

1465197

A MICROCLIMATIC PROFILE
BETWEEN THE SNAKE RIVER CANYON AND
CLEARWATER MOUNTAINS, IDAHO

by Dr. Richard L. Day

U. of I. Water Resources Research
Institute Project No. M-2 (HH)

DAILY TEMPERATURE AND RELATIVE HUMIDITY

RECORDS; WEEKLY PRECIPITATION RECORDS

1963 - 1968

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - AUGUST 1963

by R. L. Day

Date	2620' College of Mines Bldg.		2900' Flat Creek		2590' Harvard Valley Flat		3700' N-S Ski Bowl Ridge		2900' Genesee Hill		2700' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	74	44	74	34					73	44	73	35
2	82	52	85	34					84	49	84	34
3	92	53	93	38					94	45	93	38
4	89	62	90	48					91	55	91	56
5	92	55	94	42			87			54	94	43
6	89	57	92	43			86	62			91	47
7	89	57	91	44			86	61			90	47
8	94	51	95	38			84	62			95	37
9	82	56	86	45			76	63			85	43
10	87	63	87	45			80	59			88	62
11	94	65	96	50			86	59			92	54
12	90	63	90	55			84	57			91	59
13	90	64	94	51			90	62			94	50
14	78	59	79	50			76	57			80	56
15	78	49	79	35			75	49			80	47
16	86	48	86	35			81	51			86	34
17	86	50	87	38			82	54			87	42
18	81	55	82	41	83		77	55	80	58	84	44
19	72	50	71	39	72	41	65	48	71	50	74	45
20	68	54	66	38	68	37	64	47	68	52	72	45
21	74	49	73	37	73	37	66	49	73	50	75	37
22	77	48	77	35	78	35	72	48	76	50	78	37
23	74	51	76	39	79	40	72	50	74	53	77	41
24	68	49	68	44	66	49	60	48	65	49	70	41
25	74	44			75	33	67	44	73	46	77	53
26	73	46			73	38	67	49	74	50	76	39
27	78	46			78	31	72	51	79	48	80	32
28	82	45			81	32	76	51	81	52	83	33
29	88	48			88	33	81	54	85	53	89	34
30	92	60			91	37	83	57	91	58	93	42
31	85	54			86	42	79	60	83	62	84	44
MONTH	82.4	52.9	--	--	--	--	--	--	--	--	84.1	43.6
	67.7		---	---	---	---	---	---	---	---	63.8	

In Giant White Pine Forest:

	Max.	Min.		Max.	Min.
July 31 - Aug. 5:	79½	39	Aug. 12 - 18:	82	39
Aug. 5 - Aug. 8:	82	45	Aug. 18 - 20:	74	41
Aug. 8 - Aug. 12:	81	54	Aug. 20 - 24:	70	38
			Aug. 25 - 31:	80½	35

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO - SEPTEMBER 1963

by R. L. Day

Date	2620' College of Mines Bldg.		3150' Steak House Hill		2590' Harvard Valley Flat		3700' N-S Ski Bowl Ridge		2900' Genesee Hill		2700' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	81	63	82	59	82	52	71	58	77	59	80	59
2	73	55	73	56	76	37	68	52	73	53	73	37
3	80	51	79	56	83	30	74	47	79	48	81	33
4	91	58	91	62	93	30 $\frac{1}{2}$	84	52	91	54	93	42
5	88	53	87	67	90	37	82	63	87 $\frac{1}{2}$	60	90	41
6	91	50	88	65	92	34 $\frac{1}{2}$	83	61	90	57	92	38
7	89	51	86	68	91	36	83	60	88	61	91	39
8	77 $\frac{1}{2}$	63	76	62	73	45	73	62	76	62	80	58
9	91	62	89	64	91	44	85	62	90	59	92 $\frac{1}{2}$	48
10	86	62	87	68	86	43	83	56	84	54	86	50
11	90 $\frac{1}{2}$	53	89	65	91	39	85	58	89	60	91	41
12	89	58	87	68	85	37	79	57	86	61	89	46
13	65	54	63	52	62	52	56	50	62	53	64	54
14	63	49	60	46	62	46	54	44	61 $\frac{1}{2}$	46	64	47
15	55	47	56	47	(54)	30	51	36	49	43	51	38
16	54	43	52	44	(52)	(39)	48	42	55	42	57	38
17	66	43	64	45	(68)	(29)	61	38	66	42	68	32
18	70	42	66	48	72	28	66	39	70	42	73	28
19	76	39	72	52	79	27	70	40	75	46	77	28
20	77	45	77	59	81	33	75	46	78	50	80	34
21	77	48	76	59 $\frac{1}{2}$	80	43	72	52	77	53	80	37
22	78	59	78	62 $\frac{1}{2}$	81	42	73	53	77	55	(80)	52
23	67	52	66	54	65	44	54	48	65	51	(70)	(48)
24	78	52	76	51	80	34	70 $\frac{1}{2}$	39	77	47	(80)	(36)
25	85	56	85	59	88	34	80 $\frac{1}{2}$	57	87	51	(88)	(40)
26	88	54	89	63	91	36	85	55	90	55	91	40
27	91	54	90	64	93	37	85	57	90	59	93	42
28	92	60	91	66	93	40	86 $\frac{1}{2}$	59	91	62	94	47
29	81	57	80	61	83	40	77	60	83	63	83 $\frac{1}{2}$	50
30	74	51	72	58	76	35	69	57	74	58	76	39
MONTH	78.8	52.8	77.2	58.4	79.8	37.8	72.8	52.0	77.9	53.3	80.3	42.1
	65.8		67.8		59.8		62.4		65.6		61.2	

In giant white pine forest, elev. 2800', 8 miles NE of Harvard: Max. Min.

Sept. 1 - 7	79	38
Sept. 8 - 17	83	35
Sept. 17 - 22:	72	33
Sept. 22 - 29	77	39

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - OCTOBER 1963

by R. L. Day

Date	2620' College of Mines Bldg.		3150' Steak House Hill		2590' Harvard Valley Flat		3700' N-S Ski Bowl Ridge		2900' Genesee Hill		2700' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	76	44	75	53	76	30	70	46	76	50	77	33
2	83	54	83	59	85	30	77	50	81+	50+	84	38
3	65	54	64	54	67	36	60	49	68	54	69	40
4	64	48	61	49	62	37	57	46	65	51	64 $\frac{1}{2}$	39
5	58	50	55	48	55	45	49	43	58	49	57 $\frac{1}{2}$	47
6	67	45	59	44	64	40	53 $\frac{1}{2}$	42	63	47	60	44
7	66	46	65	47	69	30	60	38	65	45	67	33
8	64	46	63 $\frac{1}{2}$	48	67	29	58 $\frac{1}{2}$	40 $\frac{1}{2}$	65	45	68	37
9	67	46	66	51 $\frac{1}{2}$	69	33	57 $\frac{1}{2}$	42	66	48	69	36
10	73	52	72	55 $\frac{1}{2}$	74	35	67	44	71	49	74	45
11	69	51	67 $\frac{1}{2}$	54	71 $\frac{1}{2}$	35	63	53	70	52	75	41
12	63	47	60	47	63	36	56	44	61	49	65	48
13	68	45	66	45	68	26	63	42	66	43	68	28
14	74	51	72	45	73	29	65 $\frac{1}{2}$	45 $\frac{1}{2}$	72	47	76	46
15	77	48	77	60	77	35	69	53 $\frac{1}{2}$	75	51	79	50
16	76	42	75 $\frac{1}{2}$	55 $\frac{1}{2}$	78	28	70	49	74	48	77+	27
17	74	49	74	55	77	27	69	49	74	47	78	29
18	57	45	54	43	58	36	51	40	57 $\frac{1}{2}$	45	59	39
19	60	32	59	41	63	19 $\frac{1}{2}$	55	34	60	38	62	22
20	61	41	61	36	63	22			61	39	65	25
21	62	47	58	45	60	41			61	44	60	39
22	60	45	60	45	60	45			61	45	60	45
23	51	30	48	38	52	38			51	38	51	35
24	52	41	48	40	50	32			54	39	(55)	(35)
25	48	36	44	38	48	33			49	38	(50)	(35)
26	48	30	45	32	49	15			48	29	51	20
27	50	31	48	33	50	14	41	25	47	29	46	23
28	48	43	49	40	48	34	44	35	50	38	51	35
29	50	35	48	39	51	27	44	33	52	36	52	27
30	50	33	48	38	52	21	43	28	49	31	50	25
31	50	32	48	35	52	19	45	33	48	32	50	22
MONTH	62.3	43.5	60.4	45.6	62.9	30.9	--	--	61.9	43.4	63.5	35.1
		52.9		53.0		46.9		--		52.6		49.3
24 days	64.4	44.4	62.9	47.5	65.4	30.5	57.9	41.9				
		54.4		55.2		48.0		49.9				

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO - NOVEMBER 1963

by R. L. Day

Date	2620' College of Mines Bldg.		3150' Steak House Hill		2590' Harvard Valley Flat		3700' N-S Ski Bowl Ridge		2800' Giant Pine Forest		2700' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	58	38	55	40	60	24	54	37			60	33
2	49	35	47	38	47	37	41	34			53	40
3	51	32	51	36	51	17	49	28	44	27	51	19
4	46	36	44	36	43	32	43	33	41	35	47	33
5	47	33	44	34	49	23	42	31	38	29	47	27
6	45	39	44	36	46	37	42	33	39	31	43	33
7	43	35	39	33	42	32	38	32	38	33	41	25
8	46	36	31	33	41	33	38	32	36	32	42	34
9	44	38	41	37	46	37	39	34	42	36	46	37
10	48	36	44 $\frac{1}{2}$	37	46	26	41	30			49	33
11	49	36	49	35	51	23	39	27			49	31
12	55	43	56 $\frac{1}{2}$	42	60	31	54	33			56	40
13	53	42	56	42	53	31	51	39			51	36
14	54	42	53	40	55	38	50	35			57	41
15	45	37	42	34	45	32	39	32			49	34
16	44	36	43	33 $\frac{1}{2}$	41	32		30			43	30
17	42	38	39	34	37	34					42	38
18	43	37	38	33	40	30					45 $\frac{1}{2}$	35
19	44	38	42	37	43	30					45	34
20	31	21	28	20	34	16					35	20
21	35	20	31	20	30	11		15			33	15
22	41	33	36	30	36	30					40	30
23	42	36	39	32	40	32					43	33
24	46	37	42	37	40	33					48	33
25	47	40	45	39	43	34					48	38
26	52	42	48	42	49	34	43				50	40
27	41	31	39	32	31	22					43	25
28	38	29	36	30	39	14					40	20
29	41	30	41	31	46	12					42	25
30	39	29	39	32	43	12					44	21
MONTH	45.3	35.2	43.1	34.5	44.8	27.6					46.1	31.1
		40.2		38.8		36.2						38.6

Lewiston Airport:
(1450') 50.5 35.1
42.8

Rainfall
Snowfall
Moscow: 3.25 inches 0.20 inches
Lewiston
Airport: 0.97 inches ----

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO - DECEMBER 1963

by R. L. Day

Date	2620' College of Mines Bldg.		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant Pine Forest		2900' Genesee Hill		2660' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	38	23	37	27	44	11			39	23	43	15
2	39	22	39	23	47	11					40	16
3	34	20	34	21	37	10					40	14
4	37	22	36	21	42	12					39	17
5	40	31	40	30	40	30					40	29
6	40	32	36	30	35	23					38	30
7	35	30	32	28	35	23					35	25
8	33	29	32	27	32	20					32	27
9	32	23	32	21	30	13					33	19
10	19	6	20	13	19	-3			19	9	20	-4
11	19	10	17	6	19	-6					16	9
12	26	19	21	17	24	17					24	16
13	30	23	28	21	35	20			29		32	14
14	30	22	28	20	28	16			29		31	21
15	36	29	34	28	32	25					36	27
16	37	32	35	31	33	31					36	31
17	35	32	35	31	33	30					36	31
18	38	28	40 $\frac{1}{2}$	28	33	15					38	28
19	38	28	37	27	33	27					36	28
20	39	26	37	32	35	29					38	30
21	36	28	32	31	33	25			38	27	39	21
22	36	28	34	23	34	18					35	25
23	42	35	39	34	41	23					39	33
24	41	30	42	33	43	9	33				41	26
25	40	31	38	33	41	23	34	29			42	21
26	35	29	35	30	30	10	31	23			32	18
27	38	31	35	30	34	30	33	30			37	32
28	37	32	35	30	34	29	34	31			35	32
29	38	33	37	30	41	18	32	28			36	28
30	39	32	38	33	38	18	32	27			38	28
31	44	37	43	37	45	31	33	31			45	34
MONTH	35.5	26.9	34.1	26.5	34.5	19.0					35.5	23.4
		31.2		30.3		26.9						29.4

Lewiston Airport: 38.5 29.3
33.9

Rainfall
Moscow: 2.92 inches
Lewiston: 1.50 inches

Snowfall
12.6 inches
7.2 inches

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JANUARY 1964

by R. L. Day

Date	2565*		3150*		2590*		2660*		2900*		1413'		760'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	52	39	45	38	44	20	47	25	45		58	42	59	31
2	39	32	36	32	37	31	41	34 29			48	40	52	40
3	36	30	35	31	35	20	35	22			44	26	42	22
4	35	24	33	27	36	25	36	30			44	32	42	30
5	34	22	30	26	31	10	33	21			40	28	41	24
6	40	30	38	29	38	27	40	29	38		50	38	48	24
7	33	22 15	30	21	32	6 0	33	22 4			41	31	48	32
8	31	13	28	22	30	-9	30	-2	16		37	22	32	16
9	34	27	30	24	31	24	34	23			42	31	40	25
10	33	29	29	26	30	26	31	26			37	29	34	24
11	35	25	30	27	33	25	42	20			40	29	42	28
12	28	18	27	20	30	-9	26	16			37	23	39	25
13	31	19	28	19	33	0	30	8	15		39	25	39	24
14	34	27	31	24	31	24	39	25 20			40	31	42	32
15	31	26	29	27	31	12	32	9			39	26	37	27
16	40	31	38	28	37	29	40	31	37		43	36	46	36
17	35	31	32	28	32	29	35	31			43	35	44	38
18	36	30	33	26	33	23	36	21	34		44	35	45	34
19	40	26	39 $\frac{1}{2}$	25	38	22	42	24	40	27	44	31	47	33
20	37	30	35	31	36	21	35	24	35	29	41	35	43	35
21	38	31 25	34	30	38	21 15	39	29 23	34	30 26	47	32	48	34
22	35	25	33	27	38	15	35	24 20	33	26	43	30	45	33
23	34	24	31	24	31	19	35	24	32	24	40	30	44	32
24	33	24	28	23	28	21	31	24	29	23	36	29	38	31
25	40	33	39	28	39	28	42	31	39	29	49	35	50	48
26	38	29	36	27	39	20	35	27	32	25	48	29	47	29
27	39	32	39	32	39	21	41	30	39	27	49	30	46	32
28	39	24	38	30	41	18	38	18	37	26	48	31	48	29
29	39	32	36	30	34	20	36	24	35	31	44	36	42	35
30	40	29	35	31	37	27	38	16	37	27	45	28	43	31
31	39	31	37	30	35	25	38	27	37	29	44	34	45	35
MONTH AVE.	36.4	26.8	33.7	27.2	34.7	18.7	36.3	21.8	--	--	43.3	31.3	43.8	30.6
		31.6		30.4		26.7		29.0	--	--		37.3		37.2

Relative Humidity in Lewiston:

Average highest 80%
 " lowest 52%
 mean 66%

Emida Ridge (3700 feet):

Highest temp. 41° on the 1st
 Lowest " 6° " " 8th

Precipitation:

Moscow, 2 miles east 7.25 inches
 Moscow, Univ. of Idaho 4.36 "
 Lewiston Airport 0.49 "
 Potlatch 4.20 "
 Elk River 9.06 "

Snowfall:

Moscow, 2 miles east 34.4 inches
 Moscow, Univ. of Idaho 34.6 "
 Lewiston Airport 5.0 "
 Potlatch 33.0 "
 Elk River 80.0 "

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO - FEBRUARY 1964

by R. L. Day

Date	2565 [†] 224 East 5th St., Moscow		3150 [†] Steak House Hill		2590 [†] Harvard Valley Flat		2635 [†] Alpine Fir Meadow		2660 [†] Genesee Flat		2900 [†] Genesee Hill			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1	39	31	38	31	36	30	26		39	31	26	39	31	
2	37	21	35	26	40	22			36	21		34	21	
3	40	29	39	30	46	22			39	23		39	27	
4	47	32	43	33	30	42	14		45	24		43	28	
5	35	27	32	24	32	26	20		37	27		35	27	
6	35	18	30	22	35	5			34	7		33	17	
7	38	24	34	25	42	5			39	15		36	20	
8	40	29	38	30	43	11			40	14		39	25	
9	43	34	41	33	45	29			40	29		39	33	
10	48	36	43	37	36	43	21		43	32		41	33	
11	40	26	32	26	37	29	14		37	32	17	34	31	25
12	33	20	30	20	34	2		-2	32	9		31	16	
13	34	22	28	23	29	24	7		36	27	17	32	26	
14	35	17	31	21	39	-5		-5	33	7		31	17	
15	33	27	31	26	32	26			33	25		32	26	
16	39	30	36	27	36	29			40	29		38	28	
17	43	33	39	30	41	26			42	34	31	41	33	
18	45	32	43	34	41	25			45	29		45	33	
19	41	30	37	26	41	18			41	29	21	38	29	
20	35	20	33	25	39	6		4	35	15		35	20	
21	43	25	40	25	45	6	42	4	40	15		39	20	
22	42	20	39	27	41	5	44	3	43	12		38	22	
23	47	23	44 $\frac{1}{2}$	28	43	6	43	3	44	14		45	23	
24	40	29	39	27	40	24	14	41	27	17		37	26	
25	33	19	32	19 $\frac{1}{2}$	35	-2	35	-5	36	3		38	15	
26	42	25	37	25	43	6	40	1	41	13		39	20	
27	40	20	38	27	43	4	41	1	40	10		40	22	
28	45	31	40	29	42	15	42	5	46	26		41	28	
29	40	29	36	25	36	23	37	16	41	28		38	27	
MONTH AVE.	39.7	26.2	36.5	26.8	38.0	13.8	--	--	39.1	19.3		36.2	24.8	
		33.0		31.6		25.9		--		29.2			30.5	
Last 9 days	41.3	24.6	38.3	25.9	40.9	8.4	40.4	2.9	41.0	16.3		39.4	22.6	
		33.0		32.1		24.6		22.2		28.6			31.0	

TEMPERATURE RECORD

RELATIVE HUMIDITY RECORD

IN THE VICINITY OF MOSCOW, IDAHO - FEBRUARY 1964

Page 2

Date	1413' Lewiston Airport		760' Lewiston Downtown		1413' Lewiston Airport		3150' Steak House Hill		2590' Harvard Valley Flat		2900' Genesee Hill	
	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low	High	Low
1	48	34	48	33	87%	51%	98%	83%	99%	90%		
2	40	27	41	29	100	68	97	71	99	70		
3	49	29	51	29	80	45	84	49	98	45		
4	52	32	53	33	70	36	96	76	98	54		
5	43	32	44	34	64	39	89	74	96	70		
6	39	21	43	24	90%	59%	91%	72%	100%	63%		
7	42	23	42	-	88	50	87	63	100	44		
8	44	23	45	24	89	51	71	50	100	43		
9	51	34	50	36	77	54	91	62	99	59		
10	48	33	51	35	82	60	88	70	100	65		
11	45	34	43	35	91%	34%	99%	44%	98%	38%		
12	39	22	41	20	77	53	84	58 68	100	53		
13	45	29	46	28	97	39	99	95	100	85		
14	46	23	47	24	89	35	96	65	98	54		
15	44	33	45	32	45	32	100	63 93	100	87		
16	45	33	45	34	84%	53%	99%	80%	100%	73%		
17	53	39	53	40	60	31	96	64	89	97 60		
18	52	36	54	36	85	60	99	80	100	78		
19	48	36	50	38	54	28	97	54	96	55		
20	40	23	43	20	84	51	76	55 57	99	45		
21	48	22	49	20	87%	41%	73%	55 58%	100%	44%		
22	49	22	50	23	84	48	84	45	100	60		
23	52	25	54	24	88	37	87	55	98	45		54%
24	43	30	54	32	95	41	100	27	98	30	100%	48
25	42	19	44	20	66	41	73	33 48	97	42	75	53 56
26	50	21	52	22	84%	23%	72%	44%	100%	33%	75%	52%
27	50	23	52	20	83	33	87	46	100	37	76	57
28	52	33	55	32	62	25	57 100	47 53	96	45	68	50
29	47	31	49	32	72	33	100	58	97	61	99	58
MONTH	46.4	28.3	48.1	28.2	80%	43%	83%	61%	98%	56%	--	--
AVE.		37.4		38.2		62%		72%		77%		--

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO - MARCH 1964

by R. L. Day

Date	2565' 224 East 5th St., Moscow		3150' Steak House Hill		2590' Harvard Valley Flat		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	44	32	38	28	42	31	40	28	40	29e
2	36	28	32	27	36	15	35	9	36	22
3	37	24	34	25	36	11	35	9	34	23
4	45	32	41	30	42	32	42	30	41	31
5	36	29	31	26	34	29	33	27	31	28
6	39	30	34	26	39	29	36	20	36	27
7	38	26	33	23	39	22	36	17	33	23
8	33	26	31	25	32	14	33	13	32	19
9	39	26	35	24	39	22	38	23	35	25
10	37	30	34	27	35	19	35	22	35	27
11	43	32	39	30	41	33	40	27	41	30
12	41	30	37	26	39	28	38	24	37	27
13	40	26	37	23	38	27	36	24	35	24
14	44	30	40	26	42	28	35	25	37	26
15	50	35	46	32	48	35	46	28	45	33
16	48	28	47	34	48	20	43	18	49	28
17	53	38	45	40	49	31	43	29	49	35
18	45	32	39	30	42	32	38	29	38	32
19	42	25	38	24	42	15	38	12	40	21
20	47	30	43	31	46	21	43	21	44	27
21	40	34	36	32	40	31	40	31	38	32
22	41	29	37	30	39	18	38	22	37	27
23	35	19	31	18	33	15	35	16	38	14
24	35	20	30	19	35	12	33	9	33	13
25	37	21	32	23	32	12	30	8	30	14
26	40	31	38	30	39	32	38	30	37	29
27	46	32	41	28	45	25	42	24	40	27
28	53	32	50	32	54	20	49	15	53	25
29	62	37	60	39	62	22	51	18	61	32
30	67	42	65	45	68	25	55	21	65	40
31	65	47	62	49	65	32	50	27	62	42
MONTH	43.8	30.1	39.9	29.1	42.9	23.8	39.5	20.8	40.7	26.8
AVE.	37.0		34.5		33.4		30.2		33.8	

e = estimated

Maximum snow depth on Moscow Mountain:
84 inches on March 28 (32 to 34 inches
of water content)

TEMPERATURE RECORD IN THE VICINITY OF MOSCOW, IDAHO -- MARCH 1964

Page 2

Date	2660' Genesee Flat		2900' Genesee Hill		1413' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	44	28			51	38	52	39
2	38	17			47	25	51	25
3	36	16			46	27	47	28
4	48	31	47		51	34	52	33
5	34	29			40	34	40	33
6	38	22			46	28	46	27
7	39	11		21	43	23	43	29
8	34	14		26	42	29	44	31
9	39	23			48	33	50	29
10	39	23			50	32	54	29
11	43	32			55	35	57	25
12	42	30			49	33	50	29
13	40	26			48	29	50	30
14	42	28			46	34	51	35
15	51	36	48		58	44	60	45
16	50	32			58	31	61	33
17	54	23	50		58	40	61	41
18	45	33			51	38	52	39
19	42	25			54	31	49	29
20	46	28			52	34	55	36
21	43	32			53	36	52	37
22	40	27			50	31	52	32
23	36	19			41	24	45	28
24	38	18		18	41	24	40	22
25	38e	18e			39	24	40	19
26	40e	30e			50	35	51	32
27	46e	25e			53	36	56	33
28	53	22e			61	29	65	31
29	63	34			70	38	75	34
30	68	40	67		76	43	78	40
31	67	42			68	47	74	52
MONTH	44.4	26.2	--	--	51.5	32.9	53.3	32.4
AVE.		35.3	--	--		42.2		42.8

e = estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

MARCH 1964

Date	1413' Lewiston Airport		3150' Steakhouse Hill		2590' Harvard Valley Flat		2865' Hilltop Near Subalpine Fir Meadow	
	High	Low	High	Low	High	Low	High	Low
1	73%	23%	100%	51%	98%	51%	97%	52%
2	86	42	98	56 86	99	67	97	70
3	79	43	100	73	100	74	100	73
4	88	52	100	75	98	68	100	68
5	79	53	98	78 88	92	74 83	100	70 94
6	100%	47%	98%	68%	98%	54%	100%	91%
7	94	35	100	37	100	37	100	45
8	89	58	100	65 42	97	86	99	82
9	58	33	99	55	98	51	99	52
10	72	47	100	93	99	90	97	91
11	94%	40%	100%	75%	99%	66%	99%	63%
12	75	39	98	50	99	50	99	55
13	73	29	98	46	98	49	100	62
14	73	52	100	80	94	75	100	70 98
15	52	27	97	48	87	50	90	56
16	82%	34%	80%	53%	100%	42%	94%	45%
17	67	38	68	43	94	46	78 100	53
18	67	33	100	49	98	56	100	62
19	66	27	84	48	100	38	99	48
20	73	34	72	47	97	37	80 90	45
21	80%	55%	100%	80%	98%	72%	90 98%	69%
22	88	43	99	50	99	48	100	49
23	54	30	55	41	58	41	54	33
24	57	39	57	48	70	46	69	45
25	93	52	100	55 87	98	90	100	75
26	80%	60%	97%	58%	94%	63%	100%	56%
27	68	32	96	51	100	48	82	49
28	84	32	74	35	100	36	87	36
29	71	25	71	33	100	33	71	35
30	61	20	56	37	100	30	56	36
31	56	32	51	38	100	34	58	40
MONTH	75%	39%	88%	55%	96%	55%	90%	57%
AVE.		57%		72%		76%		74%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

APRIL 1964

by R. L. Day

Date	2560' 224 East 5th St., Moscow		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge		2635' Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	47	40	45	37 33	48	36	-	-	-	-	45	32 29
2	47	30	44	29	47	24	37	-	-	-	46	18
3	57	26	53	33	58	21	41	20	-	-	55	18
4	52	30	50	36	51	24	37	23	-	-	50	21
5	41	32	37	29	43	32	38	32	-	-	41	31
6	53	32	52	34	56	31	43	30	-	-	54	29
7	57	30	56	32	59	23	43	23	-	-	55	21
8	60	32	57	38	59	25	40	27	-	-	57	23
9	61	36	58	43	62	28	42	29	-	-	59	27
10	53	40	50	38	53	40	44	33	-	-	52	39
11	49	39	45	36	48	37	45	34	-	-	47	38
12	50	33	47	31	50	34	38	30	-	-	45	30
13	53	35	48	33	52	34	38	31	-	-	53	31
14	63	31	59	37	63	27	45	-	51	33	61	25
15	52	43 40	50	42 39	55	40	-	-	44	38	52	40
16	47	27	44	25	40	28	-	-	32	23	40	26
17	48	27	45	28	47	20	-	18	38	23	47	17
18	54	23	50	34	57	20	-	20	46	22	53	18
19	61	26	58	36	63	21	-	-	51	30	60	19
20	59	31	58	42	61	24	48	-	50	38	57	24
21	53	35	52	34	55	30	-	-	44	31	52	30
22	45	35	40	36	41	38 34	-	-	33	32	40	34
23	41	32	36	30	41	32	-	-	40	29	37	31
24	47	35	43	33	48	36	37	-	41	33	45	33
25	54	37	52	37	52	36	-	-	44	35	50	34
26	51	34	48	32	51	35	-	-	42	31	48	31
27	52	39	47	37	49	34	-	-	38	32	47	34
28	65	37	63	39	65	36	47	-	57	35	63	35
29	55	47	53	46	53	35	-	-	46	40	51	37
30	49	34	47	31	50	33	-	-	43	30	49	34
MONTH AVE.	52.5	33.5	49.6	34.7	52.6	30.3	--	--	--	--	50.4	28.6
	43.0		42.2		41.4		--	--	--	--	39.5	

Date	2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2900' Genesee Hill		1413' Lewiston Airport		775' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	42	36	46	40 35	-	-	54	45	56	43
2	44	27	47	29	-	-	54	32	58	33
3	55	26	56	25	-	-	60	28	65	31
4	51	29	52	27	-	-	58	32	63	33
5	38	30	40	33	-	-	46	38	60	41
6	50	31	52	32	-	-	58	35	62	36
7	54	28	57	29	-	-	63	31	66	33
8	57	30	60	27	-	-	65	35	66	36
9	58	36	62	31	-	-	66	40	70	39
10	51	38	54	42	-	-	62	47	65	49
11	45	35	50	39	-	-	55	46	64	50
12	44	29	50	33	-	-	60	38	60	41
13	52	30	56	35	-	-	61	38	65	37
14	61	32	66	28	66	-	72	35	75	36
15	51	44 42	52	44 38	52	44	60	49	62	50
16	40	25	46e	26	43	26	53	33	59	33
17	44	24	47	23	43	25	54	25	58	28
18	52	25	54e	18	52	26	59	26	63	29
19	59	26	60	20e	59	29	65	30	69	30
20	58	33	62	24	59	36	68	36	70	36
21	54	35	54	35	52	35	60	44	65	47
22	40	33	42	36	41	35 33	48	40	50	43
23	36	31	39	32	38	31	46	36	50	39
24	45	34	45	35	44	33	52	40	55	42
25	52	37	53	34	53	37	62	41	68	43
26	49	33	50	36	50	35	58	44	61	45
27	46	36	51	38	50	38	59	44	63	44
28	62	36	64	31	62	37	70	36	75	37
29	50	42	52	45	50	47 45	56	49	58	50
30	49	33	50	33	48	32	54	39	63	43
MONTH AVE.	49.6 40.8	32.1	52.3 41.8	31.3	-- --	--	58.7 47.7	36.6	63.8 51.5	39.2

e = estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

APRIL 1964

Date	1436'		3150'		2590'		2800'		3700'		2865'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	91%	30%	100%	35%	100%	40%	-	-	-	-	99%	57%
2	78	28	95	42	100	43	-	65%	-	-	88	40
3	82	27	69	34	100	55	100%	57	-	-	80	34
4	86	30	69	34 43	100	43	100	80	-	-	87	44
5	80	48	100	78	100	62	100	68	-	-	94	78
6	98%	22%	100%	30%	100%	28%	100%	50%	-	-	100%	32%
7	69	20	67	31	98	27	98	53	-	-	80	34
8	71	32	68	45	100	38	100	73	-	-	88	42
9	77	39	73	53	100	43	100	76	-	-	95	48
10	68	30	97	43	93	44	98	61	-	-	98	47
11	64%	30%	97%	37%	88%	37%	98%	45%	-	-	95%	43%
12	64	27	98	41	88	42	95	73	-	-	99	51
13	65	33	97	48	94	49	100	74	-	-	97	51
14	87	17	70	33	100	32	-	-	81%	46%	95	33
15	61	33	98	26	95	30	-	-	99	39	99	34
16	57%	22%	100%	33%	97%	61%	-	-	98%	50 96%	100%	56%
17	92	22	97	34	100	38	-	-	100	70	100	37
18	67	21	61	28	100	22	-	-	95	34	91	27
19	65	18	50	28	100	25	-	-	58	38	89	32
20	64	24	48	39	100	34	-	-	51	46	88	43
21	49%	20%	100%	35%	100%	35%	-	-	98%	46%	99%	35%
22	83	60	100	34	97	62	-	-	100	93	100	68
23	93	68	100	95	99	88	-	-	100	72	100	92
24	94	65	99	75	100	68	-	-	99	82	99	77
25	91	41	97	50	100	57	-	-	100	67	100	-
26	77%	29%	98%	32%	98%	37%	-	-	100%	42%	Genesee Hill	
27	75	41	92	57	97	57	-	-	99	45 74	98	53%
28	88	30	92	37	100	35	-	-	96	40	90	56
29	89	62	97	40 56	100	59	-	-	97	74	97	40
30	84	53	100	53	99	58	-	-	99	68	97	68

MONTH AVE. 77% 34% 88% 43% 98% 44% -- -- -- -- (94%) (47%)
 56% 66% 71% -- -- -- -- (70%)

(24 days' record for hilltop near subalpine fir meadow)

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

MAY 1964

by R. L. Day

Date	2560' 224 East 5th St., Moscow		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge		2635' Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	50	38	45	35	52	37	--	--	44	31	50	36
2	46	33	42	30	44	32	38	30	37	28	43	31
3	42	33	36	30	36	32	34	32	31	28	36	31
4	55	35	50	34	46	32	36	32	39	30	49	33
5	47	33	47	31	46	32	38	32	40	28	46	32
6	56	35	52	37	52	32	42	31	44	33	52	34
7	59	43	56	40	56	38	46	32	50	36	54	39
8	65	45	62	42	64	37	49	32	57	38	62	37
9	63	42	59	43	62	32	44	30	52	39	61	33
10	55	43	52	39	52	38	40	32	43	37	52	40
11	62	31	58	39	63	28	48	29	57	33	62	29
12	72	48	67	48	72	35	55	33	65	46	70	36
13	59	43	54	40	57	42	50	33	52	37	55	40
14	63	31	60	38	62	26	51	28	57	36	60	26
15	71	39	69	48	72	33	58	32	65	43	68	32
16	84	41	81	51	85	33	70	32	79	43	84	33
17	68	48	65	45	66	36	59	40			65	39
18	79	48	76	53	80	39	67	37			78	41
19	79	53	75	54	77	44	67	40			76	45
20	68	47	64	53	68	39	66	40			67	42
21	58	46	54	43	57	35	54	35			54	37
22	48	36	43	33	46	33	41	35			43	33
23	64	32	60	33	62	33	54	32	29		65	28
24	61	40	59	38	60	30	56	30			60	27
25	62	31	58	34	61	26	55	28	31		60	23
26	68	41	65	45	67	33	61	34			67	30
27	75	39	71	51	75	32	71	33	71		73	31
28	59	53	55	51	60	48	55	48			61	46
29	70	51	66	52	69	47	64	45			69	45
30	75	49	71	55	73	35	66	37	67		73	32
31	81	50	76	58	81	38	75	40	76	48	79	34
MONTH	63.4	41.2	59.6	42.7	62.0	35.1	53.7	34.1	--	--	61.1	34.7
AVE.	52.3		51.2		48.6		43.9		--		47.9	

Snowcover in Giant White Pine Forest; Still close to four feet deep first of month; by May 16, one to two feet average with bare patches; on May 23, only scattered patches remained. Diurnal temperature and relative humidity show release from effect of snowcover after the 15th.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - MAY 1964

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Date	2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2900' Genesee Hill		1436' Lewiston Airport		740' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	51	36	50	37	46	35	55	40	59	43
2	44	32	46	34			55	40	55	41
3	36	31	40	35			48	42	50	43
4	49	33	52	36			62	39	64	40
5	45	33	47	36			54	42	56	42
6	51	34	56	32		32	65	40	67	42
7	54	40	58	42			67	49	71	48
8	63	41	65	42	63		70	48	74	48
9	61	42	65	38			70	44	75	45
10	52	40	55	40			62	51	68	52
11	60	34	60	26			70	39	74	38
12	70	44	72	44	72		77	50	83	50
13	56	42	58	43			65	50	71	54
14	61	32	63	27		35	69	37	74	38
15	69	39	71	31			76	41	81	42
16	82	46	82	35	80	44	89	46	93	44
17	64	45	68	48	66	46	74	56	76	58
18	76	45	76	42	76	46	85	51	89	50
19	75	51	75	47	75	54	83	48	89	51
20	65	46	68	40	68	50	77	54	83	53
21	53	42	56	39	55	44	66	49	70	51
22	43	36	43	35	41	36	51	42	60	43
23	61	29	61	27	60	30	70	34	72	36
24	59	41	61	30	59	46	69	41	73	43
25	60	32	59	24	60	35	66	38	71	38
26	66	38	65	31	66	42	72	43	78	41
27	73	41	73	33	72	46	80	47	85	48
28	60	50	61	52	60	53	69	55	73	58
29	66	50	70	46	69	51	77	54	79	53
30	72	48	73	40	73	46	81	51	85	49
31	78	41	78	46	77	48	84	54	88	49
MONTH	60.5	39.8	62.2	37.4	--	--	69.6	45.6	73.8	46.2
AVE.	50.2		49.8		--		57.6		60.0	

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

MAY 1964

Date	1436* Lewiston Airport		3150* Steak House Hill		2590* Harvard Valley Flat		2800* Giant White Pine Forest	
	High	Low	High	Low	High	Low	High	Low
1	92%	51%	98%	58%	97%	52%	-	-
2	73	34	97	40	92	46	-	50%
3	85	41	99	92	100	96	100%	97
4	89	44	96	58	100	82	99	99
5	55	40	90	43	96	48	98	71
6	77%	28%	66%	42%	98%	51%	98%	69%
7	64	32	83	47	97	49	99	64
8	77	30	88	37	99	42	99	62
9	80	33	90	52	100	50	100	82
10	70	32	98	35	98	45	99	98
11	85%	24%	86%	37%	100%	30%	98%	57%
12	63	21	62	32	97	28	98	44
13	60	23	89	24	90	31	98	40
14	66	21	54	29	100	26	98	40
15	66	20	43	25	100	25	100	32
16	63%	14%	48%	22%	100%	21%(*)	100%	25%
17	57	24	95	36	96	39	100	45
18	69	19	62	27	99	25	100	35
19	54	22	69	38	98	35	100	50
20	66	32	68	42	99	39	99	42
21	71%	19%	94%	35%	99%	32%	100%	33%
22	76	50	99	74	97	70	100	96
23	95	27	93	35	100	33	100	40
24	84	8	56	22	99	24	100	28
25	47	19	80	33	100	34	98	38
26	50%	18%	65%	30%	99%	30%	100%	32%
27	57	22	52	34	100	31	100	31
28	91	48	100	72	99	64	98	75
29	85	27	75	38	98	39	98	43
30	63	23	47	35	99	36	99	-
31	65	26	58	29	99	28	-	-
MONTH AVE.	71% 49%	28%	77% 59%	40%	98% 70%	41%	99% 75%	51%

(*) = Relative humidities as low as 16% obtained with sling psychrometer

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JUNE 1964

by R. L. Day

Date	2560' 224 East 5th St., Moscow		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant Pine Forest		3700' Emida Ridge		2635' Alpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	80	55	76	56	80	41			77	52	81	38
2	67	52	63	50	67	51			66	49	66	49
3	75	41	71	50	76	36		37	70	46	74	32
4	71	55	67	53	70	47			63	49	68	45
5	72	54	68	51	71	52			65	49	70	46
6	61	52	57	50	62	53			56	47	61	49
7	63	50	58	47	60	49			56	46	60	48
8	50	42	46	39	50	41			44	38	49	41
9	69	42	66	46	70	40		41	66	41	69	37
10	71	53	67	52	71	44			66	52	68	43
11	62	52	59	50	61	50			60	52	61	49
12	73	49	68	48	70	47			68	48	70	47
13	77	49	71	53	76	38	69	41	73	52	73	36
14	72	58	66	55	71	48			69	50	70	49
15	78	51	76	55	80	45			76	50	79	45
16	59	48	57	45	57	47			54	44	56	48
17	61	44	53	46	60	42			54	41	60	42
18	59	46	57	43	54	45			49	40	56	46
19	60	45	58	43	60	44			52	41	57	43
20	74	45	66	46	68	33			66	40	67	30
21	67	47	65	46	66	46			60	43	66	47
22	75	48	70	50	75	36			70	45	74	33
23	86	55	81	59	84	39	79		79	56	83	38
24	81	51	77	59	81	42			75	53	79	42
25	83	45	76	58	79	36		37	80	56	83	34
26	82	57	79	55	81	48	80		80	55	82	47
27	64	46	61	43	62	46			57	41	62	46
28	72	37	67	47	69	29		33	65	42	69	28
29	80	41	75	53	80	32		35	75	45	77	29
30	84	57	79	60	79	47			76	54	80	45
MONTH	71.6	48.9	66.7	50.3	69.7	42.8	-----	-----	65.2	47.2	69.0	41.7
AVE.	60.2		58.5		56.2		-----	-----	56.2		55.4	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JUNE 1964

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Date	2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2990' Genesee Hill		1436' Lewiston Airport		775' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	77	56	80	52	77	54	88	56	90	53
2	64	52	67	51	62	52	73	56	76	58
3	73	42	72	34	72	48	79	46	83	47
4	66	52	67	55	66	53	76	58	83	58
5	68	51	67	48	67	50	78	55	79	55
6	60	51	59	51	58	50	61	56	64	53
7	58	48	63	47	60	48	71	50	73	51
8	47	41	49	42	47	41	56	47	70	49
9	66	44	66	40	63	43	71	47	75	48
10	67	50	70	50	68	50	77	54	82	48
11	59	49	62	50	62	49	69	55	78	56
12	69	48	70	48	70	50	76	54	81	55
13	73	46	73	39	73	49	81	53	85	51
14	68	52	69	53	69	56	76	59	81	61
15	77	51	76	45	76	51	81	56	86	51
16	54	46	56	48	54	47	61	54	64	55
17	59	45	61	40	60	44	67	48	69	50
18	56	45	59	47	57	46	67	53	70	53
19	56	45	61	40	60	44	66	52	72	52
20	66	41	67	37	66	43	75	48	79	48
21	64	46	68	47	68	47	74	53	78	53
22	72	44	74	37	73	47	81	52	83	50
23	81	53	85	49	84	53	91	57	93	55
24	78	54	81	52	79	58	87	60	91	58
25	81	50	80	40	79	52	87	56	91	54
26	81	57	82	54	77	57	88	63	93	61
27	61	44	63	47	61	47	71	55	75	58
28	67	36	70	29	69	43	77	44	82	44
29	77	40	77	31	76	45	84	47	88	48
30	79	51	80	48	79	57	87	58	90	59
MONTH AVE.	67.5 57.6	47.7	69.1 57.0	45.0	67.7 58.4	49.1	75.9 64.6	53.4	80.1 66.6	53.1

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

JUNE 1964

Date	1436' Lewiston Airport		2660' Genesee Flat		2900' Genesee Hill		3150' Steak House Hill		2590' Harvard Valley Flat	
	High	Low	High	Low	High	Low	High	Low	High	Low
1	81%	24%	98%	37%	95%	45%	97%	37%	100%	34%
2	89	38	98	52	98	55	97	54	98	54
3	84	28	100	33	90	38	66	28	100	28
4	81	49	98	67	97	48	100	32	98	56
5	96	48	99	55	100	55	100	45	99	51
6	99%	77%	98%	66%	98%	65%	98%	68%	98%	65%
7	98	42	98	58	98	60	100	67	98	70
8	99	75	98	87	100	86	100	96	97	84
9	99	31	100	43	98	45	98	34	100	36
10	81	32	95	44	91	44	88	45	97	48
11	88%	56%	99%	72%	98%	70%	99%	72%	99%	73%
12	89	32	99	43	96	42	99	46	100	46
13	85	26	100	40	93	40	87	45	100	43
14	79	40	97	59	80	59	90	67	100	54
15	84	35	100	40	94	41	91	36	99	34
16	92%	70%	98%	67%	98%	66%	100%	55%	99%	64%
17	91	55	100	61	96	63	100	78	100	61
18	82	45	98	55	97	56	100	60	99	75
19	83	44	100	53	95	55	99	53	98	54
20	89	33	100	42	97	42	92	38	100	34
21	84%	29%	98%	43%	95%	43%	99%	44%	100%	49%
22	85	32	100	40	97	40	92	44	100	42
23	77	20	95	32	--	--	71	34	100	32
24	64	16	--	26	--	32	52	27	--	28
25	69	17	100	26	--	--	45	27	99	23
26	61%	21%	97%	33%	--	--	60%	40%	99%	38%
27	45	24	73	34	--	--	94	35	80	35
28	69	17	100	27	--	--	69	33	100	26
29	67	16	100	27	--	--	60	36	100	20
30	59	17	96	27	--	--	60	33	97	26
MONTH	82%	36%	97%	46%	(94)	(46)	87%	48%	98%	46%
AVE.	59%		72%		(70)		67%		72%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1964

by R. L. Day

Date	2560'		3150'		2590'		2800'		3700'		5330'		2635'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	224 East 5th St., Moscow		Steak House Hill		Harvard Valley Flat		Giant White Pine Forest		Brida Ridge		*Baldy Mountain		Subalpine Fir Meadow	
1	87	54	84	63	87	39	83	42	84	53	-	-	87	37
2	75	53	69	52	71	49	66	50	67	54	-	-	71	46
3	76	49	70	47	74	42	71	45	72	47	-	-	73	38
4	75	45	69	57	76	36	72	41	70	48	-	-	73	36
5	75	52	70	49	73	51	66	50	68	47	-	-	71	50
6	82	49	74	58	81	38	75	42	77	51	-	42	79	37
7	93	57	87	64	91	44	87	48	89	56	83	57	91	41
8	88	65	82	62	87	51	89	54	88	60	88	69	88	51
9	71	53	65	49	68	52	66	52	-	47	63	37	69	52
10	83	46	79	58	85	34	79	40	-	-	76	48	83	35
11	93	52	88	68	93	41	87	47	-	-	82	60	91	43
12	98	58	94	73	99	45	92	51	94	-	89	66	95	45
13	81	61	77	71	79	50	71	55	-	-	69	59	79	50
14	84	60	79	65	82	53	77	55	-	-	75	49	80	51
15	68	55	64	51	66	55	58	54	-	-	52	42	65	55
16	70	47	67	47	70	41	61	42	-	43	60	36	69	46
17	87	55	84	58	89	41	81	44	84	-	78	48	87	43
18	72	54	71	55	73	51	64	52	-	-	61	46	71	51
19	75	44	72	49	76	36	70	40	-	-	66	46	76	36
20	84	52	80	58	82	37	80	43	-	-	75	52	81	38
21	81	54	75	56	78	44	72	48	-	-	71	47	77	45
22	75	49	71	51	74	40	69	44	-	-	67	43	73	39
23	75	44	72	49	73	35	68	40	-	44	65	39	74	36
24	83	49	80	59	82	35	76	41	-	-	72	50	81	35
25	89	53	87	63	87	36	81	43	84	-	77	55	86	37
26	87	51	86	65	87	38	81	45	-	-	78	56	86	38
27	90	49	87	67	91	37	83	43	87	62	81	59	89	36
28	86	61	87	68	90	44	85	49	89	63	84	64	86	43
29	75	64	70	60	73	60	64	60	72	59	67	50	74	62
30	69	58	65	55	67	48	62	52	65	52	63	44	69	47
31	66	50	61	47	66	44	58	45	61	42	57	36	64	42
MONTH AVE.	80.5	53.0	76.3	57.9	79.7	43.5	74.0	47.0	--	--	--	--	78.6	43.3
	66.8		67.1		61.6		60.5		--		--		61.0	

*Baldy Mountain record kept by U.S. Forest Service lookout during this month.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - July 1964

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Date	2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2900' Genesee Hill		1436' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	85	53	84	41	84	55	92	57	95	56
2	73	55	75	53	74	56	80	60	85	61
3	73	48	75	39	74	49	81	54	86	55
4	71	46	76	36	71	54	81	52	84	53
5	70	50	75	52	73	52	81	58	85	61
6	80	48	81	40	80	43	88	56	93	56
7	90	55	90	44	91	60	99	62	103	59
8	88	63	89	51	83	63	96	67	100	68
9	70	50	70	52	69	51	78	60	85	63
10	83	46	85	35	83	50	91	53	95	55
11	92	56	93	43	91	60	99	60	103	61
12	96	59	96	46	96	65	105	66	109	64
13	78	62	78	52	78	68	86	66	89	66
14	82	60	84	52	82	64	91	66	95	68
15	63	52	65	53	65	53	70	57	78	59
16	70	48	68	49	69	48	78	54	82	56
17	88	50	86	47	85	52	93	55	97	56
18	70	54	74	53	72	56	80	62	82	63
19	76	45	74	38	75	50	84	53	88	53
20	82	50	82	38	81	54	91	56	95	56
21	77	54	81	47	78	57	86	61	92	62
22	73	50	76	46	73	52	83	58	89	59
23	73	44	77	38	75	47	81	53	81	54
24	82	47	84	36	84	52	88	54	92	54
25	87	51	90	39	89	57	94	58	99	58
26	87	55	89	41	88	61	95	60	99	60
27	89	53	91	37	89	60	97	59	102	58
28	86	60	84	47	84	64	90	62	95	63
29	72	61	75	63	76	63	80	70	85	71
30	69	56	69	51	68	56	75	61	79	63
31	64	46	65	45	64	47	71	54	74	55
MONTH	78.7	52.5	80.0	45.3	78.8	55.5	86.6	58.9	90.8	59.6
	65.6		62.6		67.2		72.8		75.2	

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

JULY 1964

Date	1436* Lewiston Airport		3150* Steak House Hill		2590* Harvard Valley Flat		2660* Genesee Flat	
	High	Low	High	Low	High	Low	High	Low
1	70%	18%	59%	30%	99%	22%	98%	28%
2	71	30	100	42	97	46	96	39
3	79	28	91	38	100	33	98	35
4	67	27	80	37	98	30	98	36
5	82	30	99	40	97	39	97	41
6	75%	26%	65%	38%	100%	33%	99%	33%
7	72	16	67	24	98	24	97	26
8	55	23	67	34	98	33	95	32
9	43	26	72	40	70	42	80	41
10	72	18	58	24	100	22	99	22
11	62%	14%	42%	25%	99%	23%	97%	24%
12	64	11	52	19	98	18	96	23
13	60	36	60	38	97	42	91	50
14	90	25	93	40	98	35	97	39
15	96	61	95	44	97	53	98	59
16	72%	36%	72%	39%	100%	41%	98%	51%
17	81	27	64	29	99	28	97	34
18	84	25	74	29	98	33	96	31
19	68	22	73	30	100	32	100	33
20	69	18	53	25	100	27	100	24
21	67%	27%	76%	35%	100%	35%	97%	34%
22	57	23	70	34	99	33	97	34
23	60	21	66	31	100	30	100	28
24	68	18	57	26	100	26	100	24
25	65	14	50	17	100	21	100	18
26	63%	11%	37%	22%	100%	20%	100%	16%
27	60	11	41	21	98	21	99	19
28	55	31	47	27	99	27	96	35
29	69	42	92	50	98	53	97	52
30	97	66	94	65	100	64	98	58
31	82	40	71	40	99	40	97	42
MONTH AVE.	70%	26%	69%	33%	98%	33%	97%	34%
		48%		51%		66%		66%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1964

by R. L. Day

	2560' 224 E. 5th St., Moscow		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant Pine Forest		3700' Emida Ridge		5330' Baldy Mountain	
Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	67	53	63	48	65	46	58	48	57	48	56	42
2	75	46	69	49	75	39	68	41	69	44	65	38
3	82	57	78	58	81	52	74	53	74	55	70	51
4	79	51	76	56	80	45	73	48	75	55	68	47
5	73	47	70	49	72	42	66	45	66	45	67	38
6	86	48	84	56	87	33	77	40	82	48	76	47
7	85	56	84	64	85	43	77	47	80	62	78	56
8	81	59	79	58	81	45	75	48	76	55	69	49
9	78	57	74	59	75	40	71	46	70	53	63	48
10	80	45	79	54	81	33	73	42	74	51	72	47
11	87	53	87	65	90	38	80	46	84	58	79	55
12	78	62	75	62	81	52	76	55	76	60	73	52
13	73	57	72	54	75	55	66	56	67	51	62	44
14	76	44	75	51	73	33	69	40	73	49	66	46
15	81	45	80	57	81	32	73	39	77	51	71	50
16	80	45	79	55	82	34	74	41	77	54	71	48
17	88	49	89	64	93	36	80	42	87	52	82	54
18	65	53	73/60	51	60	46	60/53	49	60/56	50	59/49	42
19	63	45	58	43	58	36	50	40	56	39	44	32
20	73	45	70	47	73	41	59	40	67	42	60	38
21	81	51	81	54	81	36	69	41	77	50	67	48
22	85	51	85	60	86	38	75	43	81	56	75	54
23	85	52	83	65	85	41	77	47	77	55	71	55
24	78	46	76	56	80	38	70	45	74	47	68	47
25	74	49	75	56	75	33	64	40	68	53	62	50
26	63	49	61	47	62	40	53	40	55	44	43	37
27	66	46	63	47	65	36	59	40	61	43	52	37
28	63	47	59	44	57	46	50	40	51	41	-	34
29	63	42	58	45	58	32	54	37	53	40	-	-
30	60	47	59	46	62	40	50	41	57	40	-	-
31	63	39	60	45	62	35	56	37	57	38	-	-
MONTH	75.2	49.5	73.3	53.6	75.0	40.1	66.7	44.2	69.5	49.3	63.8*	45.0*
	62.4		63.4		57.6		55.4		59.4		54.4*	

*Baldy Mountain averages adjusted to full 31 days by correlating with records at other locations.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - AUGUST 1964

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Date	2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2900' Genesee Hill		1436' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	66	47	66	49	67	51	66	53	71	58	75	58
2	74	37	73	44	74	40	73	49	75	53	80	54
3	82	52	81	55	83	54	82	59	88	60	93	61
4	81	43	79	53	82	45	81	56	87	57	90	58
5	75	43	72	47	75	45	74	51	80	58	85	59
6	88	30	88	45	88	37	89	51	92	53	97	52
7	88	41	88	56	89	46	90	61 ^e	94	60	98	60
8	83	44	81	56	83	54	83	58	89	64	93	65
9	78	38	76	55	78	44		58	87	59	92	64
10	84	32	81	47	83	36	82	50	87	55	90	55
11	89	34	89	54	88	40	90	57	93	57	97	55
12	81	50	80	61	80	56	80 ^e	62 ^e	86	66	90	68
13	74	52	74	55	75	56	74	57	80	63	85	64
14	80	31	79	47	79	33	79	57 ^e	84	51	88	52
15	81	29	1	47	83	31	81	53	87	52	91	55
16	83	32	80	52	82	33	79	53	88	54	93	55
17	92	32	92	50	92	32	92	52	96	55	99	54
18	66/60	47	64/60	51	65/60	49	60	53	69	58	69	59
19	54	33	54	4	62	43	61	43	73	51	76	52
20	79	34	72	42	73	34	69	44	78	48	82	48
21	83	32½	81	47	83	37	83	50	88	53	94	52
22	87	34	86	52	87	38	88	56	92	56	97	57
23	86	38	85	54	87	40	82 ^e	58	92	57	96	57
24	81	34	78	50	80	37	80	51	85	57	88	57
25	75	29	75	47	79	33	79	51	83	52	85	53
26	64	49	63	47	64	50	66	48	70	59	72	60
27	66	36	66	45	67	38	69	45	73	54	74	53
28	60	45	59	44	61	46	61	47	69	54	72	55
29	61	32	61	42	64	33	65	43	71	50	75	49
30	62	38	60	44	60	40	59	43	67	50	71	50
31	60	37	59	42	60	35	60	49	66	47	70	47
MONTH	75.9	38.3	74.7	49.1	76.4	41.3	76.2	52.2	82.0	55.5	85.7	56.1
	57.1		61.9		58.8		64.2		68.6		70.9	

e = estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

AUGUST 1964

Date	1436' Lewiston Airport		2660' Genesee Flat		3150' Steak House Hill		2590' Harvard Valley Flat		3700' Emida Ridge		5330' Baldy Mountain	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	92%	49%	97%	40%	92%	45%	99%	46%	100%	72%	--	--
2	89	41	97	35	78	41	100	33	100	49	--	--
3	79	28	96	30	82	37	99	35	100	52	--	--
4	74	28	96	30	86	38	100	34	92	53	--	--
5	57	25	93	27	96	31	100	32	100	35	--	--
6	72%	19%	98%	21%	58%	19%	100%	20%	92%	27%	--	--
7	66	21	96	24	52	30	100	29	75	41	--	--
8	48	21	--	--	68	28	100	24	84	33	47%	37%
9	66	22	94	31	60	30	99	30	78	36	88	54
10	64	17	97	25	60	29	98	26	73	35	66	37
11	67%	21%	97%	27%	56%	26%	98%	22%	60%	28%	70%	34%
12	78	33	86	46	92	33	97	38	80	48	94	57
13	72	29	98	38	92	42	96	36	91	45	99	54
14	80	20	98	30	80	30	100	26	79	33	64	35
15	65	14	95	23*	55	22	98	21	70	--	43	31
16	59%	16%	95%	28%	48%	27%	99%	22%	--	--	52%	36%
17	64	16	95	28	41	23	98	19	--	--	43	29
18	87	51	100	68	98	58	99	65	--	--	100	54/92
19	82	33	90	46	98	42	100	55	--	--	100	88
20	89	28	100	37	85	35	98	34	--	--	99	54
21	83%	16%	100%	27%	75%	25%	99%	25%	--	--	74%	40%
22	75	17	--	--	61	25	99	24	--	36	50	32
23	71	12	97	18	57	23	98	20	85	30	49	33
24	52	16	96	21	60	26	99	22	74	40	72	36
25	63	21	98	28	90	35	100	27	71	48	62	52
26	57%	35%	94%	47%	97%	40%	91%	48%	99%	55%	100%	82%
27	62	36	100	42	93	43	100	42	96	52	100	71
28	78	29	99	38	100	38	97	52	98	54	100	--
29	85	33	98	42	92	54	100	52	97	60	--	--
30	98	31	100	38	99	37	99	35	100	40	--	--
31	82	40	98	42	75	42	98	36	93	45	--	--
MONTH	73%	26%	96%	34%	77%	34%	99%	33%	--	--	--	--
	(Ave. 50%)		(Ave. 65%)		(Ave. 56%)		(Ave. 66%)					

Giant Pine Forest:		
Date	High	Low
15	--	39%
16	100%	34
17	99	33
18	98	97
19	98	94
20	98	68
21	99	47
22	99	--

*Psychrometer read 18%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

September 1964

by R. L. Day

Date	2610' College of Mines		3190' Steak House Hill		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge		5330' Baldy Mountain	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	52	47	48	44	50	45	49	45	46	42	-	-
2	60	47	54	46	55	44	50	45	49	41	-	-
3	69	44	66	46	70	37	54	37	64	41	-	-
4	76	47	73	47	77	32	61	37	69	43	-	-
5	74	43	73	54	73	33	65	37	67	47	62	-
6	72	43	69	53	72	31	62	38	67	48	61	45
7	69	51	67	52	71	45	65	46	66	50	63	46
8	61	47	60	46	62	45	58	44	56	42	50	36
9	65	35	63	46	66	27	57	32	59	38	54	37
10	67	36	67	50	66	28	58	33	60	38	54	42
11	69	35	67	47	70	27	60	35	66	38	59	41
12	76	42	75	49	75	28	64	36	72	43	65	45
13	78	41	77	54	77	28	65	36	72	50	66	50
14	69	45	68	53	69	33	52	38	65	45	60	45
15	72	39	72	48	72	29	61	36	68	43	61	40
16	84	51	81	55	82	32	68	38	79	48	71	48
17	60	47	72.57	47	58	37	51	43	60.51	42	59.45	36
18	58	34	57	39	61	26	49	32	52	32	47	30
19	64	40	59	41	63	23	54	30	59	35	51	35
20	59	45	54	43	56	45.38	51	45.42	47	40	41.39	34
21	58	40	54	42	55	31	51	33	50	37	43	34
22	66	49	63	49	65	46	56	46	60	43	52	40
23	72	46	69	50	73	32	59	37	68	45	60	45
24	78	52	75	54	78	33	64	40	73	50	66	49
25	62	54	61	51	61	36	56	43	55	48	48	41
26	66	43	62	47	65	27	57	35	59	37	53	36
27	69	40	67	44	71	24	59	33	67	39	58	40
28	73	44	70	49	74	30	63	38	71	38	62	45
29	66	51	66	56.52	69	42	61	45	62	51.47	54	45.41
30	58	49	56	48.44	57	45	51	47	50	44.42	42	36
MONTH AVE.	67.2	44.2	65.0	48.1	67.1	33.8	57.5	38.6	61.6	42.1	54.9	40.4
	55.8		56.6		50.4		48.0		51.8		47.6	(adjusted to 30 days)

RAINFALL	College of Mines	1 mile S of Giant Pines	Emida Ridge	Baldy Mountain	Subalpine Fir Meadow	Genesee Flat
Aug. 29 - Sept. 4	0.32	0.86	0.64	-	0.18	-
Sept. 5 - 15	0.01	0.01	0.01	-	-	-
Sept. 16 - 19	0.30	0.57	0.57	-	0.39	-
Sept. 20 - 26	0.11	0.62	0.62	0.61	0.15	0.16
Sept. 27 - Oct. 3	0.22	0.45	0.50	0.80	0.25	0.24
TOTALS	0.94	2.51	2.34	-	(0.92)	-

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - SEPTEMBER 1964

Page 2

Date	2635'		2865'		2650'		2900'		1436'		760'	
	Subalpine Fir Meadow	Hilltop near Subalpine Fir Meadow	Genesee Flat	Genesee Hill	Lewiston Airport	Lewiston Downtown						
1	50	47	49	46	51	47	50e	47	58	52	60	52
2	53	41	53	44	62	44	61	43	71	52	69	53
3	68	31	68	41	70	31	68	43	73	45	77	44
4	72	29	73	41	74	38	73	46	79	46	83	45
5	75	31	74	44	77	35	75	49	81	48	86	48
6	73	31	72	45	73	33	74	50	78	49	84	47
7	70	46	71	51	72	47	73	51	77	56	79	57
8	62	48.36	61	48	63	48	62e	50	68	55	70	56
9	67	24	65	39	66	27	66	42	72	43	77	43
10	68	24	68	39	68	27	69	45	75	43	78	42
11	71	24	71	41	69	26	72	42	75	44	77	44
12	76	23	77	42	77	27	78	48	79	44	82	41
13	78	26	79	43	80	31	80	47	83	47	87	47
14	72	30	70	46	72	33	68	50	77	50	80	49
15	74	30	74	42	74	30	74	43	78	47	82	45
16	82	28	83	39	83	36	84	45	90	51	92	46
17	62	36	60	48	61	43	61	46	69	53	70	53
18	58	24	59	37	60	27	59	37	66	43	71	40
19	65	20	63	36	64	25	64	35	69	40	74	38
20	60	44.37	59	44	58	45.36	60	45	66	52	69	51
21	59	25	56	38	59	27	58e	45	66	42	70	41
22	70	45.42	67	48	67	43	65	48	75	52	79	-
23	75	29	73	44	74	32	73	45	79	48	83	46
24	78	29	78	49	79	35	80	48	81	51	87	48
25	64	32	63	50	66	39	64	51	71	55	75	-
26	66	23	65	43	64	37	64	43	70	44	72	45
27	73	20	70	38	71	25	69	39	75	41	79	38
28	75	27	74	45	74	30	74	45	73	45	80	42
29	71	41	69	50	72	43	70	51	74	51	77	49
30	59	44	59	48.45	62	48	60	47	69	54	72	53
MONTH AVE.	68.2	31.3	67.5	43.5	68.7	35.0	68.3	46.9	73.9	48.1	77.4	46.5
	49.8		55.8		51.8		57.6		60.5		62.0	

e= estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO -- PER CENT

SEPTEMBER 1964

Date	1436' Lewiston Airport		2660' Genesee Flat		3150' Steak House Hill		2590' Harvard Valley Flat		3700' Emida Ridge		5330' Baldy Mountain	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	97%	70%	98%	85%	99%	85%	99%	83%	99%	92%	-	-
2	75	38	97	52	95	56	96	63	98	72	-	-
3	95	33	98	30	93	33	98	31	98	44	-	-
4	93	25	98	28	78	32	98	26	95	33	-	-
5	87	22	99	26	67	32	100	28	77	36	-	41%
6	83%	26%	97%	32%	73%	41%	100%	35%	70%	42%	68%	39%
7	72	26	95	31	77	40	98	31	76	47	82	52
8	56	30	73	38	90	43	95	37	92	49	98	51
9	86	27	98	33	83	40	100	32	90	43	87	49
10	81	25	100	27	67	33	100	30	98	38	73	49
11	82%	21%	99%	23%	73%	33%	99%	28%	97%	33%	81%	39%
12	84	24	99	26	77	28	100	25	92	33	76	37
13	83	14	99	19	65	23	100	21	73	31	73	33
14	69	28	-	-	82	45	100	34	-	-	93	53
15	71	23	-	-	91	35	100	27	96	38	98	46
16	74%	16%	93%	27%	63%	28%	99%	22%	73%	33%	67%	40%
17	91	27	93	46	99	49	99	50	99	34.73	99	43.93
18	79	28	100	37	84	41	100	37	98	47	98	60
19	84	28	100	30	83	35	100	32	98	40	92	54
20	70	34	96	47	100	50	98	47	99	74	100	89
21	96%	38%	100%	41%	96%	54%	100%	53%	100%	67%	99%	91%
22	84	40	98	47	93	57	97	49	97	59	100	74
23	92	32	99	36	92	43	99	34	96	45	94	59
24	84	28	100	29	87	34	99	29	88	40	88	53
25	43	25	96	35	81	44	99	36	77	-	99	60
26	66%	20%	90%	31%	64%	32%	100%	25%	81%	33%	82%	39%
27	76	22	100	31	70	32	99	27	92	38	68	50
28	79	25	99	30	72	30	100	23	74	38	66	47
29	70	24	94	33	67	37	98	30	100	51	100	52
30	93	42	100	44	98	48	97	45	100	73	100	72
MONTH AVE.	80%	29%	97%	36%	82%	40%	99%	36%	91%	48%	88%	56%
	(Ave. 54%)		(Ave. 66%)		(Ave. 61%)		(Ave. 68%)		(Ave. 70%)		(Ave. 72%)	

Giant White Pine Forest:

Date	High	Low
Aug. 30	100%	65%
" 31	100	48
Sept. 1	100	98
" 2	98	96
" 3	98	94
" 4	98	65
" 5	100	-

(Adjusted to
30 days)

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

OCTOBER 1964

by R. L. Day

Date	2610' College of Mines		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge		2635' Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	56	41	53	38	56	39	49	41	50	36	59	37
2	62	42	58	43	58	30	50	35	53	39	58	27
3	60	30	58	38	60	19	46	29	53	31	61	17
4	65	35	67	41	70	21	53	29	62	33	69	15
5	72	39	73	47	78	24	57	30	70	40	76	19
6	73	46	75	49	80	27	59	35	77	48	77	23
7	80	44	81	56	85	28	62	36	76	47	81	23
8	64	49	60	49	60	41	53	43	52	47	62	33
9	57	47	51	47	54	39	52	41	50	43	55	32
10	62	50	56	45	59	47	51	47	56	43	60	45
11	69	47	66	49	72	31	52	36	63	38	70	27
12	77	51	76	56	80	31	56	36	78	50	77	27
13	78	51	75	57	79	31	58	37	74	57.54	76	27
14	61	44	57	52	55	34	51	40	54.49	47	58	31
15	56	46.41	49	41	51	40	47	40	48.43	39	55	40.30
16	48	35	45	34	49	33.31	41	33	44	33	50	24
17	50	35	47	35	49	31	43	33	44	32	51	31
18	56	32	54	36	59	19	42	27	54	29	56	15
19	64	40	65	42	70	23	49	29	66	34	65	17
20	68	42	67	46	73	25	51	31	69	47	70	20
21	64	33	64	45	67	23	50	30	61	44	66	18
22	66	36	66	44	68	23	52	31	58	42	66	17
23	65	36	63	41	66	22	50	29	63	39	62	16
24	59	34	59	44	62	22	46	29	60	40	60	16
25	53	46	49	44	52	38	46	41	48	40	53	34
26	46	39.32	43	36	48	36.26	40	38.30	42	32	45	37.23
27	43	31	40	34	38	19	34	26	38	25	40	17
28	59	38	57	36	63	36	48	33	59	36	56	36.30
29	57	49.41	59	49.39	55	33	51	37	55	41	56	28
30	55	41	50	39	49	41	47	42	44	38	49	42
31	54	44	51	43	55	32	48	36	50	39	53	29
MONTH	61.3	40.4	59.2	43.4	61.9	29.9	49.5	34.6	56.8	39.6	61.1	25.5
AVE.	50.8		51.3		45.9		42.0		48.2		43.3	

RAINFALL	College of Mines	Harvard Valley Flat	1 mile S of Giant Pines	Emida Ridge	Subalpine Fir Meadow	Genesee Flat
Oct. 3 - 10	0.41	0.97	0.86	0.87	0.40	0.23
Oct. 10 - 17	0.05	0.17	0.21	0.29	0.03	0.02
Oct. 17 - 24	0	0	0	0	0	0
Oct. 24 - 31	0.35	0.50	0.62	0.53	0.47	0.70
Totals	0.81	1.64	1.69	1.69	0.90	0.95

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - OCTOBER 1964

Page 2

Date	2865'		2660'		2900'		1436'		760'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	55	39	56	41	57	41	64	43	68	41
2	58	39	60	35	60	51	69	45	71	44
3	61	30	60	20	57	35	65	36	71	36
4	70	34	67	26	66	35	69	34	71	33
5	78	40	74	23	73	40	72	37	75	34
6	77	44	78	30	76	45	76	40	79	37
7	83	47	80	29	77	47	80	44	83	40
8	61	50	61	52.42	59	51	69	55	72	51
9	54	45	52	36	51	46	57	45	61	41
10	59	48	60	41	59	47	67	47	71	41
11	71	42	69	40	67	43	73	45	78	41
12	80	48	77	46	74	47	78	48	83	42
13	78	49	79	39	75	50	78	45	80	42
14	57	45	60	37	58	47	62	49	65	46
15	53	45.40	54	39.33	52	47.40	60	52	65	51
16	50	35	50	33	49	34	58	35	60	34
17	51	37	52	37			59	41	62	41
18	57	31	57	27			61	33	66	31
19	67	36	64	30			66	35	71	31
20	71	41	70	32	66		68	37	72	33
21	67	37	68	19		33	66	34	69	33
22	67	42	66	27			67	35	70	32
23	65	36	65	21			65	36	69	32
24	62	36	62	18	61		63	35	68	31
25	51	35	51	37			53	44	55	45
26	47	38.32	47	37.31			52	42	58	41
27	40	30	40	28		31	42	33	45	30
28	60	39	58	37			58	40	60	40
29	59	44	53	38			54	44	58	-
30	49	42	54	42			58	45	61	48
31	54	42	53	43	51		59	43	61	39
MONTH AVE.	61.7	39.8	61.2	32.9	--	--	64.1	41.2	67.7	38.4
	5.8		47.0		--		52.6		53.0	

BADDY MOUNTAIN

Date	Temperature		Relative Humidity	
	Max.	Min.	High	Low
1	39	31	100%	72%
2	43	34	99	47
3	-	31	64	-

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

OCTOBER 1964

Date	1436' Lewiston Airport		2660' Genesee Flat		3150' Steak House Hill		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	75%	31%	100%	43%	98%	39%	98%	40%	-	-	100%	45%
2	52	31	96	42	64	26	100	32	-	-	100	38
3	73	24	100	31	58	30	100	26	-	68	82	33
4	87	27	97	24	55	23	100	21	100	55	89	29
5	86	23	100	24	62	28	100	21	100	63	86	33
6	94%	26%	100%	26%	73%	31%	99%	22%	100%	70%	86%	35%
7	85	26	100	26	65	21	100	16	100	59	96	38
8	97	54	98	56	100	56	98	50	100	98	100	77
9	100	81	97	82	100	86	98	67	100	98	100	85
10	94	52	98	53	100	61	98	55	100	97	100	61
11	88%	38%	96%	34%	83%	22%	99%	29%	100%	98%	100%	53%
12	82	32	87	31	49	23	98	19	100	89	90	26
13	82	35	97	23	62	26	98	22	100	71	82	31
14	80	58	98	55	83	65	100	55	100	96	100	85
15	84	50	95	58	99	77	99	64	100	97	100	94
16	83%	30%	100%	39%	97%	47%	99%	40%	99%	70%	100%	55%
17	87	34	-	-	98	47	99	45	100	71	100	57
18	91	35	-	-	75	28	99	25	99	80	100	29
19	84	29	-	-	50	28	99	23	100	85	96	34
20	68	37	-	-	67	32	100	23	100	87	82	36
21	92%	39%	-	-	71%	35%	100%	30%	100%	87%	93%	44%
22	86	32	-	-	65	33	100	28	100	70	82	48
23	93	34	-	-	84	37	100	32 ^e	100	79	100	42
24	90	38	-	-	72	43	100	35	100	92	90	48
25	96	83	-	-	97	47	99	62	99	94	98	83
26	98%	62%	-	-	100%	52%	99%	44%	99%	96%	99%	58%
27	98	88	-	-	99	50	100	97	100	97	98	83
28	98	60	-	-	100	56	99	45	100	100	98	57
29	98	74	-	-	98	50	100	70	100	100	96	63
30	99	75	-	-	97	82	98	90	100	100	96	93
31	96	58	-	-	92	65	98	55	100	99	95	70
MONTH AVE.	88%	45%	-	-	81%	44%	99%	42%	100%	85%	95%	54%
	(Ave. 66%)				(Ave. 62%)		(Ave. 70%)		(Ave. 92%)		(Ave. 74%)	

e = estimated

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOO, IDAHO

NOVEMBER 1964

by R. L. Day

Date	2610' University of Idaho		3150' Steak House Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Flat		2800' Giant White Pine Forest		3700' Emida Ridge				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1	56	47	52	48	44		52	36	49	37	49	45	42		
2	46	43	38	42	38		48	39	28	41	39	31	41	36	31
3	46	32	43	37			48	20	38	27	41	29			
4	61	44	57	43			62	41	38	47	38	57	41		
5	50	42	36	47	39		53	37	27	47	39	31	48	37	
6	51	34	48	34			55	20	39	27	51	27			
7	48	34	46	38			52	20	39	28	48	32			
8	46	53	44	31			41	29	38	31	38	30			
9	51	34	49	34			50	35	45	37	46	38			
10	48	39	37	45	38	34	46	36	43	37	41	36	32		
11	41	34	37	32			40	30	35	31	32	27			
12	37	33	31	37	31	29	33	31	32	31	29	26			
13	32	30	29	29	27		32	28	31	29	27	24			
14	35	27	31	27			41	24	32	27	30	22			
15	32	29	23	28	24		32	23	17	30	25	23	29	22	
16	35	19	31	20			40	13	31	19	33	17			
17	31	21	31	20	28	18	36	13	32	18		20			
18	32	27	25	33	28	23	29	20	31	24					
19	28	26	27	23	29	26	28	25	28	26					
20	41	27	36	25	42	28	40	27	25	32	28	37			
21	41	26	39	21	46	21	48	15	32	21					
22	36	26	34	26	36	26	35	19	32	23					
23	43	36	38	34	43	36	42	31	32	31					
24	54	41	50	38	54	41	50	39	41	32					
25	39	32	34	31	41	33	39	31	34	32	31				
26	35	30	32	27	37	32	35	28	31	28					
27	30	27	28	24	32	27	31	25	28	25					
28	39	27	31	25	34	27	39	25	31	26					
29	40	30	37	28	39	21	34	19	-	-					
30	46	38	41	36	43	39	42	31	-	-					
MONTH	41.7	31.5	38.6	30.4	--	--	41.8	25.9	35.7	28.5	--	--			
AVE.	36.6		34.5		--	--	33.4		32.1		--	--			

RAINFALL	Univ. of Idaho	Potlatch V.F.	Harvard V.F.	1 mile S of G. P.	Emida Ridge	Subalpine Fir Meadow	Genesee Flat	Lewiston Airport
Nov. 1 - 7	0.28	--	0.22	0.30	0.26	0.20	0.16	0.19
Nov. 7 - 14	0.38	--	0.67	0.80	1.24	0.89	0.39	0.11
Nov. 14 - 21	0.01	T	0.01	0.19	--	0.02	0.03	0.02
Nov. 21 - 28	1.82	1.91	1.73	3.14	--	2.73	--	0.74
Nov. 28 -	1.04	1.54	3.15	2.78	--	--	--	0.62
Dec. 5								
Totals	3.53	--	5.78	7.21	--	--	--	1.68

TEMPERATURE RECORDS IN THE VICINITY OF BOCCON, IDAHO - NOVEMBER 1964

page 2

Date	2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		2660' Genesee Flat		2900' Genesee Hill		1436' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	52	29	52	46	52	39			55	43	58	41
2	48	39 25	47	42 38	46	42 31			56	44	58	48
3	46	17	44	30	43	29			49	33	54	34
4	57	31	59	43	59	38	57		62	44	65	40
5	53	33 23	52	43 37e	50	38 29			57	44	62	48
6	48	18	48e	31	51	26			55	35	56	32
7	46	17	46e	34	47	23	32		40	33	40	32
8	43	25			42	30			45	35	47	36
9	51	35	51		49	35			46	36	49	36
10	46	34			50	36			47	37	50	36
11	40	31			44	30			50	36	54	34
12	34	31			36	30			46	37	48	37
13	34	25			34	30 28			40	34	42	35
14	36	14		27	36	21	27		42	33	43	32
15	32	16 9			32	28 18			37	31	39	30
16	28	6			33	13	19		35	21	38	20
17	32	8			50	17			32	23	35	22
18	34	19			30	21			35	25	38	32
19	30	27			29	26			36	31	40	30
20	38	28 17			40	16			41	26	42	28
21	35	12			42	24	39		42	30	43	30
22	34	13			37	23	24		37	27	39	28
23	39	32			43	32			48	34	49	32
24	45	34			49	39	47		58	40	59	40
25	37	30			40	31			47	34	53	34
26	33	25			38	31			47	34	53	37
27	28	25			34	26			40	28	43	32
28	33	25			33	26	28		37	30	40	29
29	34	23			37	27			41	32	41	30
30	36	31			45	34			48	37	45	32
MONTH	39.4	23.0	--	--	41.0	27.6	--	--	45.0	33.6	47.4	33.6
AVE.	31.2		--		34.3		--		39.3		40.5	

Valley Flat
near Giant Pines

Date	Temperature		Relative Humidity	
	Max.	Min.	High	Low
29	34	19	100%	98%
30	34	28	100	99

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

NOVEMBER 1964

Date	1436' Lewiston Airport		2610' University of Idaho		3150' Steak House Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Fl.		2800' Giant White Pine Forest		3700' Emida Ridge	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	93%	79%	97%	57%	97%	60%			98%	66%	100%	100%	99%	72%
2	98	35	97	59	98	59			98	51	100	85	100	56
3	85	63	91	67	79	62			99	53	100	96	94	64
4	68	46	88	37	80	35			97	30	100	94	74	42
5	89	53	98	59	98	60			99	50	99	69	98	54
6	94%	57%	100%	60%	100%	57%			100%	44%	100%	95%	100%	56%
7	100	91	97	72	81	73			99	57	98	98	99	54
8	96	75	100	79	100	76			100	88	100	96	100	99
9	93	81	99	63	99	69			99	74	100	100	98	76
10	100	84	98	65	100	73			100	74	100	100	100	93
11	80%	40%	98%	64%	99%	69%			98%	62%	100%	98%	100%	94%
12	97	60	100	72	85	100	54	99	99	86	92	100	100	99
13	96	61	100	78	87	99	88	91	96	82	86	99	98	98
14	98	54	100	72	100	57			100	66	98	98	99	84
15	90	71	99	74	100	75			100	70	100	97	98	77
16	93%	76%	98%	68%	96%	64	76%		100%	51%	100%	100%	97%	79%
17	95	79	100	86	100	86	99%	93%	100	65	100	100		
18	95	78	100	84	97	100	71	96	100	98	100	100		
19	90	77	100	99	100	100	100	98	100	88	100	100		
20	98	64	100	70	100	94	100	60	100	68	100	100		
21	93%	68%	100%	74%	100%	64%	100%	55%	100%	47%	100%	100%		
22	98	85	98	91	98	88	100	93	100	91	100	100		
23	95	63	97	67	98	84	96	80	100	73	100	100		
24	95	58	96	68	98	80	97	76	98	82	93	100	100	
25	85	54	98	68	97	77	97	72	98	72	100	100		
26	90%	39%	98%	61%	98%	68%	99%	64%	99%	63%	100%	100%		
27	95	45	98	73	98	72	98	65	97	59	100	100		
28	100	80	100	78	98	86	99	78	100	73	100	100		
29	97	89	100	86	100	88	95	100	94	100	96	98	100	100
30	96	84	99	80	82	100	90	93	100	87	92	100	83	100
MONTH	93%	66%	98%	71%	97%	73%	--	--	99%	69%	100%	97%	--	--
AVE.	80%		84%		85%		--	--	84%		98%		--	--

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

DECEMBER 1964

by R. L. Day

Date	2610' University of Idaho		3150' Steak House Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Flat		2700' Meadow near Giant Pines	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	47	40	43	38	48	31	45	40	43	33
2	42	39	39	37	42	38	42	37	41	36
3	39	35	35	31	36	33	36	32	35	33
4	42	32	38	30	41	31	44	31	41	31
5	42	30	37	29	42	27	41	22	42	25
6	38	30	36	29	41	26	44	18	42	20
7	38	28	36	28	41	27	42	16	42	19
8	41	33	38	30	41	33	35	29	34	29
9	41	37	38	34	41	35	40	32	41	33
10	42	36	40	33	45	36	40	32	40	32
11	36/29	28/21	32/26	24/20	36/29	28/25	36/28	27/20	36/29	28/21
12	37	17	33	18	36	16	36	11	35	13
13	37	32	35	30	37	33	37	24	37	33
14	34/32	28	30	24	31	28	31	22	31	23
15	30	27/12	27	24/8	29	27/11	29	27/8	30	28/5
16	12/-6	-12	8/-8	-14	11/-5e	-12	10/-4	-20	5/-3	-23
17	5	-15	8	-15	10e	-20	11	-28	10	-29½
18	21	2	21	5	22e	2e	22	0	23	-3
19	36	13	32	13	39	14e	36	14	33	15/8
20	34	26	31	27	35	16e	34	8	35	5
21	40	29	36	27	40	26	37	22	36	21
22	53	32	49	34	53	32	51	31	49	33
23	49/47	44/30	46/42	40/29	49/47	45/31	48/45	43/27	48/44	44/29
24	30	28/25	28	27/23	32	30/27	30	25	31	28
25	27	19	30	15	31	9	31	4	30	7
26	40	27	36	29	40	31	37	22	35	24
27	34	30/22	32	28/25	36	30/13	34	26/12	34	27/12
28	33	20	28	22	31	20/11	31	10	30	11
29	29	20	27	21	30	18	30	9	30	10
30	31	20	28	21	30	15	33	11	31	8
31	30	15/12	24	22/17	25	11/8	24	12	24	11
MONTH	35.2	23.3	32.3	22.5	35.5	21.3	34.7	17.2	35.0	17.3
AVE.	29.2		27.4		28.4		26.0		26.2	

e = estimated

PRECIPITATION	Univ. of Idaho	Potlatch Valley Flat	Harvard Valley Flat	Meadow near Giant Pines	Lewiston Airport	Subalpine Fir Meadow
Dec. 5 - 13	0.44	0.12	0.23	0.91	0.10	1.07
Dec. 13 - 20	0.93	-	0.64	1.36	0.20	-
Dec. 20 - 26	3.40	3.25	3.40	4.86	2.05	4.16
Dec. 26 - Jan. 1	0.31	0.16	0.30	0.53	0.47	-
Totals	5.08	-	4.57	7.66	2.82	-
(December)	(5.68)				(3.22)	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - DECEMBER 1964

page 2

Date	2635' Subalpine Fir Meadow		2660' Genesee Flat		1413' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	41	33	47	41	52	42	53	41
2	41	36	42	39	47	42	49	40
3	37/34	32	39	33	45	38	48	40
4	36	25	40	30	44	30	46	37
5	33	19	40	28	41	29	42	29
6	33	14	38	25	41	24	42	25
7	33	12	39	25	46	28	47	23
8	35	27	39	32	46	34	50	33
9	42	32	45	34	50	38	47	36
10	37	30	42	35	48	38	47	37
11	35/29	27/21	37/30	27/23	41	31	45	33
12	34	9	34	15	39	22	41	20
13	35	20	37	26	44	35	45	27
14	32	19	32	27	39	30	43	29
15	30	27/13	31	27/11	40	24	42	22
16	13/-5	-28	-	-20	24	-4	26	-3
17	-	-35	2	-23	5	-11	10	-6
18	-	-	18	2	17	1	17	2
19	-	-	36	16	41	12	38	15
20	-	-	-	-	37	25	38	21
21	-	-	-	-	39	30	40	29
22	-	-	-	-	57	33	58	34
23	-	-	-	-	52	43	55	45
24	-	-	-	-	43	31	43	29
25	27	-	-	-	28	22	29	21
26	34	23	-	-	38	26	39	28
27	33	27	-	-	35	27	38	22
28	30	0	-	-	31	20	34	22
29	27	0	-	-	30	18	34	20
30	28	2	-	-	35	18	35	20
31	26	7/-1	-	-	31	23	33	19
MONTH	--	--	--	--	38.9	25.8	40.5	25.5
AVE.	--	--	--	--	32.4		33.0	

Total Precipitation September 1 through December 31, 1964:

Moscow, University of Idaho	10.28 inches
Giant White Pines, 1 mile south of	19.07 "
Lewiston Airport	6.38 "

Temperatures on Hilltop Near Subalpine Fir Meadow	Date	Max.	Min.
	29	29	18
	30	29	19
	31	26	17

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

DECEMBER 1964

Date	1413' Lewiston Airport		2610' University of Idaho		3150' Steak House Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Flat		2700' Meadow near Giant Pines	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	91%	68%	98%	78%	100%	96%	97%	86%	97%	90%	100%	97%
2	100	92	100	93/95	100	98	98	93	98	90	100	94
3	99	83	98	80	100	87	100	91	99	92	100	96
4	100	79	100	79	99	78	100	79	100	62	100	80
5	100	78	97	72	94	76	98	67	97	64	98	70
6	100%	76%	97%	72%	88%	67%	99%	62%	100%	50%	97%	56%
7	88	55	90	68	81	62	97	57	98	48	97	51
8	86	68	99	65/88	100	94	100	93	100	89/98	86	68
9	80	55	96	85	99	92	96	82	98	75	100	83
10	100	64	100	70/76	100	82/88	98	75	99	67/79	91	60
11	72%	42%	98%	64%	100%	63%	92%	60%	94%	57%	94%	70%
12	81	50	97	64	96	67	96	65	100	62	93	68
13	61	41	74	63	78	48	86	64	92	58	72	59
14	100	46	100	48/97	98	48/95	100	61/90	100	87	98	94
15	97	53	100	-	98	58	100	52	99	53	99	53
16	69%	46%	-	-	82%	57/75%	-	-	92%e	57/70%	92%	62/72%
17	73	38	-	-	82	54	-	50%	100e	42	100e	51
18	79	60	-	-	73	43	-	-	90	50	90	56
19	95	58	99%	-	96	70	97%	-	99	69	98	85
20	100	85	100	83%	100	90	-	-	99	77	100	88
21	98%	90%	100%	73/91%	100%	98%	-	-	99%	95%	100%	95%
22	100	82	100	70	99	90	-	-	100	78	100	88
23	99	54	100	75	99	68	-	-	96	74	95	71
24	100	92	100	92/100	99	98	-	-	99	97	99e	94
25	92	81	99	95	98/90	66/80	-	-	98	75	98e	81
26	97%	55%	100%	77%	100%	88%	100%	94%	100%	83%	100%	99%
27	100	92	98	89	100	88	97	84	100	89	99	89
28	100	85	97	86	98	80	97	81	98	87	98	90
29	100	71	98	76	97	72	96	66	97	71	97	80
30	94	68	100	62/67	98	65	97	66	96	67	98	81
31	100	84	100	67	98	74	98	79	97	79	97	83
MONTH AVE.	92%	67%	98%	75% *	95%	75%	--	--	98%	75%	97%	78%
	80%		86%		85%		--		86%		86%	

e = estimated

* Mean low relative humidity at Potlatch obtained by comparison of record with that at Harvard.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JANUARY 1965

by R. L. Day

Date	2610' University of Idaho		3150' Steak House Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1	27	12	25	17	28	7	30	8	23	18	
2	35	25	32	24	36	26	36	27	29	18	
3	37/33	31/18	35/31	31/25	38/34	31/9	38	33/10	32	28/19	
4	31	18	31	23	32	15	26	10	27	19	
5	44	31	41	30	42	29	43	23	36	25	
6	38/35	32/30	37/33	32/29	38/34	32/29	33	31/28	32	27	
7	30	22	30/27	22	30	24	29	23	28/23	21	
8	30	25	26	24	29	25	28	18	25	21	
9	31	23	28	21	33	23	33	18	27	21	
10	32	27	30	27	31	24	31	16	30	22	
11	30	27	29	26	32	27	32	26	30	26	
12	38	28	31	26	35	27/23	33	27/21	28	24	
13	36	28	35	30	36	25	34	17	32	24	2670'
14	41	34	41	35	40	34	40	31	38	32	Meadow
15	45	34/29	45	34	49	30/27	48	20	36	31	1 mile S of Giant Pines
16	42	25	37	27	37	27	41	22	38	27	Max. Min.
17	32	24	30	25	30	23	29	15	42	25	
18	35	25	32	26	31	26	33	20	40	30	
19	37	22	36	23	31	22	40	13	43	27	45 11
20	32	26	32	25	34	27	33	24	31	24	
21	34	31/27	32	28	34	31/28	33	30/28	30	30/27	
22	31	28/25	29	27	30	26	32	26	28	24	
23	39	22	35	26	38	22	34	19	31	22	
24	34	32/28	34/27	26	34/31	29	33/30	28	32/26	24	
25	31	29	28	26	31	29	32	27	26	24/22	
26	41	27	39e	27	43	32	41	29	35e	24	
27	41	36	39	33e	42	39	42	38	35	32e	
28	46	37	43	33	45	33	44	33	39	32	
29	47/42	40/38	43/38	37/35	45/40	38/35	44/39	36/33	39/38	36/33	
30	50	35	47	33	51	33	49	31	42	31	48
31	39	32	35	29	39	31	36	31	30	25	
MONTH	36.6	26.9	34.4	27.2	36.3	26.1	35.8	23.0	32.7	25.1	
AVE.	31.8		30.8		31.2		29.4		28.9		

e = estimated

PRECIPITATION Inches	University of Idaho	Potlatch Valley Flat	Harvard Valley Flat	1 mile S of Pines	Lewiston Airport
January 1 - 9	0.70	0.66	0.83	1.53	0.84
" 9 - 16	0.19	0.13	0.31	0.36	0.27
" 17 - 27	1.40	1.18	1.62	3.23	1.20
" 27 - 31	1.12	0.81	2.16	2.01	0.68
Total	3.41	2.78	4.92	7.13	2.99

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Date	2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		1413' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	25	0	26	14	30	12	35	13
2	32	19	35	24	38	22	40	20
3	35	29/10	37	31/22	42	33	45	30
4	29	4	29	20	32	19	36	22
5	39	21	41	29	44	29	40	25
6	36	34/31	35	35/31	37	32	39	30
7	31	26	31/28	24	38	22	39	26
8	31	18	28	23	35	25	39	26
9	28	16/11	32	24	34	20	36	20
10	34	9	31	24	34	21	35	24
11	35	28	33	28	36	30	36	29
12	35	29/18	36	27	38	28	42	30
13	37	16	36	26	38	28	41	31
14	41	33	44	33	39	32	43	30
15	40	20	51	30	36	28	39	28
16	37	19	44	24	34	31	38	30
17	36	16	38	32	34	31	38	30
18	38	19	37	25	35	30	37	30
19	40	12	40	23	34	30	38	30
20	36	26	35	25	34	29	37	31
21	36	33	33	32/29	43	32	46	30
22	33	21	31	25	38	28	42	28
23	34	16	37	24	35	27	36	25
24	35	30	34	29	43	33	44	32
25	33	28	31	28	37	31	40	34
26	-	31	-	30	42	26	43	28
27	-	-	-	-	49	41	51	42
28	-	-	-	-	47	39	52	37
29	-	-	-	-	50	40	54	35
30	45	-	45	-	50	39	52	40
31	40	31	37	30	48	35	50	39
MONTH AVE.	36.2e 28.8e	21.4e	37.0e 32.0e	26.9e	38.8 34.0	29.2	42.4 35.8	29.2

e = estimates on monthly average, based upon comparison with records at other stations.

Total Precipitation September 1, 1964 - January 31, 1965:

Moscow, University of Idaho	13.69 inches
Giant White Pines, 1 mile south	26.20 "
Lewiston Airport (Weather Bureau)	9.37 "

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

JANUARY 1965

Date	1413' Lewiston Airport		2610' University of Idaho		3150' Steakhouse Hill		2500' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (NS Ski Bowl)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	92%	62%	89%	57%	96%	60%	96%	59%	97%	48%	--	81%
2	80	60	100	64	98	56	98	58/65	94	48/55	97	81
3	89	58	100	69	98	64/75	96	64/72	98	52/71	98	78/92
4	93	73	98	66	95	60	95	68	97	90	97	86
5	88	67	100	62	93	67	98	69	99	58	98	88
6	100%	95%	100%	84/95%	100%	87%	98%	85/92%	100%	97%	100%	98%
7	91	64	100	81	100	94	97	79	99	80	98	96
8	96	81	99	87/92	99	98	94	92	98	90	97	96
9	91	70	98	72	98	82	92	64	97	71	97	92
10	100	79	98	73/96	98	74	97	81	99	93	98	96
11	100%	90%	100%	96%	99%	98%	97%	93%	100%	91%	99%	96%
12	98	86	99	72	98	82	96	76	98	81	98	97
13	100	87	94	79/84	95	82	95	85	100	92	100	98
14	100	88	96	73	93	70	93	78	100	85	100	83
15	100	99	97	81	98	81	98	73	100	68	100	100
16	100%	94%	100%	80%	100%	92%	100%	95%	100%	76%	100%	98%
17	100	94	98	97	100	99	98	97	100	90	100	97
18	100	80	100	97	99	97	100	98	100	90	98	74
19	100	94	100	100	99	87	100	97	99	73	98	66
20	100	91	100	100	100	98	99	97	99	93	100	99
21	100%	60%	98%	76%	100%	88%	100%	88%	99%	84%	100%	98%
22	99	77	98	74/93	99	86/97	98	89	97	80	100	98
23	95	84	100	87	99	77/98	99	84	98	80	97	93
24	100	54	100	85	99	89	100	82	99	72	98	96
25	98	67	97	83/95	98	85/95	97	90	96	82	97	97
26	95%	78%	100%	78%	98%	80%	100%	75%	98%	72%	98%	96%
27	91	65	98	86	98	97	96	90	97	82	100	97
28	98	80	100	90	100	96	100	93	100	94	100	99
29	97	87	98	87	100	94	100	93	100	89	100	85
30	96	83	98	68	100	64	100	65	100	63	100	82
31	63	31	90	66	90	77	95	60/72	90	57/68	90	55/77
MONTH AVE.	95%	77%	98%	80%	98%	83%	97%	81%	98%	78%	98%	90%
		86%		89%		90%		89%		88%		94%

28th: Lookout Pass (U.S. Highway 10 at Idaho-Montana state border) has 132 inches of snow on the ground; 302 inches has fallen so far this winter.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

FEBRUARY 1965

by R. L. Day

Date	2610' University of Idaho		3150' Steak House Hill		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2670' Meadow near Giant Pines		3700' Emida Ridge (N-S Ski Bowl)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	34	28	32	27	35	30	35	27	35e	25	30	23
2	34	26	32	27	34	25	35	23	36	20	32	23
3	37	29	39	28	38	29	39	29	41	28	36	25
4	52	37	48	38	51	37	50	32	49	31	45	32
5	54	41/35	51	41/35	55	35	55	32	50	29	45	37/32
6	35	30	35/32	28	35/33	29	33	29/27	36/32	28/15	32/27	23
7	38	27	34	28	40	25	38	22	37	14	32	22
8	39	32	36	31	39	32	37	29	37	26	31	27
9	30	24	29	23	32	26/23	33	23/21	32	13	29	19/17
10	32	23	30	20	34	23	35	19	36	13	30	16
11	28	19	27	20	31	14	29	8	29	2	25	12
12	37	27	34	26	38	26	41	20	41	17	37	20
13	44	31	39	30	44	31	41	30	40	29	34	27
14	33	29	30	25	33	29	35	27/20	33	26/17	31	22
15	36	28	32	25	36	24	32	17	32	12	30	19
16	38	33	38	32	37	33	34	32	34	32	32	30
17	52	36	48	37	55	33	53	31	51	31	48	33
18	55	37	53	38	58	33	57	24	58	19	55	37
19	55	38	53	41	56	34	55	25	54	19	48	34
20	45	34	40	32	44	34/28	44	35/25	46	35/25	40	29
21	44	32	42	35/32	44	27	45	21	44	19	41	24
22	37	30	32	28	37	30/28	38	29/23	38	30/22	30	26/24
23	38	23	36	23	36	21	34	13	34	13	29	19
24	44	29	40	30	46	26	45	17	47	14	44	23
25	51	35	47	37	50	32	50	24	49	21	47	31
26	48	39	46	41	50	34	48	29	48	27	46	36
27	43	37/34	38	35/32	41	38/32	40	35/32	40	33	38/34	32/27
28	33	23	33	25	39	26	38	25	35	25	28	19
MONTH	39.8	30.3	38.2	30.0	41.6	28.5	41.0	24.2	40.7	21.1	36.3	24.2
AVE.		35.0		34.1		35.0		32.6		30.9		30.2

PRECIPITATION	Lewiston Airport	Wawa- wai	Univ. of Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mile S of Giant Pines	N-S Ski Bowl	Sub-Alp. Fir Mead.
February 1 - 7	0.02	--	0.05	0.02	0.02	0.12	0.20	0.03e
" 7 - 14	0.05	0.43	0.48	0.38	0.68	0.86	0.75e	0.78
" 14 - 21	0.22	0.56	0.44	0.41	1.24	1.64	1.35	1.08
" 21 - 28	0.11	0.48	0.54	0.56	0.75	0.92	1.00e	0.69
Totals	0.40	--	1.51	1.37*	2.69*	3.54*	3.30	2.58*

e = estimated

*Some evaporation loss occurred, probably in the range of 0.2 to 0.3 inch at Potlatch and perhaps 0.1 to 0.2 inch at the other stations marked.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - FEBRUARY 1965

page 2

Date	2635'		2865'		690'		1413'		760'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	36	21	34	27	-	-	40	28	46	25
2	36	15	34	21	-	-	37	25	40	24
3	40	19	38	29	-	-	40	31	43	31
4	43	32	45	34	-	-	59	38	60	37
5	45	30	51	38	-	-	64	41	65	35
6	34	30/22	35/33	29	-	-	44	35	46	37
7	38	16	-	-	50	33	45	28	48	27
8	37	24	-	-	52	35	48	31	53	29
9	31	22/10	-	-	43	34/30	40	30	45	31
10	34	10	-	-	45	30	41	25	42	25
11	29	0	-	12	37	24	35	21	37	19
12	40	23	39	-	47	29	44	25	47	24
13	40	30	39	-	54	38	50	33	53	34
14	37	28/16	-	-	43	33	42	33	44	33
15	37	14	-	23	49	33	38	28	40	29
16	38	33	-	-	45	39	43	33	45	33
17	51	29	-	-	63	39	60	36	63	35
18	53	21	56	-	64	39	64	37	64	33
19	53	20	-	-	66	38	64	44	66	36
20	46	32	-	-	56	42	54	33	57	33
21	43	20	-	-	50	34	44	32	46	30
22	36	32/26	-	-	50	39	44	35	47	35
23	36	12	-	-	50	31	46	28	47	29
24	46	17	-	-	52	33	49	29	52	25
25	49	21	-	-	61	37	59	34	59	32
26	44	29	-	-	54	42	51	38	54	38
27	41	34	-	-	54	47/	53	42	54	42
28	38	25	-	-	-	-	43	32	43	32
MONTH	40.2	21.5	--	--	--	--	47.9	32.3	50.2	31.2
AVE.	30.8		--	--	--	--	40.1		40.7	

Total Precipitation September 1, 1964 through February 28, 1965:

Moscow, University of Idaho 15.20 inches
 Giant White Pines, 1 mile south * 29.74 "
 Lewiston Airport (Weather Bureau) 9.77 "

*Plus evaporation loss of perhaps 0.25 inch

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

FEBRUARY 1965

Date	1413' Lewiston Airport		690' Wawawai Snake River Canyon		3150' Steak House Hill		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2670' Meadow near Giant Pines		3700' Emida Ridge (M-3 Ski Bowl)	
	High	Low	High	Low*	High	Low	High	Low*	High	Low	High	Low	High	Low
1	97%	64%	-	-	98%	84%	97%	69%	98%	64%	-	-	98%	50%
2	92	74	-	-	94	76	100	61	98	52	99%	49%	100	57
3	98	80	-	-	100	77	100	69	100	67	99	62	100	77
4	72	40	-	-	80	47	97	43	100	47	100	44	100	51
5	80	29	-	-	87	47	97	41	100	42	100	49	97	55
6	64%	45%	-	-	75/96%	86%	97%	68/79%	97%	63/78%	100%	62/75%	99%	93%
7	79	55	-	-	97	75	100	57%	100	60	100	60	100	81
8	86	44	-	-	100	68	97	58	99	63	97	67	100	85
9	67	30	-	-	98	41	94	40	97	42	98	43	97	53
10	81	36	-	-	97	57	94	54	97	52	97	47	98	52
11	89%	48%	-	-	90%	65%	95%	57%	100%	60%	100%	55%	99%	72%
12	91	57	-	-	99	71	92	58	98	51	97	47	100	55
13	98	62	-	58%	100	88	-	-	100	77	100	83	100	97
14	96	51	98%	63	98	82	-	-	93	65	95	62/65	97	66
15	98	79	100	60	100	96	-	-	100	92	100	98	100	98
16	99%	89%	99%	90%	100%	98%	-	-	100%	96%	100%	95%	100%	99%
17	99	58	99	55	98	74	-	-	100	57	100	62	100	70
18	92	46	97	50	88	55	-	-	99	46	100	44	98	44
19	72	28	97	32	85	44	-	-	99	42	100	42	97	54
20	88	38	80	41	98	58	-	-	97	48	93	50	99	45
21	82%	63%	93%	51%	100%	52%	-	-	100%	40%	100%	48%	100%	51%
22	95	56	93	46	100	57	-	-	100	52	99	54	100	73
23	78	40	91	47	95	66	-	-	99	61	100	67	99	86
24	89	55	97	60	85	55	-	-	99	50	100	50	99	60
25	81	37	91	43	70	55	-	-	100	42	100	43	85	48
26	89%	59%	93%	56%	80%	52%	-	-	99%	47%	100%	46%	76/98%	49%
27	85	31	99	47	98	56	-	-	100	53	100	56	100	67
28	65	32	-	-	98	44	-	-	87	39	98	43	97	52e
MONTH AVE.	86%	51%	--	--	94%	69%	--	--	98%	57%	99%	57%	98%	66%
		68%				82%				78%		78%		82%

*5% deducted from original readings to correct instrumental error.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

MARCH 1965

by R. L. Day

Date	690*		2610*		3150*		2510*		2590*		2670*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	50	27	39	20	36	22	39	19	40	13	39	5
2	56	29	44	25	42	25	45	21	48	15	47	9
3	62	32	52	28	52	31	57	25	59	18	57	14
4	64	33	52	31	51	33	54	27	56	18	53	14
5	64	35	59	31	58	38	62	26	66	19	62	16
6	68	33	58	37	58	39	62	28	63	22	60	20
7	62	32	52	29	51	37	55	27	58	21	55	19
8	63	33	52	27	50	37	52	26	53	21	51	20
9	66	37	54	32	53	39	57	29	59	23	54	23
10	68	44	56	35	53	37	57	35	59	30	55	29
11	50	38	42	34	48/40	33	44	30	39	25	39	26
12	60	43	47	34	44	33	48	30	48	22	45	28
13	61	30	47	29	47	34	49	22	50	17	47	18
14	63	31	49	28	49	34	50	23	51	18	49	20
15	69	33	52	31	53	35	55	26	55	20	53	21
16	58/46	46/36	44/36	32/27	44/34	31/24	46/38	33/-	41/39	29/23	39/35	28/22
17	39	26	27	16	25	13	-	-	27	12	24	12
18	42	18	31	12	28	11	-	8	30	4	28	4
19	47	20	35	14	34	19	-	-	36	5	33	5
20	56	28	42	22	42	24	45	-	45	12	42	11
21	57	36	46	29	44	33	47	-	45	24	44	27
22	52	39	41	35	38	30	-	-	40	29	39	29
23	43	28	32	19	29	20	-	-	26	12	27	14
24	41	20	31	11	28	11	-	8	31	1	29	4
25	41	27	32	22	29	21	-	-	33	15	29	13
26	39	32	34	23	30	21	(Clock trouble)		35	16	34	16
27	41	33	36	29	30	26	-	-	37	27/24	33	27
28	54	35	46	29	38	26	-	-	42	11	40	9
29	65	40	57	36	50	33	-	-	56	28	55	28
30	67	43	56	40	53	41	-	-	56	26	57	27
31	79	43	68	36	65	46	68	-	69	25	68	27
MONTH AVE.	56.0	32.7	45.3	27.1	43.0	29.2	(45)	(24)	46.2	18.4	44.6	18.0
		44.4		36.7		36.1	(34.5)			32.3		31.3

PRECIPITATION	Lewiston Airport	Wawawai	Univ. of Idaho	Viola Hill	Potlatch Flat	Harvard Flat	1 mile S of G. P.	Sub-alp. Meadow
March 1 - 12	0.29	0.23	0.39	0.43	0.37	0.43	0.35	0.46
March 13 - 20	0.01	0	0.01	0.02	0	0.01	0.01	0.02
March 20 - 31	0.24	0.45	0.61	0.49	0.41	0.50	0.62	0.47
TOTALS	0.54	0.68	1.01	0.94	0.78	0.94	0.98	0.95

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - MARCH 1965 (Continued)

page 2

Date	2635'		2865'		2880'		3700'		1413'		760'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	41	8	39	15					46	23	50	22
2	47	10	44	19					50	24	54	22
3	57	14	55	25					56	25	58	24
4	54	13	52	26					59	30	63	23
5	61	16	60	27					60	29	63	25
6	61	19	61	32			56		61	29	65	28
7	57	19	55	29					60	30	64	29
8	52	20	52	29					59	30	63	29
9	57	24	54	31					59	34	63	32
10	55	31	54	34					61	37	65	36
11	40	26	40	31					43	36	44	34
12	47	30	44	31					53	32	51	31
13	49	17	48	24					56	26	60	26
14	52	18	50	25					59	29	61	27
15	54	19	54	27					65	30	65	33
16	39	29/27	43/37	32/23					47	36	47e	37
17	28	15	26	13					36	22	38	21
18	32	5	28	6					37	14	40	14
19	38	5	34	9					44	15	48	15
20	45	12	42	17					51	24	56	28
21	44	26	43	30					52	33	53	32
22	41	23/21	38	32/28					50	38	52	36
23	30	13	28	15					42	24	46	24
24	32	3	28	6			3		36	12	38	13
25	34	15	31	15					39	23	40	23
26	33	18	30	20					39	28	43	29
27	35	26/22	30	26					43	30	48	29
28	45	20	43	25			40	--	51	31	55	30
29	56	28	55	31			52	29	62	35	66	32
30	56	26	55	35	54	24	53	38	62	37	65	34
31	67	27	67	35	66	24	62	33	73	41	77	41
MONTH AVE.	46.4	18.3	44.4	23.8	---	---	---	---	51.9	28.6	54.8	27.7
		32.4		34.1	---	---	---	---		40.2		41.2

Total Precipitation September 1, 1964 through March 31, 1965:

Moscow, University of Idaho 16.21 inches
 Giant White Pines, 1 mile south 30.72 " *
 Lewiston Airport (Weather Bureau) 10.33 "

*Plus evaporation loss estimated at about 0.25 inch.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

MARCH 1965

Date	1413' Lewiston Airport		690' Wawawai Snake River Canyon		3150' Viola Hill		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2670' Meadow near Giant Pines	
	High	Low	High	Low*	High	Low	High	Low	High	Low	High	Low
1	86%	25%	97%	30%	79%	40%	--	--	99%	35%	100%	36%
2	84	35	97	37	73	43	93%	35%	100	32	100	36
3	85	31	98	34	77	31	98	18	100	17	100	23
4	76	23	96	27	60	31	94	28	100	26	100	30
5	81	29	89	35	54	27/30	97	27	100	18	100	23
6	87%	35%	100%	32%	50%	28/38%	99%	25%	100%	22%	100%	30%
7	90	40	100	39	82	42/62	99	51	100	37	100	38
8	97	37	100	33	85	52	99	43	100	42	100	43
9	89	20	93	27	70	28	98	24	100	22	99	27
10	96	39	89	35	97	43	96	42	100	30	98	35
11	97%	81%	100%	53%	100%	48%	100%	50%	100%	80%	100%	68%
12	76	25	62	35	52	32	93	34	99	30	95	35
13	82	32	94	23	45	33	98	38	97	32	98	37
14	86	22	94	22	51	26	98	33	98	28	98	35
15	73	16	88	19	45	24	95	31	97	28	98	33
16	73%	24%	84%	27/56%	70/94%	30/60%	99%	38/72%	91%	44/55%	96%	53/62%
17	55	27	65	30	60	32	--	--	73	32	71	40
18	57	15	84	26	48	25	--	--	95	31	92	38
19	74	21	81	26	40	21	--	27	97	24	95	32
20	62	24	70	26	41	24	--	--	97	27	98	37
21	88%	48%	78%	45%	96%	38/57%	(Clock trouble)		100%	61%	100%	66%
22	88	19	97	20	100	32	--	--	100	27	100	33
23	64	20	74	29	63	42	--	--	97	47	96	50
24	67	14	71	19	56	30	--	--	95	25	92	32
25	61	49	90	55	98	31/67	--	--	88	55	90	63
26	94%	74%	99%	75%	100%	83%	--	--	98%	65%	98%	67%
27	100	53	100	71	100	95	--	--	99	68	98	71
28	92	47	92	40	98	85	--	--	98	49	98	60
29	77	38	85	34	75	46	--	--	98	31	98	36
30	78	38	90	38	68	42/45	--	--	99	31	98	35
31	71	25	95	26	58	30	--	--	100	26	--	--
MONTH AVE.	80%	33%	89%	34%	71%	39%	(96%)	(39%)	97%	36%	97%	42%
	56%		62%		55%		(62%)**		66%		70%	

*5% deducted from original readings March 1 - 24 to correct instrumental error; another instrument installed on the 25th (Wawawai).

**Estimated averages, on basis of two weeks' record and comparison of this with other stations.

Emida Ridge:	Date	High	Low
(N - S Ski Bowl)	28	--	86%
	29	97%	48
	30	92	47
	31	98	38

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

APRIL 1965

by R. L. Day

Date	690' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2610' University of Idaho		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	70	54/46	-	-	60	49/41	57	49/39	65	35	60	43/39
2	51	41	-	-	41/36	31	39/32	29	34	31	39/30	28
3	64	41	-	-	51	33	45	31	49	31	46	28
4	65	35	-	-	56	32	52	31	56	23	50	26
5	61	40	56	37	51	34	47	28	51	24	44	33
6	53	42	47	39e	42	33	37	30	40	33	37	29
7	66	34	59	36	56	30	52	32	58	21	52	22
8	70	44	65	48	60	39	56	41	59	29	54	38
9	63/53	49/45	60/49	45	49/45	42/37	53/44	41/35	49	35/33	47	40/31
10	60	44	54	42	49	37	46	34	52	31	42	30
11	66	41	62	41	58	36	55	35	55	29	51	35
12	72	40	66	43	64	35	61	39	62	22	57	32
13	73	40	67	44	63	35	62	42	63	24	58	38
14	79	42	73	48	70	36	67	45	71	26	63	37
15	71	48	69	54	68	45	66	49	69	28	63	45
16	61/58	50	60/52	48	52/46	40	55/43	38	45	41/35	50/38	35/30
17	62	42	57	41	53	32	51	32	53	31	48	29
18	55	39	53	41	47	32	43	34	47	22	45	31
19	58	48	60	47	53	43	51	41	53	40	47	38
20	71	51	66	55	61	47	57	47	61	47	53	43
21	67	51	60	50	57	44	55	43	58	43	53	39
22	69	42	63	47	61	41	58	46	63	30	57	35
23	70	41	65	45	63	36	61	42	63	28	60	40
24	68	51	65	49	58	45	57	42	54	39	49	39
25	72	48	67	49	63	42	59	44	62	37	55	38
26	77	47	72	51	68	41	66	49	67	31	62	38
27	82	49	76	53	75	45	69	50	72	30	70	42
28	74	63	69	62	65	55	61	56	64	48	59	50
29	73	52	68	50	69	45	65	47	68	43	65	46
30	66	57	61	54	55	46	54	46	57	46	52	42
MONTH AVE.	66.5	45.1	61.6	46.2	57.4	38.9	54.3	39.9	57.3	32.1	52.2	35.7
		55.8		54.6		48.2		47.1		44.7		44.0

PRECIPITATION Inches	Lewiston Airport	Wawa- wai	Univ. of Idaho	Potlatch Val.Flat	Harvard Val.Flat	1 mi.S of G.P.	N-S Ski Bowl	Sub- alp. Fir Mead.	Bovill
April 1 - 4	0.52	0.19	0.34	0.37	0.60	0.57	0.57	)	1.00*
" 5 - 10	0.34	0.57	0.42	0.56	0.51	0.66	0.78	)	0.75*
" 10 - 17	0.15	0.04	0.11	0.24	0.30	0.35	0.56	0.20	0.31
" 17 - 25	0.64	1.55	1.68	1.92	2.15	2.78	3.27	2.35	2.86
" 25 - 30	0.34	0.13	0.08	0.08	0.10	0.15	0.13	0.35	0.50
Total	1.99	2.48	2.65	3.17	3.66	4.51	5.31	4.25	5.42

*Partially estimated.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - APRIL 1965

page 2

Date	2635' Subalpine Fir Meadow		2880' Bovill 2½ miles N		2500+'' Ridge above Wawawai		2510' Potlatch Valley Flat		1413' Lewiston Airport		760' Lewiston Downtown	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	64	35	63	30	-	-	63e	-	67	48	68	49
2	36	34	32	31	-	-	36	33	43	37	44	35
3	50	32	48	30	-	-	51	34	56	34	59	35
4	55	23	53	23	-	-	55	28	59	32	64	32
5	50	25	49	22	-	-	50	29	57	35	61	35
6	40	33/32	40	30	-	-	42	34	47	37	49	36
7	56	21	57	20	-	-	-	29	59	30	64	29
8	58	28	57	28	-	-	60	-	64	41	65	42
9	51	36/34	56	30	-	-	-	-	53	43	55	43
10	48	32	48	31	-	-	-	-	55	39	57	38
11	58	3A	56	29	-	-	-	-	63	39	67	38
12	64	23	64	22	62	38	-	-	65	40	70	34
13	64	25	64	23	63	40	-	29	69	36	74	35
14	70	27	69	25	68	42	69	-	74	41	79	39
15	68	27	67	27	-	-	68	-	72	43	73	45
16	48/44	40/31	42	37/31	-	-	-	-	54	47	58	48
17	54	27	51	31	-	37	-	-	60	36	64	34
18	46	22	46	22	-	35	-	29	54	37	58	34
19	53	41	48	38	-	-	-	-	58	46	58	44
20	62	46	59	40	61	-	-	-	69	52	74	49
21	58	44	55	37	-	-	-	-	67	49	69	47
22	62	30	61	29	-	-	-	-	68	41	70	42
23	65	28	62	27	61	-	62	32	69	40	73	38
24	56	45	52	35	-	-	-	-	63	49	71	48
25	64	35	61	35	-	-	-	-	68	45	74	42
26	68	31	67	28	67	45	-	-	74	44	77	41
27	75	29	70	27	70	45	72	32e	78	43	82	40
28	66	46	63	40	64	57	-	-	72	54	80	55
29	68	42	66	39	64	45	-	-	69	52	74	49
30	58	44	56	41	57	48/44	-	-	63	52	67	49
MONTH AVE.	57.7 45.0	32.3 45.0	56.1 43.0	30.0 43.0	-- --	-- --	-- --	-- --	62.7 52.5	42.3 52.5	66.4 53.6	40.8 53.6

Total Precipitation, September 1, 1964 - April 30, 1965:

Moscow, University of Idaho	18.86 inches
Giant White Pines, 1 mile south	35.23 "
Lewiston Airport (Weather Bureau)	12.32 "

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

APRIL 1965

Date	1413'		690'		3150'		2590'		3700'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	71%	31%	80%	47%	59/98%	32/54%	95%	40%	67%	50%	--	36%
2	99	87	95	56	99	98	99	91	100	94	98%	93
3	100	49	93	44	99	66	100	55	98	60	99	58
4	98	48	100	33	100	45	99	38	98	44	100	42
5	91	53	94	43	94	50	99	48	91	64	98	52
6	98%	60%	45/55%	92%	100%	58/79%	96%	67%	98%	80%	98%	65%
7	99	32	100	29	97	29	100	25	99	27	98	29
8	77	35	87	31	82	38	98	32	77	38	97	33
9	92	60	97	45/74	100	38/83	100	67	100	30/67	98	45
10	93	54	99	52	99	60	100	51	99	61	100	52
11	80%	32%	100%	42%	100%	33%	99%	30%	90%	36%	99%	32%
12	83	29	96	32	56	32	100	31	87	37	98	29
13	87	23	98	32	73	34	100	30	78	36	98	30
14	80	19	96	24	56	28	100	23	74	34	99	25
15	69	29	87	38	77	30/32	100	26	96	36	99	29
16	91%	42%	91%	47%	99%	61%	99%	60%	99%	78%	99%	76%
17	86	32	85	38	92	30	99	29	98	26	100	32
18	88	63	100	67	100	71	100	50	100	62	98	49
19	99	86	99	92	100	97	100	88	100	99	100	94
20	78	40	96	38	99	58	100	53	100	68	99	47
21	85%	29%	98%	37%	100%	46%	100%	40%	100%	50%	99%	41%
22	83	33	97	35	77	42	100	31	98	40	99	35
23	86	30	98	30	84	34	100	30	90	42	99	35
24	95	53	95	45	98	56	98	67	99	83	100	72
25	96	40	99	35	99	45	100	40	100	45	100	43
26	86%	25%	96%	28%	64%	27%	100%	23%	95%	30%	100%	30%
27	78	25	91	27	48	25	100	18	70	28	100	27
28	59	42	70	40/49	81	33/59	95	50	82	66	98	53
29	98	46	90	47	65/89	48	100	40	89	46	100	49
30	94	37	97	33	96	40	99	36	98	43	99	41
MONTH AVE.	87%	42%	93%	43%	89%	46%	99%	44%	92%	51%	99%	46%
	64%		68%		68%		72%		72%		72%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO
MAY 1965

by R. L. Day

Date	690' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500+ Ridge above Wawawai		2445' Union Cr. Flat		2610' Moscow University of Idaho		3150' Viola Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	58	47	52	42	50	37	49	36	50	36	47	33
2	63	41	57	39	54	35	53	32	53	32	51	32
3	65	42	59	40	57	37	57	34	58	32	55	35
4	60	52	53	47	50	41	50	44/43	49	41	48	39
5	57	40	50	36	47	30	48	41	47	29	46	27
6	63	38	58	33	54	31	55	31	55	30	54	27
7	70	42	64	39	61	37	61	36	60	32	59	36
8	73	39	67	43	62	42	65	27	62	33	62	42
9	79	43	74	46	69	47	70	34	70	39	68	51
10	82	47	77	50	73	50	74	36	73	42	70	51
11	85	48	79	52	75	52	76	38	76	45	74	53
12	85	47	79	53	75	51	77	39	76	48	74	56
13	75	52	69	54	66	50	68	48	67	48	65	48
14	73	53	67	50	64	47	65	47	66	43	63	41
15	75	51	71	51	67	49	68	38	68	45	64	48
16	70/66	53	68/63	48	63/58	43	62/58	44	61/55	47/43	51	47/45
17	65	47	59	43	55	37	55	36	55	35	52	33
18	75	40	68	42	65	36	65	26	64	36	61	39
19	78	45	74	50	70	47	70	35	69	42	66	47
20	67	43	62	43	57	40	58	40	58	39	56	38
21	71	44	67	47	61	45	63	5	62	39	59	49
22	73	52	67	51	59	47	64	44	61	47	57	46
23	59	51	55	48	48	44	52	44	55/49	43	54/44	40
24	72	51	64	48	57	44	61	43	59	42	56	40
25	77	42	71	45	67	44	68	33	66	38	64	43
26	82	56	75	52	71	48	71	45	71	46	68	48
27	87	53	82	55	77	51	77	41	76	50	74	54
28	89	53	85	59	80	56	82	41	82	52	80	57
29	79	59	76	63	67	60	70	50	68	56	66	61
30	70	54	65	50	59	45	62	44	60	42	57	42
31	74	45	69	46	63	44	66	33	65	38	62	41
MONTH AVE.	72.5	47.4	66.1	47.3	62.6	44.1	63.8	38.2	62.9	40.7	60.4	43.3
		60.0		56.7		53.4		51.0		51.8		51.8

PRECIPITATION Inches	N-S									
	Lewiston Airport	Wawa- wai	Wawa. Ridge	Univ. of Idaho	Potlatch Val. Flat	Harvard Val. Flat	1mi S. of GP.	Ski Bowl	Bovill 2 1/2 mi N	
May 1-8	0.05	0	0	0.02	0.12	0.20	0.25	0.25	0.34	
May 8-15	0	0	0	0	0.05	0.15	0.11	0.20	0	
May 15-22	0.40	0.59	0.68	0.65	0.89	1.01	1.14	1.20	0.49	
May 22-31	0.03	0.01	0.68	0.26	0.37	0.17	0.29	0.40	1.06	
Totals	0.48	0.60	0.76	0.93	1.43	1.53	1.79	2.05	1.89	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - MAY 1965

page 2

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Enida Ridge (N-S Ski. Bowl)		2880' Bovill 2½ miles N		2535' Subalpine Fir Meadow		2690' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	-	-	48	35	42	30	48	33	48	33	-	-
2	-	31	53	29	46	28	50	28	55	30	-	-
3	57	28	57	25	52	30	56	23	59	26	-	-
4	-	-	50	39	45	33	54	42	51	40	-	-
5	45	28	48	29	42	26	45	27	46	30	-	-
6	56	28	57	28	51	30	55	28	55	30	-	-
7	60	28	61	26	56	37	60	26	62	26	-	-
8	64	29	65	26	60	39	65	27	63	30	-	-
9	69	33	70	30	67	42	69	28	69	32	-	-
10	70	33	72	30	69	48	71	27	71	31	71	34
11	73	36	75	32	73	46	73	29	74	32	74	37
12	74	37	75	33	72	53	74	29	74	33	73	38
13	64	36	67	36	63	44	66	32	67	38	63	46
14	63	37	66	33	63	39	65	29	66	33	61	43
15	65	36	67	34	63	43	65	30	68	35e	68	34
16	52	47/45	53	48/46	49	45/42	58	44	61	49	60	46
17	52	34	53	34	53	31	52	28	56	35	54	37
18	62	27	62	24	62	32	62	22	65	27	64	26
19	68	33	70	32	66	45	69	28	71	34	69	32
20	57	37	58	36	52	36	57	35	60	37	56	35
21	62	33	65	32	61	-	65	30	65	35	60	36
22	60	44	60	44	-	-	61	40	62	47	61	47
23	54/47	42	46	43	40	-	56/47e	43	56/48	45	56/48	44
24	56	42	58	43	51	38	54	43	57	44	55	43
25	65	37	65	37	61	39	64	38	67	36	65	34
26	70	43	68	35	65	40	66	30	66	36	70	43
27	76	42	78	34	72	46	75	31	76	36	76	38
28	80	41	82	37	80	52	80	33	80	38	82	43
29	70	51	69	49	67	56	76	47	69	51	71	54
30	-	41	60	36	55	39	66	33	64	44	59	43
31	-	31	64	28	58	38	62	26	67	32	63	30
MONTH	(61.8)	(36.1)	62.6	34.0	58.4	39.5	62.5	31.9	63.3	35.6	(61.9)	(37.1)
AVE.	(49.0)		48.3		49.0		47.2		49.4		(49.5)	

() indicates averages estimated by comparing available records with those for corresponding periods at other stations. e = estimated

Record near Bovill kept by Mr. Lough, at the Subalpine Fir Meadow by Steve Marshall with Dept. of Botany instrument after May 8, and at Genesee Flat by Jesse Johnson.

Total Precipitation Sept. 1, 1964 through May 31, 1965:

Moscow, Univ. of Idaho: 19.79 inches; Giant White Pines (1 mile S): 37.02

Lewiston Airport (Weather Bureau): 12.80.

Temperatures in Johnson's meadow (4½ miles NE of Troy, elev. 2865 feet).

18th minimum: 23° 30th maximum: 59° minimum: 35°
31st " 63° " 28°

LEWISTON, IDAHO, RECORDS - MAY 1965

<u>Date</u>	<u>Airport</u> <u>(Weather</u> <u>Bureau)</u>		<u>Downtown</u> <u>(Morning</u> <u>Tribune</u> <u>Office)</u>		<u>Relative</u> <u>Humidity</u> <u>(Weather</u> <u>Bureau)</u>	
	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>High</u>	<u>Low</u>
1	57	42	65	42	56%	30%
2	61	36	63	34	86	29
3	63	34	68	35	83	38
4	60	45	67	43	93	21
5	53	35	58	37	73	28
6	61	39	63	39	66%	33%
7	67	37	69	38	89	18
8	71	38	72	35	77	23
9	75	43	80	40	73	21
10	79	45	83	40	79	18
11	81	46	87	43	72%	18%
12	84	48	87	44	76	15
13	74	49	76	48	62	28
14	71	48	73	50	61	21
15	76	48	78	45	67	18
16	66	56	67	46	55%	18%
17	62	42	68	43	58	25
18	69	34	73	33	80	24
19	74	43	79	41	94	28
20	65	43	70	48	86	39
21	67	44	70	46	90%	37%
22	63	49	70	48	94	57
23	56	50	69	47	92	56
24	64	48	65	46	86	54
25	74	42	78	40	98	31
26	76	47	80	46	83%	20%
27	82	47	85	44	89	22
28	86	53	90	48	67	25
29	79	60	85	57	76	40
30	69	47	75	45	75	30
31	71	41	76	40	79	28
MONTH	69.5	44.5	73.8	42.9	78%	29%
AVE.	57.0		58.4		54%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JUNE 1965

by R. L. Day

Date	690'		1500'		2500+'		2445'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	80	45	74	49	68	49	70	34	70	49	66	48
2	87	50	82	55	77	55	79	40	78	46	75	56
3	82	60	77	58	71	57	73	52/49	72	49	69	50
4	86	47	80	54	75	53	77	36	77	43	74	56
5	87	49	83	56	76	57	80	38	79	46	76	56
6	86	57	81	61	74	58	77	46	77	52	73	56
7	83	49	78	50	72	48	73	33	75	44	71	54
8	89	49	84	54	78	51	79	35	81	45	78	57
9	90	53	85	57	79	57	81	39	80	49	78	56
10	95	54	91	63	86	62	86	42	86	51	83	64
11	86	59	83	63	77	63	79	44	78	53	75	61/57
12	74	58	68	53	64	49	65	48	64	48	61	45
13	75	54	69	47	64	44	65	46	65	43	59	42
14	61	53	57	50	54/51	47	54	39	53	43	55/49	45
15	71	53	67	50	61	46	64	47	62	47	63	47
16	80	59	77	56	71	53	73	52	73	50	70	51
17	75/69	61/60	72/67	61/57	68/61	57/54	66/63	54	65/60	56/54	64/56	55/51
18	77	59	73	54	68	51	70	52	68	51	65	47
19	78	55	72	50	67	47	70	46	67	47	64	44
20	88	53	82	57	77	53	77	44	76	50	72	52
21	80	55	75	55	70	52	72	47	71	48	67	49
22	86	51	80	55	75	53	75	41	75	47	72	53
23	90	55	85	61	80	59	81	46	80	50	77	59
24	84	63	78	62	72	60	72	57	70	58	68	57
25	77	56	72	55	68	52	70	50	69	48	69	41
26	73	54	67	50	63	45	63	45	61	44	58	41
27	75	51	68	47	64	43	66	41	65	41	60	38
28	74	45	69	51	65	49	67	34	62	41	58	46
29	83	50	77	49	74	47	74	38	72	43	69	48
30	89	51	83	55	79	54	79	39	79	45	76	56
MONTH AVE.	81.2	53.3	76.1	54.5	70.9	52.3	72.5	43.4	71.4	47.5	68.1	50.9
	67.2		65.3		61.6		56.0		59.4		59.5	

PRECIPITATION	Lewiston Airport	Wawawai Ridge	Univ. of Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S. of G.P.	IL-Ski Bowl	Baldy Mtn.	Bovill 2 1/2 mi. N.
June 1 - 5	0	0	0	0	0	0	0	0	0
June 6 - 13	)	0.29	0.33	0.27	0.55	0.47	0.64	-	0.62
June 13 - 20	) 0.91	2.00	1.45	1.34	2.35	2.25e	2.14	-	1.83
June 20 - 26	0	0	0	0	0	0	0	0.27	0.11
June 27 - 30	0	0	0	0	0	0	0	0	0
Totals	0.91	2.29	1.78	1.61	2.90	2.72	2.78	-	2.56

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JUNE 1965

page 2

Date	2510' Botlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill 2½ miles N		2535' Subalpine Fir Meadow		2690' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	-	-	70	33	66	46	68	30	70	34	68	32
2	-	-	77	35	72	51	76	32	76	37	76	37
3	-	-	73	36	67	49	74	33	72	38	71	45
4	-	-	78	31	74	48	76	30	77	35	77	34
5	78	-	78	34	75	53	76	32	78	38	78	36
6	-	-	76	38	71	54	74	35	75	40	74	41
7	-	32	73	30	68	44	74	30	74	36	71	32
8	-	-	79	32	76	51	80	30	79	34	79	33
9	-	-	80	35	76	59	80	34	79	38	80	39
10	86	-	86	39	85	58	86	38	84	41	86	43
11	-	-	80	43	75	60/56	80	41	77	44	77	45
12	-	-	63	49	58	43	75	38	63	49	74	49
13	-	-	64	34	58	38	62	30	63	38	63	39
14	53	-	53	34	53	43	53	30	55	38	52	38
15	63	47	65	46	59	43	65	44	63	44	61	46
16	74	45	74	43	69	49	73	42	71	43	72	50
17	64/61	53	59	51	57	51	66	49	60	50	65	53
18	66	51	66	50	60	46	60	50	62	51	68	52
19	67	46	67	42	61	42	67	41	67	46	67	48
20	74	42	76	37	69	47	73	36	72	40	76	40
21	69	41	71	39	66	43	70	40	69	41	69	44
22	73	38	77	34	73	49	77	32	73	36	75	38
23	79	43	80	39	78	55	80	37	77	41	80	43
24	70	52	69	51	64	57	68	52	66	55	71	57
25	69	41	71	42	64	49	70	41	70	41	68	42
26	61	43	61	44	52e	39e	57	40	60	40	61	44
27	62	39	63	32	59e	35	61	30	62	33	62	40
28	60	32	58	29	53e	43e	59	28	60	32	64	28
29	70	35	73	33	74e	44e	71	31	70	34	72	38
30	76	35	80	34	75e	53e	79	33	77	37	78	36

MONTH (70.6)(40.5) 71.3 38.3 66.7 47.9 71.0 36.3 70.0* 40.1 71.2 41.4
 AVE. (56.6) 54.8 57.3 53.6 55.0 56.3

e = estimated

*average of about 2° deducted from maxima due to sun shining into shelter in late afternoon.

() indicates averages

estimated by comparing available records with those for corresponding periods at certain other stations.

Record near Bovill kept by Mr. Eldon Loe, at the Subalpine Fir Meadow by Steve Marshall with Dept. of Botany instrument, and at Genesee Flat by Mr. Jesse Johnson.

Temperatures in Johnson's meadow (4½ miles NE of Troy, elev. 2865 feet):

1st maximum: 68° minimum: 31°
 2nd " 75° " 35°
 3rd " 70° " 36°
 4th " " 31°

See several days of Baldy Mountain and Genesee Hill temperatures on next page.

RELATIVE HUMIDITIES IN THE VICINITY OF MOJOCO, IDAHO - PER CENT

JUNE 1965

Date	680'		1500'		2500+'		3150'		2590'		3700'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	98%	33%	-	-	75%	47%	73%	46%	100%	35%	67%	48%
2	94	28	-	-	71	40	71	38	100	32	72	44
3	68	28	-	-	61	36	74	33	100	27	83	34
4	93	27	-	-	55	34	57	31	100	24	58	35
5	96	24	-	-	55	37	56	32	100	24	59	37
6	88%	26%	-	-	63%	34%	68%	32%	100%	23%	79%	35%
7	83	24	-	-	51	33	46	27	100	21	60	32
8	87	27	-	-	48	35	46	30	100	27	53	35
9	94	32	-	-	63	39	73	38	100	32	61	38/43
10	94	29	-	-	55	31	62	36	100	26	65	34
11	93%	44%	-	-	58%	31/50%	98%	32/33%	100%	36%	56/100%	51%
12	99	23	-	25%	98	31	98	27	98	33	100	51
13	59	34	67%	32	67	37	78	39	100	35	90	41
14	62/99	57/68	70/96	48/68	94	49/74	99	80	100	65	78/99	54
15	99	43	97	49	100	47	99	54	100	48	100	54
16	94%	45%	79%	49%	79%	54%	96%	51%	100%	49%	99%	54%
17	97	50/75	87/97	52/78	100	56/78	100	75/84	100	76	100	82
18	97	46	98	51	100	60	100	61	99	62	100	75
19	80	35	84	37	88	43	97	45	99	47	97	55
20	94	26	71	27	76	36	77	36	100	35	86	43
21	87%	28%	72%	28%	77%	34%	68%	31%	98%	32%	90%	37%
22	89	28	63	32	58	37	57	36	100	29	63	33
23	96	31	63	33	65	39	59	37	99	33	70	42
24	92	37	72	42	70	47	81	52	98	50	92	55/67
25	92	34	73	35	72	42	78	38	100	33	100	46
26	67%	28%	67%	31%	72%	37%	77%	47%	97%	46%	100%	70%
27	59	23	56	24	63	29	78	28	100	30	99	44
28	87	30	48/51	32	50	31/38	65	28/37	100	41	100	42/60
29	88	29	70	30	70	33	73	34	99	32	86	39
30	95	28	65	30	58	34	58	32	100	27	68	36
MONTH AVE.	89%	34%	(69%)	(37%)	70%	42%	74%	42%	100%	37%	(78%)	(45%)
	62%		(53%)		50%		58%		68%		(62%)	

Baldy Mtn.

Emida Ridge
(78%) (45%)
(62%)

TEMPERATURES

Baldy Mountain (5330')

Date	Max.	Min.
26	46	34
27	53	30
28	49	38
29	68	38
30	71	50

Genesee Hill (2900')

Date	Max.	Min.
5	75	48
6	72	53
7	71	48
8	77	48
9	77	56
10	83	54
11	74	59/54

RELATIVE HUMIDITIES

Bovill (2 1/2 miles N) (2880')

Date	High	Low
19	-	46%
20	99	39
21	98	34
22	100	31
23	100	36
24	99	62

Date	High	Low
25	99%	40%
26	99	48
27	99	38
28	100	41
29	100	34
30	100	31

LEWISTON, IDAHO, RECORDS - JUNE 1965

Date	1413' Airport (Weather Bureau)		760' Downtown (Morning Tribune Office)		Relative Humidity (Weather Bureau)	
	Max.	Min.	Max.	Min.	High	Low
1	77	44	82	41	72%	28%
2	84	49	88	46	79	24
3	80	59	87	50	49	23
4	83	45	86	44	65	11
5	86	49	90	46	66	16
6	84	54	89	50	69%	20%
7	81	50	86	44	49	15
8	86	47	90	43	64	16
9	88	53	92	48	57	19
10	91	54	94	50	67	25
11	87	58	90	56	71%	29%
12	68	56	73	55	92	43
13	71	50	75	45	62	25
14	60	47	75	44	81	54
15	66	49	71	47	92	47
16	77	56	80	52	80%	45%
17	75	56	78	58	95	50
18	76	57	80	54	97	46
19	76	55	80	55	81	32
20	87	53	90	49	84	16
21	80	58	89	60	55%	21%
22	84	49	89	47	71	18
23	86	54	91	52	77	25
24	75	60	78	55	94	44
25	78	54	82	50	87	23
26	72	49	80	47	72%	27%
27	72	46	75	45	55	15
28	75	43	79	41	77	25
29	79	50	84	47	69	23
30	86	49	70	48	73	19
MONTH AVE.	79.0 65.4	51.8	83.1 66.0	49.0	73% 50%	27%

Total Precipitation Sept. 1, 1964 through June 30, 1965:

Moscow, Univ. of Idaho	21.57 inches
Giant White Pines (1 mile S)	39.74 "
Lewiston Airport (Wea. Bureau)	13.71 "

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1965

1

e = estimated

by R. L. Day

Date	680' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2445' Union Creek Flat		2610' Moscow University of Idaho		3150' Whola Hill		2510' Potlatch Valley Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	93	52	87	55	83	42	81	48	79	62	80	37
2	95	58	90	63	85	46	83	54	82	66	82	41
3	88e	65	83e	66	79	46	82	60	77	63	85	48
4	90	62	86	63	81	52	79	56	74	57	78	50
5	97	63	93	65	86	49	86	58	83	60	85	48
6	101	65	98	69	92	51	92	63	89	66	91	48
7	95	72	93	75	87	61	85	65	84	69	85	59
8	85	68	81	64	77	59	75	59	74	57	75	53
9	79	54	76	52	72	44	73	48	69	47	72	38
10	75	58	72	59	71	41	71	51	67	50	70	40
11	77	58	74	54	69	49	67	50	65	48	67	38
12	83	60	80	59	75	50	73	53	68	50	72	47
13	92	60	90	59	83	43	82	53	78	55	82	45
14	99	64	98	67	94	45	93	60	91	66	92	44
15	93	71	90	70	86	53	84	62	81	63	83	47
16	98	56	95	65	90	43	89	54	87	68	88	40
17	97	67	94	72	90	53	89	62	87	71	87	48
18	85	62	81	62	77	46	76	55	75	54	75	46
19	90	52	86	58	82	37	81	48	80	58	80	32
20	75	68/57	78/72	65/56	69	59/51	70	57	66	56/49	71	51
21	62	55	60	52	56	46	55	49	52	45	56	46/43
22	80	51	75	52	70	39	70	47	66	45	68	40
23	91	54	85	57	81	40	81	48	79	51	80	37
24	96	58	92	63	88	44	88	53	85	61	87	40
25	107	63	102	69	95	47	96	60	93	67	96	42
26	96	70	92	73	89	54	89	62	88	67	89	50
27	96	67	92e	66e	87	59	88	63	86	60	86	55
28	99	65	94e	67e	89	56	88	59	86	62	87	54
29	101	63	97e	68e	91	48	90	55	88	71	88	43
30	103	64	99	70e	92	45	93	54	91	68	92	40
31	106	63	102	73	96	50	96	62	92	78	96	44
MONTH	91.1	61.2	87.4	63.4	82.6	48.2	82.4	55.7	79.5	59.8	81.5	44.8
AVE.	76.2		74.4		65.4		69.0		69.6		63.2	

Wawawai instrument shelter moved within orchard 10th, and one mile south on 24th.

July	Lewis- ton Apt.		Wawawai Ridge		Wawawai Univ. Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S of G.P.	N-S Ski Bowl	Baldy Mtn.	Bovill 2 1/2 mi. N
	1 - 3	0	0	0	T	0	0	T	0.06	0	0
"	3 - 10	.09	0	0	T	0	0	0	0	0	0
"	10 - 17	0	0	0	T	T	T	T	T	T	0.11
"	17 - 24	.61	0.74	0.72	0.30	0.32	0.42	0.36	0.38	0.55	0.39
"	24 - 31	.12	T	T	0.08	0.18	0.05	0.01	0.03	T	0.23
Totals		0.82	0.74	0.72	0.38	0.50	0.47	0.37	0.47	0.55	0.73

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JULY 1965

page 2

2

Date	2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		5330' Baldy Mountain		2880' Bovill (2½ mi. N.)		2690' Genesee Flat		2900' Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	83	37	78	56e	75	54	81	37	80	39	80	54
2	84	38	79	60	76	60	84	38	83	42	84	57
3	84e	44	81	57	76	59	84	40	79	43	80	57
4	80	46	72	53	67	50	77	36	77	50	78	52
5	86	43	81	59	76	56	85	40	85	45	84	55
6	91	43	85	60	81	62	90	40	88	47	89	60
7	87	54	81	64	75	59	86	50	84	63	84	66
8	78	48	72	53	67	48	80	44	73	59	72	58
9	74	37	69	46	66	44	75	38	70	42	70	48
10	72	40	67	47	61	42	74	38	69	42	69	50
11	71	39	63	45	58	40	69	40	66	42	67	49
12	71	49	68	47	58	42	68	49	71	51	69	49
13	83	34	78	48	72	47	79	32	80	50	80	50
14	93	39	88	56	83	59	91	36	91	46	91	57
15	84	47	80	59	73	56	85	40	83	52	82	64
16	89	39	84	59	78	60	88	38	87	41	87	59
17	88	47	84	65	79	62	88	40	88	54	87	56
18	76	47	72	50	66	46	78	43	75	57	74	55
19	82	31	77	51	72	53	82	30	81	34	79	49
20	69	51	66	54/49	63	49/44	68	48	70	56/52	69	55/50
21	54	47	52	46	45	43/39	54e	48	55	47/43	53	47/45
22	69	42	63	42	56	38	68	36	69	42	66	42
23	81	35	73	45	70	45	82	34	80	38	77	45
24	86	37	83	53	77	56	86	36	89	40	87	50
25	94	39	89	59	84	62	94	39	95	45	93	58
26	88	45	85	63	80	62/57	90	40	89	52	87	64
27	87	53	81	58	77	54	90	50	88	58	86	59
28	88	55	80	57	77	54	88	51	87	55	86	57
29	88	41	80	63	77	61	88	44	90	46	88	62
30	91	39	84	61	80	62	91	38	91	42	90	58
31	94	43	87	65	81	66	93	43	95	50	94	68
MONTH AVE.	82.1	42.9	76.9	54.7	71.9	52.8	81.8	40.5	80.9	47.2	80.1	54.9
		62.5		65.8		62.4		61.2		64.0		67.5

e = estimated

Record near Bovill kept by Mr. Eldon Loe

Total Precipitation Sept. 1, 1964 through July 31, 1965:

Moscow, Univ. of Idaho	21.95 inches
Giant White Pines (1 mile S)	40.11 "
Lewiston Airport (Wea. Bureau)	14.53 "

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

JULY 1965

3

Date	1413* Lewiston Airport		3150* Viola Hill		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		5330* Baldy Mountain	
	High	Low	High	Low	High	Low	High	Low	High	Low
1	63%	15%	60%	28%	100%	27%	80% ^e	32% ^e	56%	34%
2	57	16	57	31	100	32	84	34/38	58	39
3	77	27	56	42	100	34	82	36	61	44 ^e
4	94	32	88	42	98	35	88	46	97	54
5	84	18	76	29	98	27	73	34	73	37
6	67%	14%	58%	23%	98%	21%	64%	31%	62%	30%
7	51	16	63	27/33	96	28	69	37	82	45
8	62	16	82	27	98	25	89	33	98	39
9	64	22	80	39	100	34	74	47	70	38/52
10	66	29	80	50	100	34	81	51	90	59
11	82%	33%	90%	53%	98%	35%	92%	53%	100%	60%
12	78	27	93	41	97	38	98	44	100	66
13	77	20	77	33	100	23	95	32	90	35
14	62	13	50	25	99	18	69	29	50	27
15	54	19	64	34	98	26	69	36	70	43
16	67%	18%	53%	32%	99%	23%	55%	34%	51%	34%
17	55	11	48	28	98	23	68	38/36	65	39
18	46	16	66	28	97	22	72	34	77	38
19	52	13	47	31	100	21	60	34	49	35
20	66	33	81/100	34/63	98	41	75/98	36/63	100	71
21	74%	61%	99%	79%	98%	79%	100%	88%	100%	97%
22	95	33	96	40	99	41	98	55	100	68
23	87	16	73	33	99	29	99	39	96	43
24	66	17	57	20	100	22	81	30	69	31
25	57	11	35	14	98	17	65	24	40	23
26	69%	23%	55%	30%	100%	26%	87%	30/37%	58/97%	24/37%
27	68	21	74	32	99	28	91	35	90	37
28	80	21	74	29	99	27	92	37	96	38
29	66	17	43	24	100	20	64	33	47	34
30	61	15	39	22	100	19	58	32	43	31
31	51	14	33	22	100	20	60	37	48	36
MONTH AVE.	68%	21%	67%	34%	99%	29%	79%	39%	75%	43%
		44%		50%		64%		59%		59%

e = estimated

ADDITIONAL TEMPERATURE RECORDS - JULY 1965

Date	1413' Lewiston Airport (Weather Bureau)		Lewiston Downtown (Morning Tribune Office)		2500+' Ridge above Wawawai		2635' Subalpine Fir Meadow		2865' Hilltop near Subalp. Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	90	53	93	52	83	58	-	-	-	-
2	92	58	96	55	85	65	-	-	-	-
3	89	63	93	56	80	65	-	-	-	-
4	86	57	89	56	82	58	-	-	-	-
5	93	59	98	56	87	63	-	-	-	-
6	100	60	102	64	93	-	-	-	-	-
7	95	70	98	75	88	-	-	-	-	-
8	85	63	89	67	-	-	-	-	-	-
9	81	53	82	52	-	48	-	-	-	-
10	78	53	79	53	69	-	-	-	-	-
11	75	54	79	53	68	50	-	-	-	-
12	79	57	80	58	75	53	-	-	-	-
13	90	54	95	51	85	57	-	-	-	-
14	100	61	105	56	95	64	-	-	-	-
15	93	65	95	67	86	67	-	-	-	-
16	97	60	100	59	91	66	90	37	-	-
17	97	68	100	67	-	70	89	-	-	-
18	85	65	87	64	-	-	76	48	-	-
19	90	52	93	50	-	-	82	30	-	-
20	79	64	85	63	-	-	72	50	-	-
21	64	52	70	51	-	47	55	46/40	-	-
22	77	48	80	45	-	-	68	36	-	-
23	86	51	88	49	-	-	80	35	-	-
24	94	58	98	52	-	-	-	37	88	-
25	102	62	106	56	97	-	97	38e	93	57
26	93	67	96	70	-	-	-	44	89	59
27	93	66	97	69	-	-	-	50e	86	59
28	95	64	99	62	-	-	-	51	87	56
29	97	61	100	64	-	-	-	43	88	58
30	99	59	102	61	-	-	93	39	90	55
31	102	65	108	64	97	73	95	45	93	70
MONTH AVE.	89.5 74.4	59.4	93.0 75.8	58.6	(83) (72)	(61)	--	--	--	--

e = estimated

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1965

1.

by R. L. Day

Date	680' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500+ Ridge above Wawawai		2445' Union Creek Flat		2610' Moscow University of Idaho		3150' Viola Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	108	69	104	75	102	73	100	53	100	71	97	77
2	91	77	89	76	86	71	86	64	84	69	83	73/69
3	85	69	79	67	75	63	75	60	73	63	69	61
4	86	59	81	58	79	56	79	44	78	52	77	54
5	87	68	85	65	82	61	79	54	79	57	77	57
6	96	62	92	65	89	63	87	47	88	58	85	62
7	107	66	103	70	98	67	98	48	96	65	93	69
8	99	64	96	71	92	69	93	49	92	60	91	68
9	100	69	97	68	93	66	93	52	93	58	92	65
10	102	64	98	71	93	69	93	49	90	59	88	67
11	97	71	93	79/76	89	75/66	87	56	87	68/65	84	74/71
12	78	68/66	76	64	71	63/57	71	63/58	70	62/58	71/65	61/56
13	79	55	75	55	72	52	72	49	71	50	69	50
14	90	55	87	58	84	53	84	42	83	52	79	56
15	93	62	89	67	87	62	88	48	87	55	84	66
16	96	60	90	65	88	65	88	47	86	53	84	67
17	96	58	92	63	89	65	88	44	88	51	84	68
18	100	64	95	68	93	65	92	47	92	56	90	69
19	82	67/64	80	71/61	78	68/57	78	54	77	62/56	72	67/54
20	82	56	78	56	75	54	75	47	74	54	69	53
21	83	61	79	59	76	56	79	45	75	51	77	54
22	80	63	75	64	71	58	72	55	68	59	64	57
23	85	62	80	62	78	57	78	51	74	58	73	57
24	86	55	80	58	78	53	78	45	75	51	76	54
25	68	60	65	58	61	53	62	48	63/59	54	69/55	52
26	80	58	76	59	75	55	71	51	71	54	70	53
27	77	56	71	59	70	55	69	44	69	54	66	56
28	70	57	65	53	62	47	64	46	59	46	57	44
29	71	53	66	49	63	46	65	44	62	42	59	42
30	78	45	73	48	69	44	70	30	68	39	67	45
31	88	49	83	53	78	47	79	34	76	44	75	50
MONTH AVE.	87.7	61.2	83.6	62.7	80.5	58.9	80.4	48.5	78.8	55.3	76.5	58.8
		74.4		73.2		69.7		64.4		67.0		67.6

Aug.	1 - 7	Lewis- ton Apt.	Wawawai	Wawawai Ridge	Univ. Idaho	Potlatch Val.	Harvard Flat	1 mi. S of G.P.	N-S Ski Bowl	Baldy Mtn.	Bovill 2 1/2 mi
"	8 - 14	0.32	0.25	0.29	0.29	0.43	0.37	0.64	0.38	0.62	0.40
"	14 - 21	0.40	0.13	0.24	0.39	1.04	1.06	0.98	1.06	1.60	0.58
"	21 - 28	0.50	0.22	0.20	0.37	0.76	0.97	1.03	1.04	1.70	1.49
"	28 - 31	0	0	0	0.01	0.05	0.02	0.02	0.03	0.16	T
Totals		1.41	0.66	0.75	1.06	2.28	2.66	2.84	3.00	5.15	3.02

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - AUGUST 1965

2.

page 2

Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		5330* Baldy Mountain		2880* Bovill (2½ mi. N.)		2690* Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	99	46	99	45	91	67	86	66	97	43	99	55
2	86	59	87	60	80	70/66	76	64	86	52	87	61
3	74	61	74	60	71	57	63	51	70	58	73	60
4	77	43	78	51	73	51	67	46	77	54	79	46
5	80	45	80	46	72	53	65	48	77	45	80	51
6	87	44	86	42	82	55	75	55	84	41	87	44
7	96	45	94	42	90	57	84	60	93	40	96	49
8	92	46	93	45	87	65	82	62	92	43	93	50
9	93	45	94	45	88	62	85	65	92	45	95	54
10	90	46	90	44	86	63	80	60	88	42	92	48
11	88	58	88	52	84	67	78	62	85	49	88	59
12	76/71	61/58	76/71	60	75/72	59/57	62/58	55/46	73	57	69	62/56
13	70	49	72	46	66	46	59	40	69	47	72	45
14	-	36	83	33	77	45	72	48	79	32	83	41
15	-	-	87	41	78	55	74	57	84	40	88	46
16	-	-	88	39	81	63	76	59	85	38	88	43
17	-	38	89	38	79	60	75	60	86	38	88	41
18	94	-	92	41	85	58	82	60	90	38	92	45
19	-	-	80	48	74	65/54	70	60/48	80	47	79	43
20	73	-	76	51	68	51	63	47	75	52	74	49
21	79	44	80	43	73	51	68	51	78	42	77	46
22	68	55	66	55	59	53	55	50	65	52	70	56
23	74	56	74	53	68	53	59	50	64	50	74	52
24	75	48	77	48	70	50	66	46	74	48	77	47
25	64/58	50	63/56	48	57/51	50/47	53/47	47/42	63/55	45	60	51
26	72	50	72	48	67	47	61	42	69	46	73	49
27	68	46	70	40	64	49	57	48	68	40	72	46
28	61	45	61	44	57	40	44	34	57	44	62	47
29	62	33	64	33	54	36	48	32	60	32	63	40
30	68	30	70	27	65	39	57	37	66	25	68	27
31	77	32	78	30	72	43	67	46	75	27	77	32
MONTH AVE.	79.3e	46.3e	79.7	45.1	73.7	53.5	67.6	51.0	77.2	43.6	79.8	47.7
	62.8e		62.4		63.6		59.3		60.4		63.8	

Subalpine Fir Meadow: Maximum 99° (1st); Minimum 24° (30th)
 Hilltop 5/8 mile SE : " 98° " " 33° "

Record near Bovill maintained by Mr. Eldon Loe (Potlatch Flat monthly means estimated by comparing with Harvard Flat)

Total Precipitation Sept. 1, 1964 through August 31, 1965:

Moscow, Univ. of Idaho 23.01 inches
 Giant White Pines (1 mile south) 42.95 "
 Lewiston Airport (Weather Bureau) 15.94 "

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

3.

AUGUST 1965

Date	680' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500'+ Ridge above Wawawai		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge		5330' Baldy Mountain	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	68%	21%	37%	20%	40%	23%	35%	22%	100%	18%	57%	32%	47%	33%
2	68	43	57	42	65	43	52/74	44	93	59	78	53	66/96	32/59
3	92	45	71	56	86	61	92	67	98	61	98	61	100	77
4	83	28	83	31	87	33	88	36	98	32	97	42	97	54
5	55	33	50	34	52	36	68	40	98	33	80	47	92	62
6	83%	21%	66%	23%	69%	27%	73%	23%	100%	26%	92%	33%	81%	39%
7	77	14	47	20	51	24	45	21	98	18	78	27	53	29
8	68	24	48	27	47	30	53	28	100	23	60	34	58	33/38
9	52	23	48	27	46	31	52	26	100	21	69	33	52	33
10	62	22	48	27	48	31	57	30	100	24	73	34	67	39/43
11	61%	31%	44/85%	34%	48%	38%	48%	38%	98%	32%	60%	41%	83%	53%
12	88	28	93	37	97	42	98	53	98	69	97	72	100	85
13	84	23	70	31	74	33	85	34	98	34	93	42	100	52
14	78	18	60	22	68	26	53	22	100	22	98	28	66	35
15	77	17	44	22	50	25	41	22	100	20	73	30	49	36
16	80%	20%	44%	24%	43%	27%	42%	24%	100%	22%	55%	33%	55%	37%
17	85	18	46	24	43	28	38	25	100	22	50	35	49	35
18	77	18	45	23	47	27	42	23	100	22	75	33	52	31
19	80/90	43/47	52/89	28/50	55/90	30/52	65/97	27/58	100	42	75/98	43/60	86/99	45/71
20	90	26	90	35	97	40	97	42	100	40	99	51	100	67
21	76%	32%	73%	37%	80%	43%	92%	40%	100%	36%	98%	48%	93%	48%
22	87	42	87	48	96	55	97	75	98	68	100	93	100	86
23	87	27	85	32	82	34	95	41	98	42	100	60e	100	78
24	90	22	73	27	82	28	88	32	100	36	100	47	100	56
25	92	60	90	53/60	94	55/67	98	40/86	100	62/82	100	58/93	100	88/94
26	92%	32%	75%	34%	82%	37%	92%	40%	99%	41%	100%	55%e	100%	65%
27	89	33	74	40	80	44	92	47	100	46	100	61	100	75
28	47	25	54	31	62	34	80	38	98	36	92	42	100	62
29	60	25	65	30	68	32	90	33	100	32	98	46	100	57
30	79	22	57	26	63	29	83	28	100	26	90	36	76	45
31	75	18	53	21	60	26	63	29	100	25	84	38	54	42
MONTH AVE.	77%	28%	65%	32%	68%	36%	73%	38%	99%	35%	85%	46%	81%	54%
		52%		48%		52%		56%		67%		66%		68%

AUGUST 1965

LEWISTON RECORDS

SOIL TEMPERATURES °C
GENESEE FLAT

4.

Date	1413' Lewiston Airport (Weather Bureau)				760' Lewiston Downtown (Tribune Office)		(Bare, cultivated soil surface)				
	Relative Humidity %		Temper- ature		Max.	Min.	Two Inches		Four Inches		21 Inches
	High	Low	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.	24 Hours
1	52%	13%	104	66	109	64	38	20½	34	22	20½
2	48	28	93	75	96	79	32½	23	29½	24	21
3	94	61	79	65	85	67	26½	21	25	22	21
4	95	27	85	58	89	61	32	16	29	18	20½
5	58	27	87	59	90	64	33	18½	30	20	20
6	82%	22%	92	60	96	62	34	17½	31	19½	20
7	63	14	102	63	107	62	34½	19	32	20½	20
8	53	17	100	65	104	66	35	19	33	21	20½
9	46	20	99	67	102	69	35½	20	33	22	21
10	60	19	97	66	99	66	32	19	30	21½	21
11	55%	28%	93	73	95	72	30	22	28½	23	21½
12	93	49	75	66	78	67	27/22½	21/19	27/22½	21½/20	21½
13	91	29	80	54	84	55	26	13½	26	15½	20½
14	81	19	88	54	92	53	29	13	28½	15½	19½
15	64	16	95	60	93	59	31	15	30	17½	19
16	61%	21%	93	59	97	55	31	15½	30½	18	19
17	67	16	94	58	97	57	31	15½	31	18½	19½
18	60	17	95	60	99	60	32	16½	31½	19	20
19	94	45	83	66	89	67	26	19	26	21	20
20	98	43	81	57	84	58	25½	15	25	17	20
21	84%	41%	81	58	85	54	25½	14	24½	16	19½
22	99	54	78	61	80	51	21½	16½	21	17½	19½
23	92	36	82	61	86	62	22½	15½	21	16	19
24	100	34	81	55	84	57	23½	13	22½	14½	19
25	99	64	68	58	71	59	17	13½	20½/17	15½	18
26	96%	38%	79	56	83	57	24	12	21	13½	17½
27	88	42	78	56	82	55	23½	11½	20½	13½	17
28	-	-	70	52	72	55	18	10	17	12½	17
29	68	28	68	48	72	48	24	8	20	10½	16
30	87	20	76	42	79	41	25	6½	22	9½	15
31	77	20	81	47	86	44	28	7	24e	10e	15
MONTH AVE.	77%	30%	85.7	59.5	89.2	59.5	28.1	15.7	26.4	17.6	19.4
	54%		72.6		74.4		21.9		22.0		

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

SEPTEMBER 1965

1.

by R. L. Day and R. J. Laughlin

Date	680*		1500*		2500*		2436*		2610*		3150*	
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		Moscow University of Idaho		Viola Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	90	55	85	57	82	54	82	38	78	51	77	54
2	83	58	77	57	75	55	75	43	74	48	71	53
3	70	59	66	53	62	49	63	45	60	47	57	44
4	80	50	71	50	69	50	71	34	67	46	64	49
5	77	47	72	51	68	50	68	31	67	38	64	48
6	79	44	75	48	71	47	71	29	72	38	67	50
7	81	48	77	53	74	49	74	32	74	43	73	54
8	85	45	80	51	77	52	77	30	74	38	73	52
9	80	66	76	62	72	58	72	53	70	54	67	55
10	80	52	73	54	70	52	71	38	70	46	69	52
11	80	50	75	53	71	52	73	34	69	42	67	52
12	76	57	72	56	69	50	71	41	69	47	67	47
13	75	51	69	55	65	47	67	35	63	44	59	49
14	71	59	67	55	62	51	62	51	59	50	56	47
15	66/52	61/52	63/58	58/47	57/52	51/41	56	53/39	54	52/40	54/51	49/36
16	60	40	55	37	50	32	50	29	51	33	45	32
17	61	32	56	33	52	30	52	19	53	27	50	31
18	65	37	62	39	59	35	59	23	59	34	56	35
19	71	42	65	44	60	39	65	30	63	39	60	38
20	73	48	70	50	66	46	68	39	66	44	63	44
21	81	52	78	60	73	57	74	43	72	52	69	54
22	80	53	75	52	71	51	73	42	69	45	66	48
23	78	47	76	51	70	49	71	35	69	44	67	47
24	80	47	77	50	73	46	74	32	73	43	71	48
25	87	48	82	53	77	48	79	34	77	46	75	47
26	76	51	70	53	66	50	68	48	66	45	65	47
27	61	50	59/57	46	55/54	41	56	42	53	40	54/50	38
28	69	49	62	47	58	43	58	42	55	41	53	38
29	73	45	68	44	65	40	66	32	64	38	62	40
30	82	48	78	47	70	45	74	35	71	42	70	45
MONTH AVE.	75.5	49.4	70.8	50.3	66.8	47.0	68.0	36.6	66.1	42.8	63.5	45.8
	62.4		60.6		56.9		52.3		54.4		54.6	

Sept.	PRECIPITATION Lewis-		Wawawai Univ.		Potlatch	Harvard	1 mi. S.	N-S	Bald	Bovill
	ton Apt.	Wawawai	Ridge	Idaho	Val.Flat	Val.Flat	of G.P.	Ski Bowl	Mtn.	2 1/2 mi. N
1 - 11	T	0	0	T	0	0	0.01	0.01	0	0.04
" 11 - 18	0.19	0.19	0.26	0.21	0.73	1.02	1.07	1.19	1.48+	0.93
" 18 - 25	0.01	T	T	0.05	0	0.03	0.03	0.04	0.05+	0.08
" 25 - 30	0.08	0	0	0.01	0.04	0.08	0.06	0	0	0
Totals	0.28	0.19	0.26	0.27	0.77	1.13	1.17	1.24	1.53+	1.05

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - SEPTEMBER 1965

2.

page 2

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3600' Emida Ridge (N-S Ski Bowl)		5330' Bald Mountain Lookout		2880' Bovill 2½ miles north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	78	40	80	32	74	51	66	50	77	30	80	30	77	48
2	73	34	75	34	70	47	63	43	72	30	76	35	72	49
3	60	46	59	45	56/55	40	49	35	55	34	57	43	59/56	44
4	67	38	66	37	60	36	52	38	60	33	65	34	65	41
5	69	32	67	30	61	38	56	37	66	30	67	30	64	41
6	70	28	72	28	67	41	59	37	68	28	69	27	69	42
7	74	29	74	28	68	42	62	42	74	26	73	27	71	41
8	75	28	75	28	68	46	63	45	73	27	77	27	75	40
9	68	47	68	47	58	49	53	44	68	44	73	49	70	50
10	70	39	69	37	65	44	58	44	70	30	74	39	70	46
11	70	33	69	30	60	43	57	42	68	32	72	31	69	40
12	70	38	71	35	65	43	56	39	70	32	68	35	67	45
13	60	35	59	31	52	43	48	43	59	29	61	29	59	43
14	59	48	57	48	50	44	45	39	56	46	55	48	55	48
15	56	51/35	57/54	49/36	50/47	44/30	44/39	38/23	55	44/34e	55	50/36	53	50/35
16	50	27	50	31/26	43	25	37	19	50	24	51	31/27	48	30
17	52	21	55	19	48	26	43	22	52	19	54	17	50	25
18	59	26	61	24	55	30	49	27	57	26	60	23	58	33
19	64	30	63	24	60	36	50	32	60	20	62	21	61	32
20	67	37	68	36	64	37	57	35	64	34	67	31	65	39
21	73	46	72	46	66	50	56	43	68	44	73	43	70	49
22	70	38	71	39	63	48	58	44	68	38	70	34	68	45
23	71	32	71	30	64	40	58	42	68	30	71	30	69	39
24	74	32	75	27	69	41	63	43	72	25	75	25	73	38
25	76	34	77	27	74	47	67	44	74	27	79	25	76	43
26	66	31	70	29	65	40	58	37	68	26	72	27	69	44
27	52	28	53	28	51/47	38	46/42	34	54	28	52	28	51	41
28	55	37	55	39	49	36	41	31	53	37	58	37	56	40
29	63	29	65	24	61	36	54	34	64	20	66	21	64	34
30	70	31	72	25	68	40	62	40	68	24	72	22	71	37
MONTH AVE.	66.0	34.3	66.4	32.2	60.5	40.2	54.0	37.6	64.4	30.2	66.8	31.0	64.7	40.7
		50.2		49.3		50.4		45.8		47.2		48.9		52.7

Genesee Flat: Maximum 80° on the 1st
Minimum 21° on the 17th

Genesee Hill: Maximum 78° on the 1st
Minimum 26° on the 17th

Record near Bovill kept by Mr. Elson Loe.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

SEPTEMBER 1965

Date	680* Wawawai Snake River Canyon		1500* Wawawai Canyon (3 mi. SE)		2500* Ridge above Wawawai		3150* Viola Hill		2590* Harvard Valley Flat		3600* Emida Ridge		5330* Bald Mountain Lookout	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	69%	17%	50%	20%	53%	23%	64%	26%	100%	21%	84%	29%	58%	34%
2	74	21	67	23	66	27	87	28	100	22	91	34	95	43
3	55	34	59	36	65	40	90	53	96	51	95	65	100	64
4	84	27	60	27	61	30	82	34	100	26	100	39	95	45
5	88	23	54	25	50	29	63	34	100	27	98	42	90	46
6	93%	27%	64%	32%	59%	34%	60%	39%	100%	29%	89%	42%	91%	50%
7	90	23	55	27	58	29	54	30	100	27	90	45	70	52
8	91	21	50	25	45	29	54	31	100	23	75	41	68	44
9	54	32	48	32	49	35	60	45	98	45	93	67	94	62
10	91	29	68	36	62	38	72	40	100	33	94	50	85	59
11	87%	32%	53%	36%	51%	38%	68%	43%	100%	38%	95%	57%	86%	55%
12	87	32	74	35	81	34	95	31	100	31	100	41	100	51
13	87	32	63	37	65	38	86	51	100	54	100	66	67/100	65/75
14	93	54	89	54	84	57	96	72	99	76	99	87	100	100
15	87	60	93	56	97	59	96	66	97	67	98	78	100	97
16	64%	28%	58%	24%	62%	27%	71%	27%	97%	32%	83%	38%	97%	48%
17	87	31	57	31	53	30	50	31	100	31	73	38	66	42
18	87	32	55	31	49	31	53	31	100	31	76	41	73	46
19	80	31	57	32	57	33	70	30	100	31	74	39	80	47
20	85	24	68	29	65	31	85	37	99	32	98	37	100	49
21	80%	25%	41%	28%	40%	30%	57%	40%	96%	35%	69%	47%	95%	67%
22	72	24	61	25	53	28	96	32	99	30	95	40	100	55
23	88	21	58	23	52	28	68	30	99	24	91	32	83	40
24	74	24	51	26	50	29	58	31	99	26	81	37	59	43
25	75	19	49	22	51	28	68	25	99	22	67	33	70	37
26	60%	27%	58%	28%	59%	34%	74%	32%	99%	28%	90%	37%	94%	40%
27	78	46	69	47	76	53	93	56	99	55	94	71	98	80
28	95	33	89	37	94	44	97	55	99	46	100	57	99	60
29	87	26	72	32	79	37	85	36	99	33	97	43e	95	48
30	84	17	60	20	62	33	67	25	100	23	83	33e	74	37
MONTH AVE.	81%	29%	62%	31%	61%	34%	73%	38%	99%	35%	89%	47%	87%	54%
		55%		46%		48%		56%		67%		68%		70%

LEWISTON RECORDS

SOIL TEMPERATURES °C
GENESEE FLAT
Bare, cultivated soil
surface

Date	1413* Lewiston Airport (Weather Bureau)		Temperature		760* Lewiston Downtown (Tribune Office)		One Inch		21 Inches	24 Hours
	Relative Humidity %		Max.	Min.	Max.	Min.	Max.	Min.		
1	77%	11%	87	50	90	47	27½	9	15½	
2	60	21	81	54	89	52	29	12	16	
3	53	32	70	54	74	57	18	13	16	
4	77	25	73	47	76	49	25½	10	15½	
5	76	20	73	46	74	48	23½	9	15	
6	78%	30%	74	43	79	43	27	8	15	
7	73	21	78	46	81	45	28	8½	15	
8	77	20	82	46	85	45	26	8½	15	
9	59	26	79	61	84	60	28	14	16	
10	81	27	76	50	81	49	27	11½	15½	
11	82%	29%	77	47	78	46	25	9	15½	
12	80	29	75	50	77	47	24	12	15½	
13	85	42	69	47	74	46	18	8½	15	
14	93	49	68	55	70	54	15	11½	15½	
15	91	55	64	52	70	53	12	11/9½	15	
16	60%	25%	57	38	60	41	17	3	14	
17	76	24	57	28	62	28	18	½	12½	
18	74	27	64	35	66	36	18	2	12	
19	79	30	65	38	67	39	17	2½	12	
20	81	31	70	45	75	44	23	7	12	
21	58%	28%	79	56	82	54	26½	11	12½	
22	64	26	77	56	81	53	23½	10	13	
23	72	22	75	48	79	45	24	9	13	
24	76	20	76	43	80	39	24	6	13	
25	83	23	81	43	86	40	24½	6	12½	
26	56%	24%	74	52	78	50	24	9	13½	
27	71	44	60	46	68	45	15	7½	13	
28	93	56	61	47	62	46	13½	8	13	
29	92	30	68	40	72	38	20	2½	12	
30	77	24	76	42	79	39	22	4	12	
MONTH AVE.	75%	29%	72.2	46.8	76.0	45.9	22.1	8.1	14.0	
		52%		59.5		61.0		15.1		

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

OCTOBER 1965

by Prof. R. L. Day; R. J. Laughlin, Assisting

Date	680' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500' Ridge above Wawawai		2436' Union Creek Flat		2690' Genesee Flat		2610' Moscow University of Idaho		3150' Viola Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	85	50	80	53	78	51	77	36	77	31	74	46	74	53
2	86	48	82	57	79	50	83	33	81	36	80	47	79	56
3	85	51	81	57	78	55	79	38e	78	39	75	46	75	57
4	81	57	80	59	74	55	78	44	75	43	73	54	73	58
5	76/72	56	75/67	53	63	48	64	49	63	50	62	49	68/59	46
6	78	52	75	52	70	49	69	46	70	42	68	49	65	49
7	80	50	75	53	71	50	72	47	71	41	71	48	68	49
8	85	56	80	56	76	57	77	46	77	46	75	54	73	57
9	77	53	72	55	69	54	70	45	68	46	66	46	66	52
10	75	50	72	46	68	44	69	30	70	28	68	36	66	50
11	73	42	69	45	66	45	68	32	70	26	69	39	67	48
12	71	41	68	47	64	46	64	31	65	25	63	37	63	48
13	66	52	64	47	60	47	61	48/44	59	46	58	47	55	46
14	70	49	67	53	62	46	68	41	63	42	64	47	62	48
15	59	44	56	46	52	41	50	43/37	49	38	50	41/39	46	39
16	59	36	56	35	51	32	54	22	50	20	51	27	47	32
17	58	42	56	44	50	40	52	34	51	35	50	39	46	38
18	70	41	65	45	61	41	61	36	61	29	58	41	56	40
19	-	-	60	47	58	42	57	43/39	55	41	56	42	52	40
20	-	42	65	46	61	39	62	34	59	36	61	40	58	41
21	-	-	69	50	64	45	68	34	66	39	65	45	64	46
22	-	-	70	51	65	43	70	38	67	42	68	48	69	50
23	74	-	70	50	67	45	72	35	71	44	70	48	68	51
24	69	-	70	49	64	46	74	33	70	29	69	41	67	52
25	72	49	72	52	68	45	75	39	70	31	71	48	70	51
26	69	47	69	49	65	45	70	37	69	33	67	47	66	50
27	68	41	65	47	62	40	69	31	65	29	66	38	65	46
28	65	55	62	54/51	59	50	61	48/37	59	48/40	57	49/45	53	46
29	65	47	63	47	62	42	67	33	64	34	62	42	60	42
30	68	47	62	50	63	49	66	39	63	37	63	42	60	48
31	63	48	62	48	63	45	66	35	64	42	61	42	62	45
MONTH	71.8e	47.8e	68.5	49.7	64.9	46.0	67.5	37.3	65.8	36.8	64.7	43.8	63.0	47.5
AVE.	59.8		59.1		55.4		52.4		51.3		54.2		55.2	

PRECIPITATION	Lewis- ton Apt.	Wawa- wai	Wawa. Ridge	Univ. Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S. of G.P.	N-S Ski Bowl	Bald Mtn.	Bovill 2 1/2 mi. N.
Oct. 1 - 8	T	0	0	0.03	0.03e	0.08	0.09	0.08	0.14	0.23
" 9 - 16	0.12	-	-	0.12	0.27	0.21	0.31	0.34	0.42	0.29
" 16 - 23	0.22	0.15	0.18	0.23	0.15e	0.28	0.25	0.23	0.55	0.38
" 23 - 31	0	0	0	0.01	0.01	0.01	0.01	0.02	0.05e	0.07
Totals	0.34	-	-	0.39	0.46e	0.58	0.66	0.67	1.16	0.97

Date	2510*		2590*		3700*		5330*		2880*		2635*		2865*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	74	33	76	24	73	46	66	48	74	23	76	21	75	40
2	83	32	83	25	81	45	72	52	80	24	84	23	82	46
3	77	34	80	32	76	51	69	49	75	30	80	29	78	48
4	75	43	76	34	73	55	64	52	72	31	75	29	74	45
5	63	49	64	45	65/57	43	60/45	37	59	46	63	45	63	47
6	68	49	69	39	62	45	53	40	68	41	69	31	68	42
7	71	49	72	46	68	45	60	41	69	42	72	32	70	49
8	76	46	79	35	72	52	66	48	76	34	79	31	77	51
9	69	31	68	29	64	46	56	42	68	28	68	30	67	47
10	70	28	72	25	63	40	57	44	69	27	73	25	70	40
11	70	28	72	23	67	42	60	43	69	23	72	21	69	40
12	67	27	65	23	63	43	56	41	63	23	65	21	65	37
13	59	48/46	58	46/38	50	43	46	38	56	44	58	45/36	57	44
14	68	40	67	32	61	40	56	39/34	64	31	65	28	63	42
15	50	41/33	48	40/28	41	36	31	30/26	47	38/33	48	38/28	47	39
16	50	20	50	15	46	27	38	24	49	17	51	14	51	26
17	48	32	43	26	40	33	34	29	44	28	47	26	46	34
18	59	34	58	26	54	38	43	33	56	26	61	25	58	36
19	55	42	49	40/32	47	39	36	33	50	39/34	53	41/33	52	40
20	62	35	57	26	57	38	43	33	57	27	60	25	58	36
21	68	37	67	25	66	44	60	41	65	25	69	23	65	42
22	73	38	73	25	70	46	67	49	70	24	74	24	70	42
23	77	37	75	24	73	47	68e	53	71	24	75	22	72	45
24	72	39	72	24	70	45	62	50e	67	25	72	23	70	42
25	75	37	75	25	73	46	66	51	70	25	75	23	72	45
26	71	36	73	26	70	49	61	48	69	25	72	24	69	45
27	70	27	71	23	70	44	61	45	67	23	71	21	67	41
28	57	47/37	57	39/36	52	44/42	-	-	56	36	60	36	57	47
29	64	34	63	25	62	39	-	-	60	25	64	24	62	39
30	65	32	65	29	61	44	-	-	62	30	65	30	64	45
31	67	34	68	27	63	42	-	-	62	27	66	27	63	44
MONTH AVE.	66.9	35.8	66.6	28.8	62.7	43.1	55.1e	41.2e	64.0	29.1	67.2	26.8	65.2	42.1
	51.4		47.7		52.9		48.2		46.6		47.0		54.2 53.6	

Genesee Hill: Maximum 78° on the 3rd Record near Bovill maintained
 Minimum 28° on the 16th by Mr. Eldon Loe.

Normal decline in mean temperature between September and October is 9° to 10° in this area. However, at Moscow the October mean this year was 0.2° above September, and means were a full 2.5° higher in October than in September on Emida Ridge (N-S Ski Bowl) and Bald Mountain! October averaged 4.5° above normal at Moscow while September averaged 4.5° below. October precipitation was only one-fifth (20%) of normal at Moscow. A similar rainfall deficiency occurred in September.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

3.

OCTOBER 1965

Date	680' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500' Ridge above Wawawai		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge		5330' Bald Mountain Lookout	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	74%	13%	52%	15%	50%	22%	45%	17%	100%	14%	64%	25% ^e	43%	22%
2	65	25	42	24	48	25	41	22	100	17	59	28	56	31
3	74	23	43	25	42	26	42	26	100	21	57	36	57	38
4	65	24	42	17	43	21	42	23	100	20	58	33	52	29
5	81	42	78	42	86	47	93	43	99	31/43	98	33/57	100	88
6	82%	38%	68%	39%	82%	44%	75%	45%	99%	41%	91%	53%	99%	71%
7	96	30	89	40	98	37	94	38	97	37	99	44	100	63
8	72	24	60	29	53	31	50	26	100	24	66	33	74	38
9	78	32	72	40	73	42	79	42	100	39	94	49	99	63
10	68	24	68	31	73	34	63	28	100	27	100	41	66	47
11	87%	26%	66%	33%	65%	37%	64%	34%	100%	29%	85%	41%	77%	48%
12	90	32	55	36	58	41	55	40	100	36	71	48	71/100	54
13	92	50	89	55	95	57	95	73	98	66	100	92	100	98
14	91	36	72	42	85	47	89	42	99	38	99	51	100	62
15	68	35	62	40	70	47	78	38	97	54	98	61	100	99
16	90%	34%	73%	40%	80%	40%	85%	37%	100%	37%	98%	46%	99%	70%
17	70	48	67	46/54	73	50/60	86	58/65	100	85	98	77	100	67
18	81	32	73	36	82	40	86	40	100	41	97	49	100	68
19	92	-	90	45	98	46	95	54	99	73	100	84	100	78/100
20	-	-	75	42	88	45	79	44	100	46	100	53	100	75
21	-	-	59%	37%	68%	40%	62%	33%	100%	28%	74%	38%	78%	38%
22	-	-	60	37	80	41	52	27	100	25	75	38	50	27
23	-	-	76	37	82	37	53	30	100	23	77	29	45	22/35 ^e
24	-	27	65	37	71	44	56	32	100	27	80	39	51	44
25	72	30	56	35	80	42	52	22	100	25	69	30	52	36
26	81%	31%	63%	38%	77%	43%	54%	32%	100%	23%	68%	33%	53%	39%
27	93	28	68	39	85	46	60	32	100	25	70	37	53	41/44
28	68	35	70	45	75	51	88	46	100	44	99	56	-	-
29	75	42	69	49	82	54	88	46	100	42	92	51	-	-
30	91	35	75	52	79	50	82	42	100	33	97	45	-	-
31	88	45	77	56	87	53	75	45	100	37	97	48	-	-
MONTH AVE.	80%	32%	67%	38%	74%	42%	69%	37%	100%	36%	86%	47%	78%	55%
		56%		52%		58%		53%		68%		66%		66%

ADDITIONAL RECORDS

4.

OCTOBER 1965

RELATIVE HUMIDITIES, Continued

TEMPERATURES

SOIL TEMPERATURES °C
GENESEE FLAT

Date	2690* Genesee Flat		2880* Bovill (2½ miles north)		1413* Lewiston Airport (Weather Bureau)		1413* Lewiston Airport (Wea. Bur.)		760* Lewiston Downtown (Trib. Off.)		Bare, cultivated soil surface				
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	6 Inches	21 Inches	42 Inches	24 Hrs.	24 Hrs.
1	-	-	-	-	76%	24%	80	44	83	39	-	-	12	-	
2	-	-	-	-	64	23	82	46	85	44	-	-	12	-	
3	-	28%	-	-	63	21	81	48	83	48	16½	-	12	-	
4	67%	26	99%	28%	68	25	75	50	77	44	15	12½	12	12½	
5	76	29/47	98	36/58	66	36	71	55	75	51	14	13	12½	12½	
6	92%	43%	99%	47%	85%	31%	79	45	80	45	14½	12	12	12½	
7	97	38	99	44	93	35	77	49	81	49	16½	12	12	12½	
8	84	32	100	30	78	28	81	52	85	48	16½	13	12½	12½	
9	86	44	100	43	73	35	74	47	76	47	15	13	12½	12½	
10	92	32	100	39	90	23	74	45	78	42	15	11½	12	12	
11	82%	38%	100%	38%	87%	29%	72	40	76	39	14	10	11	12	
12	82	46	100	41	84	42	66	38	74	37	13	9½	11	12	
13	95	61	100	77	93	58	64	40	70	50	12½	11	11½	12½	
14	94	47	100	49	89	45	66	46	69	43	11	10	11½	12½	
15	85	52	99	65	84	36	57	44	64	44	9	8½	11	12	
16	95%	40%	100%	44%	96%	38%	55	32	58	31	9	5½	10	11½	
17	84	61	100	79	76	47	58	41	62	39	8	7	10	12	
18	97	37	100	47	96	41	64	39	68	37	9½	6	10	11½	
19	96	52	99	74	100	45	62	45	66	45	9½	8	9	11½	
20	95	52	100	53	94	48	65	41	68	38	9½	6½	9½	11½	
21	90%	39%	100%	37%	83%	41%	68	45	74	39	11	7	9	11½	
22	87	39	100	32	85	39	71	44	74	38	11½	8	9	11½	
23	82	36	100	31	92	39	70	41	73	35	12	8½	9	11½	
24	97	36	100	37	98	43	67	39	72	35	11	7½	9½	10½	
25	96	34	100	33	98	40	69	39	72	35	11	7½	9	10½	
26	94%	35%	100%	32%	95%	38%	67	39	71	35	10½	7½	8½	10½	
27	97	40	100	35	97	45	66	38	69	35	10	6½	8½	10	
28	88	46	99	47	87	50	65	49	68	47	10	8½	9	11	
29	97	45	100	52	94	50	65	41	67	36	9½	6½	8	10	
30	95	44	100	44	96	50	66	43	70	40	10	7	8	10	
31	91	52	100	47	92	52	63	42	67	47	10	7½	8	10	
MONTH AVE.	90%	42%	100%	41%	86%	39%	69.0	43.5	72.7	41.3	11.8	9.0	10.4	11.6	
		66%		70%		62%		56.2		57.0		10.4			

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

NOVEMBER 1965

by Prof. R. L. Day; R. J. Laughlin, Assisting

675' 1500' 2500' 2436' 2540' 2610'
 Wawawai Wawawai Ridge Union 2690' S. Palouse... Moscow
 Snake River Canyon above Wawawai Creek Flat Genesee Flat (1 mi. University
 Canyon (3 mi. SE) Wawawai Flat Flat (S. of Moscow) of Idaho

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	67	49	66	49	60	43	69	35	66	29	65	32	64	45
2	68	48	65	49	60	51/49	61	37/34	59	33	60	35/33	57	43
3	62	46	62	48	55	41	63	31	57	31	60	32	58	42
4	63	53	60	50	54	46	56	45/41	54	45/41	53	46/41	53	47/44
5	60	47	59	45	52	41	56	35	52	34	55	38	53	40
6	59	43	55	41	51	35	56	27	51	27	56	28	54	36
7	62	43	62	44	55	37	61	28	55	28	58	31	57	38
8	53	43	53	40	51	38	56	37	52	38	58	43	56	44
9	50	40	47	42	44	38	47	29	43	29	44	30	44	36
10	52	41	51	39	44	37	48	30	42	32	46	28	45	35
11	54	43	51	41	45	38	46	36	44	37	46	35	45	38
12	52	44	49	41	43	37	47	31	41	33	47	33	47	35
13	61	45	58	41	56	38	58	30	52	36	55	37	53	38
14	53	38	50	45	47	43	50	43	50	43	49	43	50	44
15	63	43	59	40	54	39	53	39	43	38	53	37	52	41
16	59	45	60	46	54	41	57	37	55	36	57	41	55	42
17	48	41	53/49	39	50/42	37	45	35	43	36	45	38	45	38
18	53	44	54	44	50	39	53	39	51	39	55	41	53	42
19	60	46/42	56	46/43	51	44/41	52	41/29	52	38/31	52	41/30	50	45/34
20	54	39	50	42	45	38	46	28	42	28	46	26	45	34
21	56	52	52	47	45	43	47	40	46	40	43	40/38	45	41
22	55	43	51	42/40	44	40/36	46	35	44	35	46	35	46	38
23	43	38	40/38	35	35	32	38	31	36	33/31	36	32	36	32
24	50	38	47	34	40	33/31	43	32/30	38	31	41	31	40	31
25	40	35	40/36	32	34	31	34	20	33	10	34	19	33	27
26	47	37	44	34	38	31	38	29	39	29	38	30	37	31
27	49	40	45	36	39	33	38	30	39	32	40	32	38	33
28	48	36	43	36	37	31	36	27	36	25	36	27	36	28
29	51	36	44	35/30	41	31	38	29/23	38	23	39	24	36	25
30	42	32	42	25	35	29	40	25	36	21	36	25	36	27
MONTH AVE.	54.5	42.1	51.9	40.6	46.7	37.5	49.3	32.1	46.3	31.9	48.4	33.0	47.3	36.7
		48.4		46.2		42.1		40.7		39.1		40.7		42.0

PRECIPITATION	Lewis- ton Apt.	Wawa- wai	Wawa. Ridge	Univ. Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S. of G.P.	N-S Ski Bowl	Bovill 2 1/2 mi. N.	Subalp. Fir M.
Nov. 1 - 6	0.20	0.12	0.12	0.22	0.27	0.30	0.38	0.38	0.25	0.24
Nov. 6 - 13	0.11	0.29	0.29	0.30	0.24	0.31	0.40	0.35	0.14	0.29
Nov. 13 - 20	0.45	0.44	0.51	0.42	0.29	0.21	0.64	0.44	0.97	0.50
Nov. 20 - 27	0.34	0.97	0.55+	0.88	-	-	1.70	1.34+	(10"	-
Nov. 27 - 30	0	0	0	0	0	0	0	0	Snow)	0
Totals	1.10	1.82	1.47+	1.82	-	-	3.12	2.51+	-	-

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Date	3150* Viola Hill		2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	65	45	66	36	67	25	67	46	61	25	64	22	64	40
2	56	49/46	57	32	57	28	53	46	58	28	60	28/27	57	40
3	57	44	59	30	58	23	56	37	57	24	61	23	59	39
4	50	44	54	47/40	53	45/38	47	42/39	52	43/36	55	44/35	53	45/43
5	50	40	54	38	54	35	49	38	54	32	55	30	54	37
6	54	38	60	28	62	23	51	31	55	23	58	20	56	32
7	61	39	63	29	64	25	51	35	51	23	60	21	58	34
8	55	42	57	36	59	28	54	43/40	56	26	55	25	51	38
9	42	37	44	32	44	33	42	35	44	29	43	24	40	31
10	42	31	47	28	50	30	38	28	46	29	49	27	45	30
11	41	32	47	37	45	39/36	36	31	43	36	46	37	41	35
12	46	34	51	31	53	27	36	27	49	29	53	27	45	32
13	51	35	56	35	56	32	53	32	54	34	59	33	50	34
14	47	41	50	38	47	40/38	44	41	47	34	49	34	46	41
15	46	36	52	38	48	38	44	38	50	41/38	55	38/36	52	40
16	52	40	59	38/36	60	35/31	54	41	57	35	62	33/30	57	40
17	49/43	37	46	28	43	25	40	31	51	26	43	24	41	33
18	50	43	54	40	50	28	46	35	45	30	47	28	48	39
19	48	42/38	52	43/29	50	37/26	45	39/37	50	35/26	54	34/26	50	39/35
20	41	35	-	26	42	20	40	32	39	20	40	20	40	29
21	42	38	-	-	44	41/36	39	35	42	38	46	40/37	44	38
22	41	36/32	-	-	43	32	37	31	41	33	44	33	42	34
23	37/35	30	-	-	35	30/28	34	29	34	31	38	31/28	34	31/30
24	43	31/29	-	-	35	22	33	26	33	23	37	24	40	29
25	33	27	-	-	32	19	30	24	32	21	34	14	33	26
26	34	28	-	-	34	29	32	26	34	28	38	30	35	28
27	35	29	38	-	35	31	31	28	33	30/28	40	31/26	35	30
28	37	30	37	27	35	12	34	23	32e	11	40	9	36	23
29	40	28	41	25	40	9	-	26	30	4	44	2	43	24
30	37	30	37	24	34	8	-	-	33	5	40	3	38	22
MONTH	45.8	35.9	--	--	47.6	27.2	42.9	33.1	45.4	26.8	49.0	25.2	46.2	33.5
AVE.	40.8		--		37.4		38.0		36.1		37.1		39.9	

Genesee Hill: Maximum 64° on the 1st
Minimum 23° on the 30th

Record near Bovill maintained by Mr. Eldon Loe.

NOVEMBER 1965

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge	
1	82%	35%	73%	45%	88%	51%	99%	41%	79%	35%	100%	31%	87%	34%
2	78	38	68	44/51	70	45/52	86/96	55	52/76	39/52	100	54	68/95	43/68
3	87	43	70	53	88	62	99	45	78	51	100	41	100	49
4	92	35	94	45	99	50	97	59	99	63	100	56	100	67
5	80	49	78	55	89	64	98	54	95	59	100	50	98	60
6	92%	50%	85%	66%	100%	67%	98%	62%	94%	59%	100%	43%	100%	63%
7	93	43	86	48	99	55	99	48	95	34	100	44	100	62
8	93	66	98	63	99	61	84	55	99	50/61	100	50	100	41/53
9	93	78	96	80	100	94	100	90	99	86/94	100	93	100	97
10	92	63	93	68	100	88	100	85	100	92/95	100	71	100	99
11	92%	47%	93%	60%	97%	71%	99%	71%	99%	81%	99%	70%	100%	92%
12	85	63	83	71	98	88	99	69	97	65	100	47	100	95
13	92	42	95	51	100	55	97	62	97	62	100	50	99	64
14	92	79	95	55/85	100	60/93	97	88	99	96	100	93	100	72/100
15	92	42	96	50	100	57	99	71	100	80	100	73	100	91
16	93%	60%	84%	59%	100%	67%	98%	56%	96%	49%	100%	43%	100%	62%
17	93	80	96	63/73	100	67/83	89/95	71/78	98	48/72	100	81	100	98
18	86	67	80	58	99	73	93	63	91	50/70	100	64	100	81
19	85	32	72	38	88	44	90	45	87	50	100	44	99	54
20	87	54	83	56	73/93	61	99	64	74/99	62/74	100	70	100	70/92
21	57%	43%	64%	53%	82/73%	61%	94%	70%	98%	78%	100%	72%	100%	91%
22	85	43	73/92	53	80/85	58	97	65	100	69	100	71	100	98
23	93	68	97	74	100	92	100	94	100	92	100	96	100	99
24	87	48	74/91	50	98	61	100	62	99	49	100	94	100	100
25	90	75	93	68/83	100	77	99	84	99	83	100	92	100	98
26	91%	50/52%	91%	55%	99%	67%	98%	73%	99%	83%	100%	88%	100%	100%
27	92	43	89	56	98	59	96	79	99	87	100	80	100	99
28	83	43	62	53	75	59	90	72	82	55	100	83	99	94
29	74/83	37	57/81	47	61	49	85	61	76	40	100	72	95	53
30	93	55	97	48	83	66	91	70	69	53	100	99	88/97	67
MONTH AVE.	88%	52%	86%	58%	93%	66%	96%	66%	93%	66%	100%	67%	99%	79%
	70%		72%		80%		81%		80%		84%		89%	

NOVEMBER 1965

Date	RELATIVE HUMIDITIES, Continued						TEMPERATURES				SOIL TEMPERATURES °C GENESEE FLAT				
	2690* Genesee Flat		2880* Bovill (2½ miles north)		1413* Lewiston Airport (Weather Bureau)		1413* Lewiston Airport (Wea. Bur.)		760* Lewiston Downtown (Trib. Off.)		Bare, cultivated soil surface		6	21	42
	High	Low	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Max.	Min.	24 Hrs.
1	100%	51%	100%	43%	98%	51%	63	39	66	34	9½	6½	8	10	
2	88	53	100	54	91	43	64	41	65	39	9	7	8	10	
3	97	51	100	47	90	53	58	41	59	35	8	6	8	10	
4	99	54	99	63	100	47	61	48	65	46	8½	7½	8½	10	
5	100	55	100	55	97	64	57	38	61	36	8	6	8	10	
6	100%	69%	100%	57%	100%	66%	55	34	60	34	7	5	7½	10	
7	99	51	100	58	100	60	56	37	59	33	6½	4½	7½	10	
8	91	60	100	56	98	74	52	40	55	37	6	4½	7	10	
9	99	85	100	93	100	93	47	36	50	35	5	4	6½	9½	
10	99	86	100	84	100	74	50	41	54	40	5	4	7	10	
11	96%	65%	99%	77%	100%	92%	48	39	50	39	5	4	6½	9½	
12	99	80	100	56	99	76	49	36	52	36	4½	3½	6½	9½	
13	98	66	100	56	91	61	57	40	60	40	6	4	6	9½	
14	97	88	100	97	100	92	52	44	56	44	6	5	6½	9½	
15	98	63	99	78	100	44	63	41	66	41	6½	5½	6½	9½	
16	99%	67%	100%	54%	100%	68%	58	41	62	41	7	5	6	9	
17	98	86	100	98	100	90	45	39	48	35	4½	4	6	9	
18	97	73	100	91	100	83	51	37	52	36	5	4	6	8½	
19	95	48	100	48	98	34	60	40	63	37	5	4	5½	8½	
20	99	71	100	97	90	63	52	35	53	32	3	3	5½	8½	
21	88%	65%	99%	74%	71%	52%	53	45	55	40	4	3	5½	8½	
22	97	65	100	68	96	81	47	39	50	37	3½	3	5½	8½	
23	98	91	100	98	100	82	44	36	48	35	2½	2	5½	9	
24	99	74	100	98	98	73	44	32	46	29	1½	1½	5	9	
25	99	88	100	97	100	92	40	28	44	26	1	1	4½	8½	
26	97%	71%	99%	92%	99%	65%	47	33	47	32	1	½	4½	8½	
27	98	67	99	91	81	53	48	34	53	33	½	½	4	8	
28	98	71	99	93	79	56	46	33	57	30	½	½	3½	8	
29	93	59	98	92	81	46	46	32	49	30	0	0	3	8	
30	97	78	99	90	96	66	38	26	42	28	0	0	3	7½	
MONTH	97%	68%	100%	75%	95%	66%	51.7	37.5	54.6	35.7	4.5	3.6	6.0	9.2	
AVE.	82%		88%		80%		44.6		45.2		4.0				

Ground snowcovered at Genesee Flat from the 25th to the end of the month.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

DECEMBER 1965

by Prof. R. L. Day; R. J. Laughlin, Assisting

675' Wawawai Snake River Canyon
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2690' Genesee Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	47	36	47	36	39	30	37	25	38	25	41	30	41	30
2	57	48	53	42	46	37	46	35	41	36	46	36	44	38
3	61	45	59	45	54	41	54	37	46	35	50	36	49	37
4	60/52	48/45	58/51	47/45	53/48	46/42	53/49	44/35	49	36	50	38	49	42
5	55	42	53	45	48	38	52	33	51	38	51	37	49	40
6	55	39	50	39	52	38	54	34	51	35	56	35	51	39
7	54	42	51	42	46	34	46	32	48	35	46	37	45	37
8	50	43/39	49	45/39	41	37	45	32	44	37/33	46	37	44	37
9	46	37	41	35	38	31	42	27	44	32	48	34	43	34
10	42	40	40	36	34	31	34	31	36	33	35	32	36	32
11	44	37	40	35	34	31	34	27	36	33	40	27	37	30
12	41	38	36	35	31	30	32	29	33	31/30	34	29	34	31
13	41	37/32	36	32/27	30/29	26/23	32	26	30	30/28	32	27	33/31	29
14	36	27	31	24	24	22	27	19	29	20	35	18	29	19
15	35	32	31	28/26	24	21	26	23	26	22	28	23	27	25
16	36	28/25	31	23/21	27/24	20/17	27	17	28	19	31	19	28	22
17	31	22	24	16	26	16	29	10	29	14	31	12	28	18
18	34	27	29	21	33	17	35	14	32	23	35	23	33	25
19	44	23	41	23	36	22	40	19	37	21	41	22	37	26
20	49	33	44	32	40	27	42	26	38	26	44	22	38	27
21	39/37	34	41/35	32	35/31	27	33	29	35/31	28	32	28	32	28
22	37/35	33/30	35/32	29/24	29/25	23/19	30/28	24/14	30/26	25/21	30/27	25/22	30/27	25/23
23	40	22	37	20	31	15	31	12	25	6	29	6	28	17
24	49	39/34	47	35/33	39	28/27	39	27/20	35	25/10	35	26/14	36	26/20
25	38	32	35	30/28	28	23	31	17	28	10	30	10	29	19
26	39	31	36	27	29	22	31	21	31	12	34	19	31	27
27	53	39	50	34	40	28	43	29	40	22	41	27	40	26
28	65	45	62	50/42	55	41/36	54	42/37	50	38/36	50	39/35	49	39/36
29	51	36	47	38	40	33	42	25	41	30	39	29	39	31
30	48	37	44	34	40	27	40	22	37	22	40	24	36	27
31	43	35/31	37	32	32	25	34	27/25	34	23	33	22	31	26
MONTH AVE.	45.4	34.8	41.9	32.5	36.7	28.0	38.4	25.2	36.9	25.6	39.0	26.1	37.1	28.9
		40.1		37.2		32.4		31.8		31.2		32.6		33.0

PRECIPITATION	Lewis-ton Apt.	Wawa-wai	Univ. Idaho	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S. of G.P.	Bovill 2 1/2 mi. N. Mtn.	Moscow Mtn.	Nutter-ville Hill
Dec. 1 - 4	0	0	.01	.01	.01	.07	.10	.05	.05
Dec. 5 - 12	.08	.07	.08	.09	.10	.18	.10	.18	.12
Dec. 13 - 18	0	0	0	0	0	0	.03	.04	0
Dec. 19 - 26	.06	.17	.30	.32	.53	.65	.73	1.14	.56
Dec. 27 - 31	0	.34	.47	.54	.53	.65	.65	1.75	.68
Totals	0.14	0.58	0.86	0.96	1.17	1.55	1.61	3.26	1.41

Date	3150' Viola Hill		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	38	32	40	27	37	13	-	-	32	13	38	7	39	24
2	42	34	43	35	43/40	31	-	-	34	30	44	29	43	32
3	48	37	51	36	42	26	45	-	38	24	41	20	48	33
4	49/46	44/42	57/48	39	49/39	34	42	38	37	29	38	24	44/43	34
5	49	40	52	34	49	30	46	35	40	30/28	51	29/27	50	36
6	51	42	54	34	48	26	48	38	39	23	50	22	52	35
7	45	40	48	34	44	26	43	35	37	22	44	21	46	34
8	43	39	47	34	44	32/27	39	33	42	31	48	30/26	46	35
9	46	37/33	52	30	52	21	48	30	35	19	45	18	46	30
10	33	29	34	32	34	31	37/31	28	34	25	34	26	32	28
11	37	28	40	30	38	30	31	27	37	30	37	28	34	28
12	30	28	36	32	39	31	31	27	33	29	34	27	30	28
13	29/27	27/24	32	30/27	-	-	27	27/24	32	28	37	29/26	30	28/26
14	31	22	35	18	-	-	26	118	27	9	40	10	34	21
15	23	20	26	23	-	-	20	15	25	21	26	22	23	21
16	24	20	26	24	-	-	20	18	26	21	27	21	24	21
17	27	18	32	14	-	9	28	14	30	2	32	2	28	14
18	30	24	34	24	34	-	31	19	32	9	34	11	32	20
19	34	25	39	22	40	15	34	21	34	9	38	9	37	24
20	37	28	43	29	44	14	37	24	31	8	47	8	42	23
21	34/29	26	36/32	28	34/32	27	29	25	33	22	34	23	30	27
22	28/24	23/19	32/27	25/22	30/27	25/21	27	24/17	30	20	32	25/17	28	24/18
23	25	15	29	9	31	4	23	14	28	14	34	9	26	16
24	31	23	35	26/10	36	26/7	27	22/21	36	22/19	34	26/19	32	24/21
25	26	22	32	-2	33	0	25	17	26	-4	34	-1	26	15
26	28	21	33	14	32	2	26	19	30	7	37	18/12	30	20
27	36	24	39	27	42	25	34	22	33	22	35	12	38	25
28	48	35/34	54	38/36	50	34	45	34/31	48	33	49	32	50	38/32
29	37	30	39	27	36	22	31	25	33	15	37	12	36	30
30	33	27	38	20	37	13	30	22	33	13	41	14	37	26
31	29	23	31	25	30	23	24	21	30	24/21	33	22	29	25
MONTH AVE.	35.1	28.0	38.7	25.6	37.1e	20.3e	32.9	24.8	33.4	19.1	38.2	17.9	36.2	25.9
	31.6		32.2		30.8e		28.8		26.2		28.0		31.0	

Genesee Hill: Maximum 50° on the 13th
Minimum 18° on the 23rd

Record near Bovill maintained by Mr. Eldon Loe.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

DECEMBER 1965

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge	
1	68%	42%	56%	45%	76%	58%	80%	55%	71%	59%	100%	70%	-	-
2	70	46	71	52	77	61	89	71	93	56	100	74	100%	75%
3	62/76	32	61	35	72	40	87	44	88	50	100	72	-	56
4	74/78	60	68/85	66	65/82	58	97	69	77	47/71	100	90	100	60
5	86	62	86	66	93	73	96	69	85	68	100	81	100	74
6	94%	50%	87%	60/64%	90%	61%	96%	57%	75/82%	59%	100%	65%	98%	67%
7	88	59	74	60	87	57	83/95	56	81/92	53	100	53	100	59
8	90	58	88	74	97	76/90	95	72	94	77	100	75	100	92
9	95	64	97	84	100	87	94	52	92	49	100	41	100	45
10	92	77	97	87	100	100	100	97	100	99	100	91	100	99
11	92%	68%	89%	78%	100%	97%	99%	79%	99%	81%	100%	88%	100%	100%
12	87	75	97	89	100	100	99	93	99	99	99	95	100	98
13	87	53	90	60	100	87	100	83	99	97	-	-	98	97
14	90	63	92	74	98	94	99	84	98	59	-	-	97	75
15	70	58	79	67/70	94	81	93	66	97	74	-	-	97	95
16	80%	55%	85/95%	65%	95%	75%	94%	63%	94%	71%	-	-	96%	82%
17	90	70	97	92	97	72	95	63	83	63	-	-	94	62
18	82	70	93	83	95	57	72	49	66	54	-	56%	83	58
19	93	36	93	41	83	46	75	41	56	46	100%	38	78	48
20	63	30	48	35	54	38	73	37	51	39	100	32	71	40
21	94%	53/82%	96%	39/87%	100%	44/98%	100%	53/93%	99%	43/97%	100%	53/92%	100%	60/97%
22	83	62	92	79	100	95	100	89	99	96	100	90	100	80
23	88	34	84	40	96	48	97	63	96	79	98	88	100	96
24	75	34	82	39	94	48	96	63	96	69	100	63	99	96
25	91	65	86	74	100	88	97	83	98	86	100	92	98	96
26	88%	55%	97%	61%	97%	71%	98%	65%	99%	76%	100%	64%	98%	94%
27	83	35/39	92	40/45	100	48	96	62	99	59	100	47/56	100	78
28	78	23	87	24	97	29	98	45	97	41	98	44	100	47
29	82	39	64	36	72	44	90	53	98	53	100	63	99	88
30	89	36	76/90	41	99	45	100	59	99	68	100	52	99	81
31	93	41	95	52	100	58	97	64	99	71	100	70	98	93
MONTH AVE.	84%	52%	85%	59%	92%	66%	93%	64%	90%	66%	100%	67%	96%	77%
	68%		72%		79%		78%		78%		84%		86%	

ADDITIONAL RECORDS

DECEMBER 1965

RELATIVE HUMIDITIES, Continued TEMPERATURES

SOIL TEMPERATURES °C
THOMPSON WATERSHED - A.R.S.

Date	2690' Genesee Flat		2880' Bovill (2½ miles north)		1413* Lewiston Airport (Weather Bureau)		1413* Lewiston Airport (Wea. Bur.)		760' Lewiston Downtown (Trib. Off.)		Bare, cultivated soil surface				
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Max.	Min.	24 Hrs.	24 Hrs.	
1	92%	63%	100%	91%	79%	51%	44	28	44	26	-	-	-	-	
2	88	66/73	100	98	76	61	49	38	49	39	-	-	-	-	
3	91	65	100	97	75	35	59	41	52	38	-	-	-	-	
4	96	50/69	100	96	84	71	58	40	59	40	-	-	-	-	
5	96	68	100	94	97	68	53	37	55	37	-	-	-	-	
6	95%	60%	99%	95%	96%	69%	50	35	55	33	-	-	-	-	
7	96	58	99	95	91	49	53	35	54	31	-	-	-	-	
8	97	78	100	94	99	82	46	36	47	37	-	-	-	-	
9	98	68	99	96	100	80	41	29	45	34	-	-	-	-	
10	100	97	100	99	99	87	39	34	42	36	-	-	-	-	
11	99%	93%	100%	90%	100%	92%	40	32	43	37	2.5	6	8		
12	99	93	99	87	92	80	40	33	42	36	2	6	8		
13	100	82	99	88	94	61	40	33	43	38	1.5	5	8		
14	99	89	98	82	97	73	35	25	39	27	1	5	8		
15	95	69	96	72	79	66	34	27	38	30	0.6	4	7		
16	94%	67%	95%	64%	84%	53%	36	25	40	27	0.1	4	7		
17	95	64	97	59	90	59	37	17	42	18	-0.1	4	7		
18	79	62	97	56	81	45	41	23	41	26	-0.2	3	6		
19	79	50	98	58	70	36	43	26	45	25	-0.3	3	6		
20	66	48	99	80	63	33	42	29	47	28	-0.1	3	6		
21	100%	51/96%	99%	92%	100%	41%	40	32	40	33	-0.2	3	6		
22	99	90	99	91	95	70	36	30	40	32	-0.5	3	6		
23	99	88	96	78	94	55	36	22	38	24	-0.5	2.7	6		
24	95	61	96	70	80	49	41	29	44	31	-0.3	2.7	6		
25	97	91	96/99	89	100	83	33	21	36	19	-0.3	2.5	6		
26	98%	74%	99%	88%	100%	70%	37	23	39	25	-0.3	2.5	6		
27	97	72	96	55	97	56	38	27	39	29	-0.2	2.7	6		
28	72	43	98	44	81	20	63	37	66	35	-0.3	3	6		
29	95	57	100	91	76	46	41	34	47	32	-0.6	3	6		
30	100	58	100	72	92	40	48	29	51	30	0	3	6		
31	100	57	99	69	100	53	39	26	40	27	0	2.5	5		
MONTH AVE.	94%	66%	98%	92%	89%	59%	43.0	30.1	45.2	31.0	--	--	--	--	
		80%		90%		74%		36.6		38.1					

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JANUARY 1966

by Prof. R. L. Day; R. J. Laughlin, Assisting

675' Wawawai Snake River Canyon
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 3150' Viola Hill

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	36	32	38	32	33	25	35	26	32	20	33	25	28	21
2	48/40	34	44/34	32	37/28	26	38/31	28	35/30	28	35/32	28	31/28	24
3	42	33	42	32	33	26	36	28	35	26	36	28	32	25
4	47/44	38	45/41	37	37/33	30	39/37	35/32	36	32	37	32	34	29
5	46	35	46	35	42	28	40	25	43	30	41	31	39	31
6	57	43	53	40	45	34	45	35	42	34	43	34	41	32
7	54	45	51	44	44	38	43	38	44	37	43	36	43	35
8	63/51	50/46	61/44	46/41	54/41	38/32	53/41	29	51/41	39/34	50/41	39/33	50/37	34/30
9	46	34	42	34	36	30	38	30	36	28	36	29	33	26
10	48	39	45	39	38	33/30	40	33	40	33	39	33	36	32/30
11	52	39	47	36	42	30	43	32	40	32	40	32	37	30
12	53	40	50	39	44	33	45	33	44	33	39	33	37	31
13	57/53	42	53/49	46	47/44	40	46/43	40	43	37	43	37	40	33
14	54	47	48	44/42	43	36	44	37	43	37/35	41	37/34	38	33
15	47	34	41	32	42	29	40	26	39	29	36	29	31	25
16	44	32	38	30	36	28	37	23	37	24	35	26	33	23
17	34	28	34/29	25	33	25	37	23	37	26	35	26	33	26/24
18	35	32	30	27	28	25	28	24	28	24	28	24	25	22
19	36	32	31	27	28	24	26	22	28	20	27	21	22	19/16
20	34	25	29	19	26	17	26	7	23	8	24	11	21	11
21	44	32	39	29	36	25	35	24	32	22	32	22	28	20
22	37	33	32	29	30	27	31	27	33	27	33	27	29	25
23	41	31	37	28	33	27	33	26	32	26	33	26	29	23
24	35	25	26	17	25	18	24	0	23	-1/-4	21	9	24/18	13
25	38	26	38	21	33	17	34	7	34	15	31	16	32	15
26	34	30	33	26	37	26	40	24	42	31	39	31	37	31
27	39	31	38	27	38	24	39	23	41	31	39	31	35	31
28	50	37	46	36	43	26	42	24	41	33	41	33	39	32
29	50	42	47	42	44	40	45	36	44	36	44	35	42	36
30	52	40	49	39	43	35	43	35	42	34	41	35	39	33
31	51	38	45	35	43	34	42	33/26	41	32/29	40	32	36	30
MONTH AVE.	45.3	35.3	41.7	32.8	37.8	28.9	38.3	26.5	37.6	27.4	36.6	28.4	33.8	26.5
		40.3		37.2		33.4		32.4		32.5		32.5		30.2

PRECIPITATION Inches	Lewis-ton	Wawa-Apt.	Wawa-Ridge	Univ. Idaho	Potlatch Val.	Harvard Flat	1 mi. S. of G.P.	Bovill 2 1/2 mi. N.	Moscow Mtn.	Nut'tv Hill
Jan. 1 - 8	1.24	3.14	1.47	2.82	2.27	3.96	3.60	5.04	5.38	3.47
" 8 - 15	.09	0.54	0.34	0.57	0.47	0.84	1.57	1.49	1.87	0.86
" 16 - 22	T	0.03	0.02	0.05	0.09	0.13	0.13	0.17	0.30	0.23
" 23 - 31	.10	0.44	0.30	0.56	0.49	0.74	0.92	0.85	1.60e	0.75
Totals	1.43	4.15	2.03	4.00	3.32	5.67	6.22	7.55	9.15e	5.35

page 2

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	31	24	30	20	-	21	29	20	33	23	-	-
2	32	26	32/29	26	-	-	30	23	34/31	26	-	-
3	31	26	32	26	-	-	30	25	33	26	-	-
4	38/36	28	35	30	-	-	36	27	38	32	-	-
5	42	31	42	28	-	-	34	28	36	26	-	-
6	44	35	44	33	-	-	40	32	41	32	-	-
7	45	36	43	32	-	-	40	32/29	45	30	-	-
8	55/40	35	51/38	37/32	43/32	27	43/38	29	41	29	38e	-
9	38	31	36	29	32	23	36	27	42	27	38e	26
10	42	35	41	29	38	28	41	27	42	29	41e	29
11	41	34	38	31	33	28	36	30	41	32	40e	29
12	42	34	40	32	34	30	39	30	43	32	42e	30
13	44	37	41	33	36	31	38	30	41	31	40e	32
14	43	38	43	35	34	31	38	29	41	34/30	41e	32
15	38	29	38	26	28	24	35	19	37	22/14	39e	26/24
16	40	23	39	14	28	17	34	11	40	11	40e	18
17	40	21	40	10	33	15	35	1	44	5	40e	18
18	29	25	29	21	23	19	27	14	30	18	28e	20
19	28	22/15	30	18/10	21	15	27	14/13	31	18/+1	37e	18/11
20	25	3	24	-6	20	7	22	-16	24	-6	24e	2
21	32	22	32	14	27	15	31	10/+7	32	15	31e	16
22	32	25	32	-	26	21	30	10	34	16	32e	22
23	32	27	31	25	28	22	30	24	32	25	31e	23
24	26	16/-6	27	13/-7	22	14/12	25	14/-10	32	2/-7	26e	12
25	34	-6	34	-7	29	12	33	-12	39	-10	34e	8
26	40	29	40	-	38	26	38	10	42	14/12	42e	25
27	40	30	35	29/17	33	27	32	6	38	8	37e	25
28	44	29	43	29	42	29	41	28/22	47	29/24	44e	30
29	45	35	44	27	40	33	44	16	49	19	46	30
30	45	33	43	26	42	30	42	22	48	27	45e	31
31	38	32/28	43/36	31	31	28	37	31	44	30/22	39e	30
MONTH AVE.	38.0	26.2	36.9	22.3	31.6e	23.5e	34.6	17.9	38.5	19.3	37.6e	23.3e
		32.1		29.6		27.6e		25.2		28.9		30.4e

e = estimates; where records missing, monthly averages estimated by comparing daily records with those in other locations of similar character. 4° was added to all daily maxima at the hilltop near subalpine fir meadow location due to apparent malfunctioning of instrument, whereby all maxima appeared to be at least 4° too low.

Record near Bovill maintained by Eldon Loe.

JANUARY 1966

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500' Ridge above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	58%	40%	66%	46%	78%	52%	89%	62%	88%	66%	89%	62%	96%	-
2	94	36/74	97	40/84	100	44/100	100	46/100	100	61/100	100	63/100	-	-
3	96	50	97	58	100	100	100	94	100	100	100	100	-	-
4	92	63	90	64/71	100	78	98	77	100	94	100	91	-	-
5	90	68	91	72	100	84	98	73	100	86	100	78	-	-
6	86%	36%	94%	44%	99%	52%	99%	63%	99%	64%	100%	-	-	-
7	87	55	87	65	97	76	98	76	99	74	100	86%	-	-
8	67	30/42	78	32/53	89	58	90	66	94	42/70	-	-	-	80%
9	85	48	72	53	77	53	93	60	95	63	-	-	98%	60
10	76	44	82	50	65/97	53/60	100	52	100	52	-	-	98	59
11	93%	45%	94%	58%	100%	63%	100%	76%	100%	86%	-	-	100%	95%
12	92	50/53	82	59	96	68	98	72	100	86	-	-	100	100
13	93	43/45	97	55	98	62	96	68	99	73	-	-	100	90
14	71	46	78	56	93	63	93	67	99	78	-	-	98	86
15	92	57	92	75	97	74	100	71	99	81	-	75%	100	99
16	93%	56%	90%	73%	100%	83%	99%	69%	99%	76%	100%	60%	99%	96%
17	93	80	99	84	100	84	100	68	100	68	100	52	99	99
18	89	65	96	84	100	100	100	92	100	98	100	86	99	99
19	77	57	89	70	100	99	97	71	98	94	98	61	99	47
20	72	45	80	55	98	68	97	62	96	54	95	51	90	45/65
21	66%	37%	62%	47%	76%	56%	92%	68%	94%	63%	98%	-	97%	73%
22	90	69	90	81	98	97	97	92	98	92	98	87e	98	91
23	94	65	97	76	99	96	98	91	100	98	100	93	99	97
24	72	53	86	63	100	81	100	75	98	83	100	73	99	95
25	72	57	76	62	96	79	94	73	94	72/74	100	-	99	98
26	88%	69/81	98%	88%	98%	69%	81%	55%	74%	58%	100%	70%	98%	83%
27	88	70	98	68	99	69	88	58/66	81	57/66	100	67	95	87
28	88	57	87	48	91	64	99	73	98	65	100	75	100	76
29	65	52	57	46	66	53	82	62	72	42	100	64	75	54
30	82	53	87	56	89	71	94	70	99	50/75	100	96	100	52/70
31	78	40	77	53	86	59	98	66	99	75	97	60/81	100	95
MONTH AVE.	83%	55%	86%	62%	95%	73%	96%	72%	96%	76%	99%	74%	98%	85%
	69%		74%		84%		84%		86%		86%		92%	

Inches	Wawa- wai		Wawa. Ridge	Potlatch Moscow		Harvard Val. Flat		1 mi. S. of G.P.		Emida Ridge	Bovill 2 1/2 mi. N.	
	1	0		1 (18 3d)	5	3	10	13	10 (28 3rd)			
January	1	0	0	1 (18 3d)	5	3	10	13	10 (28 3rd)			
"	8	0	0	T	T	T	14	25	17			
"	15	0	0	T	T	2	15	28	18			
"	22	0	0	1/2 (7 23d)	1/2	2	15	35	19 (32 23d)			
"	29	0	0	T	T	4	15	38	22			

ADDITIONAL RECORDS

JANUARY 1966

RELATIVE HUMIDITIES, Continued

TEMPERATURES

SOIL TEMPERATURES °C
THOMPSON WATERSHED A.R.S

Date	2635'		2880'		1413'		1413'		760'		Bare, cultivated soil surface		
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	6 Inches	21 Inches	42 Inches
1	-	-	95%	78%	68%	49%	40	27	45	28	0	2.4	5
2	-	-	98	69	100	39	42	31	45	32	-	-	-
3	-	-	98	96	100	91	34	27	39	29	-	-	-
4	-	-	100	95	96	82	43	34	42	34	0	2.2	5
5	-	-	99	98	100	86	38	28	39	31	0.5	2.6	5
6	-	-	100%	77%	89%	72%	44	36	47	36	0.5	2.6	5
7	-	-	100	90	93	79	49	38	48	39	0.5	2.6	5
8	-	72%	100	65	85	39	49	39	53	40	0.5	2.5	5
9	96%	61	90	54	77	57	42	29	44	29	0.5	2.4	5
10	96	59	98	53	77	54	45	35	47	36	0.5	2.2	5
11	100%	75%	100%	88%	95%	48%	51	33	54	35	0.5	2	5
12	100	81	100	91	95	51	52	35	52	37	0	2	5
13	100	88	100	95	72	60	50	41	53	42	2	2.5	5
14	100	68	100	72	91	43	52	40	55	41	2.5	3	5
15	100	73	99	81	90	65	42	30	45	29	1.5	3	5
16	97%	64%	98%	78%	97%	61%	40	23	44	26	1	3	5
17	97	52	96	94	96	59	40	24	42	22	1	3	5
18	99	86	99	88	94	76	35	28	37	30	0	2.5	5
19	99	57	98	54	85	64	33	25	37	30	0	2	4
20	94	63	91	62	86	55	30	16	35	17	0	2	4
21	97%	71%	96%	69%	79%	41%	42	36	42	29	0	2	4
22	100	-	97	89	97	63	39	29	43	31	0	2	4
23	99	95	99	95	100	92	34	28	37	31	0	2	4
24	99	64	95	68	86	73	28	21	30	24	0	2	4
25	97	69	95	80	86	72	34	17	37	19	-0.5	2	4
26	98%	69%	98%	78%	73%	49%	47	31	44	32	0	2	4
27	98	66	100	94	93	71	40	28	40	29	0	2	4
28	100	69	100	84	97	60	52	33	52	33	0	2	4
29	99	53	98	83	80	51	46	34	48	36	0.2	2	4
30	100	58	100	68	98	61	48	34	50	25	0.2	2	4
31	99	62	100	73	99	47	49	30	55	31	0.2	2	4
MOJAVE AVE.	98%	72%	98%	79%	89%	61%	42.2	30.1	44.5	30.9	0.3	2.4	4.6
	85%		88%		75%		36.2		37.7				

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

FEBRUARY 1966

by Prof. R. L. Day; R. J. Laughlin, Assisting

675* Wawawai Snake River Canyon
 1500* Wawawai Canyon (3 mi. SE)
 2500* Ridge above Wawawai
 2436* Union Creek Flat
 2540* S. Palouse Flat (1 mi. S. of Moscow)
 2610* Moscow University of Idaho
 2660* 415 Residence Street Moscow

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	47	32	41	31	39	26	39	22	40	25	37	26	38	26
2	44	32	40	28	34	24	39	22	38	21	35	22	36	23
3	47	33	44	34	40	28	41	26	40	28	38	28	38	28
4	55	40	51	40	47	37	46	35	44	34	42	34	42	33
5	53	37	46	38	40	35	42	29	44	32	42	33	42	33
6	41	37	45/38	34	35	32	35	29	36	32	37	32	36	31
7	48	35	43	32	39	31	37	30	36	29	35	31	-	-
8	44	36	39	33	34	29	35	29	37	28	36	29	36	29
9	47	36/34	41	33	35	29	35	29	37	28/21	35	29/23	34	28/23
10	46	28	40	26	35	25	35	12	36	9	33	13	33	11
11	53	35	49	33	43	29	41	25	40	26	40	27	38	25
12	45	36	39	30	37	26	35	23	34	21	34	22/21	32	21
13	45	32	41	32	38	30	37	25	35	12	35	18	34	17
14	42	32	38	31	35/28	28/26	33	29/23	32	27/17	31	27/20	28	25/19
15	41	24	37	20	30	18	30	3	30	-6	30	6	28	5
16	46	32	39	30	35	26	36	23	38	25	36	25	34	22
17	51	34	47	33	43	32	41	28	41	29	40	30	38	26
18	54	35	46	37	45	35	42	31/28	44	22	44	29	43	26
19	48	37	45	38	42	33	41	28	45	31	42	32	42	30
20	58	40	53	39	50	37	47	33	42	34	42	34	40	32
21	55	37	50	35	48	32	47	28	48	33	46	32	47	31
22	62	38	56	40	54	37	51	33	51	34	49	32	50	34
23	53	43	55/50	44	52/46	40	46	34	46	38	45	38	46/42	38
24	58	37	56	39	51	36	50	31	52	35	49	34	51	34
25	58	38	56	39	53	38	49	32	51	32	49	34	53	33
26	53	40	49	39	45	37	44	30	46	29	44	32	46	32
27	54	42	50	39	45	34	43	34	45	33	43	34	44	33
28	51	45	47	38	41	33	41	35	41	35	40	34	39	34
MONTH AVE.	50.0	35.8	45.4	34.5	41.4	31.2	40.6	27.1	41.0	26.4	39.6	28.0	39.2	27.1
		42.9		40.0		36.3		33.8		33.7		33.8		33.2

PRECIPITATION Inches	Lewiston Airport	Wawawai	Univ. of Idaho	Harvard Val. Flat	1 mi. S. of G.P.	Bovill 2 1/2 mi. N.	Moscow Mtn.	Nut v. Hill
Feb. 1 - 5	0.01	0.15	0.20	0.18	0.32	0.34	) 2.39	0.18
" 6 - 12	0.37	0.42	0.59	0.55	1.02	0.70	)	0.86
" 13 - 19	0.26	0.66	0.22	T e	T	0.46	1.01	0.39
" 20 - 28	0.07	0.16	0.24	0.54	0.71	0.68	0.88	0.31
Totals	0.71	1.39	1.25	1.24	2.05	2.18	4.28e	1.94

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - FEBRUARY 1966 '2.

page 2

Date	3150* Viola Hill		2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	35	27	42	17	43	7	38	20	40	-3	46	3	40	20
2	35	24	41	16	42	8	40	22	41	-1	46	3	43	19
3	38	29	44	22	48	9	43	24	44	-3	47	2	42	23
4	41	32	45	36	44	32	45	32	43	29	46	29	43	33
5	40	34	44	32	42	30	38	31	41	30	45	28	42	31
6	35	29	37	32	34	27	32	28	36	23	37	22	33	28
7	31	28	36	32	33	30	28	26	32	30	35	32	31	29
8	28	25	35	29	33	27	29	24	31	27	35	26	29	25
9	31	25	36	29	36	27	28	24	34	27/17	40	28/19	30	25/22
10	27	20	36	4	32	-5	26	14	31	-9	36	-3	31	11
11	34	24	38	23	33	14	30	20	33	15	40	10	33	19
12	30	19	35	18	-	12	29	19	30	14	36	12/4	29	19
13	32	23	35	8	-	-	29	18	30	-6	38	-2	30	15
14	27	24	33	28/18	-	-	29	23	36	20	41	24/9	30	25/21
15	26	16	31	-5	-	-8	30	15	28	-18	35	-5	28	8
16	33	24	39	25	-	-	34	19	34	15	42	15	36	20
17	37	31	40	30	-	-	34	24	38	23	40	17	37	26
18	40	31	43	26	-	-	46	27	45	21	54	23	48	31
19	41	33	46	28	46	-	46	28	46	7	43	11	39	26
20	38	32	44	33	39	33	36	31	37	31	43	31/29	40	32
21	46	34	51	29	52	20	44	26	51	20	54	14	50	29
22	48	38	55	30	56	17	56	31	54	8	57	10	50	30
23	-	-	45	33	44	27	45	40/35	44	19	48	23	46	33
24	-	-	53	32	53	29	51	32	51	27	54	25	52	31
25	48	-	49	32	48	29	44	33	46	26	51	26	46	30
26	39	35	40	27	41	24	35	30	38	19	41	21	38	27
27	40	31	44	35	42	30	35	28	37	27	42	29	38	31
28	37	30	43	32	38	32	34	28	37	30	40	32	36	31
MONTH AVE.	36.6	28.8	41.4	27.1	40.3e	19.3e	36.9	25.4	38.9	15.6	43.3	16.1	38.2	25.0
		32.7		34.2		29.8e		31.2		27.2		29.7		31.6

SNOW DEPTHS Inches	Wawa-wai	Wawa-Ridge	Moscow	Potlatch Val.	Harvard Flat	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. N.
February	5	0	0	T	T	3 e	15	21
"	12	0	T e	1.5	(6½ 2	5	19	24 (31
"	19	0	1	1.0	14th)1	T	15	25 14th)
"	26	0	0	T	0	0	11	25

e = estimates made necessary by missing data.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

FEBRUARY 1966

Date	675* Wawawai Snake River Canyon		1500* Wawawai Canyon (3 mi. SE)		2500* Ridge above Wawawai		2540* S. Palouse Flat (1 mi. S. of Moscow)		3150* Viola Hill		2590* Harvard Valley Flat		3700* Emida Ridge	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	98%	58%	85%	69%	100%	70%	99%	68%	89%	72%	100%	46%	100%	56%
2	95	62	99	65	100	82	100	67	100	58	100	46	100	49
3	92	50	74	51	82	58	80	58	70	54	100	35	88	45
4	97	52	85	54	97	60	97	74	100	64	100	80	100	78
5	99	59	92	66	98	73	100	75	99	82	100	80	100	74
6	99%	91%	99%	69/89%	100%	97%	100%	92%	100%	90%	100%	95%	100%	100%
7	100	53	98	58	98	68	100	83	100	91	97	87	100	97
8	93	65	90	60/72	98	70/83	97	84	99	98	97	89	99	93
9	97	59	94	65	99	74	99	78	99	93	97	72	98	85
10	98	60	92	60	98	74	98	75	98	87	100	76	98	75/88
11	81%	30%	74%	31%	84/100%	38%	100%	50%	99%	63%	98%	58%	98%	87%
12	88	38	90	41	98	42	96	58	98	49	100	-	100	58
13	79	49	78	53	77	55	99	72	99	71	-	-	98	78
14	100	46	100	57	100	98	100	93	100	92	-	-	99	66
15	75	43	65	46	98	66	94	60	92	52	-	-	86	48
16	71%	54%	67%	52/56%	81%	69/73	90%	72%	80%	71%	-	-	94%	78%
17	86	50	86	55	89	64	97	74	92	80	-	-	96	88
18	89	53	78	61	86	63	98	66	94	52	-	-	98	48
19	93	57	63	58	73	65	83	58	68	50	-	43	92	40e
20	99	46	96	52	98	61	99	85	100	91	100	97	100	98
21	98%	55%	88%	57%	100%	62%	97%	68%	92%	40%	100%	37%	100%	54%
22	87	32	65	28	73	32	86	43	66	34	100	20	95	22
23	77	36/57	58/63	27/50	70	30/50	91	42/61	-	-	97	60	97	32/37
24	98	44	77	50	90	57	95	49	-	-	100	36	100	43
25	99	42	93	48	97	51	100	53	-	-	99	53	98	61
26	94%	41%	93%	44%	99%	52%	100%	61%	-	-	100%	58%	100%	87%
27	82	40	65	42	76	46	91	56	88%	57%	98	53	97	63/68
28	55	43	65	46	74	53	85	60	99	70	96	62	98	64
MONTH AVE.	90%	51%	83%	54%	91%	63%	95%	68%	93%	68%	99%	62%e	97%	68%
	70%		68%		77%		82%		80%		80%e		82%	

e = estimated because of missing records

ADDITIONAL RECORDS

4.

FEBRUARY 1966

RELATIVE HUMIDITIES, Continued

TEMPERATURES

SOIL TEMPERATURES °C
THOMPSON WATERSHED A.R.S.

Date	2635' Subalpine Fir Meadow		2880' Bovill (2½ miles north)		1413' Lewiston Airport (Weather Bureau)		1413' Lewiston Airport (Wea. Bur.)		760' Lewiston Downtown (Trib. Off.)		Bare, cultivated soil surface			
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Mx.	Mn.	Noon	Noon
1	99%	57%	98%	52%	97%	57%	43	25	47	25	0	0	2	4
2	97	50	95	51	96	60	41	22	43	29	0	0	2	4
3	98	46	96	42	83	52	44	27	47	24	0	0	1.5	4
4	100	86	100	83	90	62	48	38	50	37	0.4	0	2	4
5	100	80e	100	82	100	73	48	33	50	33	0.2	0	2	4
6	100%	89%	99%	93%	100%	93%	38	30	40	32	0	0	2	4
7	94	82	99	91	99	70	44	32	46	23	0	0	2	4
8	98	76/84	97	88	97	63	43	32	45	32	0	0	2	4
9	98	68	98	63	100	60	42	29	45	32	0	0	2	4
10	95	67	98	77	95	67	40	22	45	25	0	0	2	4
11	99%	54%	97%	70%	85%	40%	46	28	49	30	0	0	1.5	3
12	100	62	99	70	71	39	41	30	45	34	0	0	1.5	3
13	96	65	95	70	93	42	45	22	47	24	0	0	2	3
14	99	60	99	59	100	60	60	39	45	32	0.3	0	2	4
15	95	46	96	53	69	53	34	18	36	23	0.2	0	2	4
16	96%	55%	96%	66%	84%	52%	41	27	46	29	0.2	0.1	2	3
17	99	67	99	74	96	72	39	29	42	30	0.1	0	2	3
18	99	47	100	49	98	55	51	27	55	28	0.4	0	2	3
19	100	60	99	47	80	58	46	33	49	30	0.2	0	2	3
20	100	84	100	92	95	68	51	36	54	38	0	0	2	3
21	99%	54%	100%	51%	100%	58%	52	30	56	32	2	0	2	3
22	100	34	98	30	88	36	57	32	61	30	4	1	3	4
23	99	50	100	53	74	54	49	35	51	38	3.5	2	3	4
24	100	49	100	43	90	44	55	35	59	36	7	2	3	4
25	99	56	99	57	97	46	55	35	59	36	8.5	3	4	4
26	100%	62%	100%	73%	95%	66%	50	36	55	37	4	3	4	4
27	99	56	100	58	96	36	52	35	54	33	3	2	-	-
28	99	63	99	56	61	39	47	40	50	44	2	1.5	-	-
MONTH AVE.	98%	62%	98%	64%	80%	56%	45.6	30.3	48.9	31.3	1.3	0.5	2.3	3.7
	80%		81%		68%		38.0		40.1		0.9			

Record near Bovill maintained by Mr. Eldon Loe.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

MARCH 1966

by Prof. R. L. Day; R. J. Laughlin, Assisting

675' Wawawai Snake River Canyon
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 2660' 415 Residence Street Moscow

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	46	36	41	31	36	27	35	29/25	36	27	35	27	37	27
2	46	27	40	24	36	21	36	16	37	19	34	20	38	20
3	45	25	40	22	35	20	36	15	37	19	33	20	37	19
4	49	28	43	25	38	21	28	18	38	21	38	21	36	20
5	56	37	52	37	46	34	48	31	46	29	44	29	42	29
6	53	42	51	39	45	36	47	34	45	35	43	33	42	33
7	57	40	51	37	49	33	47	33/30	49	32	46	33	48	33
8	54	42	50	43	44	37	46	30	44	35	43	33	43	33
9	64	50/46	60	49/43	54	44/37	53	42/38	52	42/38	50	41/37	50	41/39
10	54	42	50	42	46	36	46	36/33	46	36/31	45	35/33	45	35
11	62	35	56	36	52	31	52	36	52	28	52	29	50	29
12	68	43	64	45	60	40	61	32	60	35	59	37	58	37
13	62	45	59	44	-	-	53	41	53	43	53	42	53	42
14	58	44	58	45	-	-	56	37	54	39/38	52	39	52	38
15	54	40	50	42	-	-	45	33	42	35	41	34	41	34
16	49	41	45	40	-	-	39	34	38	32	37	32	37	32
17	51	37	46	34	-	27	42	28	45	27	41	27	40	27
18	53	36	50	35	-	-	44	29	42	28	43	29	42	28
19	50	41	46	39	41	-	40	34	41	32	39	33	38	32
20	50	37	45	33	41	28	41	29	41	28	41	28	41	27
21	47	34	42	32	-	26	35	28	36	29	34	29	34	27
22	52	30	45	29	40e	22	41	14	42	13	42	18	40	19
23	58	33	51	35	-	29	48	27	50	30	49	29	48	29
24	63	35	59	38	-	-	56	27	60	34	57	32	58	32
25	68	37	63	41	61	-	62	28	63	29	63	34	64	35
26	70	39	65	43	62	38	63	30	65	30	66	37	67	38
27	73	42	68	45	64	40	65	32	66	30	68	38	68	39
28	75	43	70	47	67	42	68	33	69	31	69	38	70	41
29	75	47	74	48	69	43	72	34	73	34	72	42	72	43
30	72	48	66	48	61	46	61	36	64	35	61	44	62	44
31	71	50	65	47	63	42	62	41	62	39	63	41	63	40
MONTH AVE.	58.2	38.8	53.7	38.4	49.4e	33.4e	49.6	30.1	49.9	30.5	48.8	32.2	48.9	32.3
		48.5		46.0		41.4e		39.8		40.2		40.5		40.6

e = estimated because of missing records

PRECIPITATION	Lewiston Airport	Wawa-wai	Univ. of Idaho	Harvard Val. Flat	1 mi. S. of G.P.	Bovill 2 1/2 mi. N.	Moscow Mtn.	Nut *v. Hill
March 1 - 6	T	0.03	0.05	T	0.07	0.27	0.44	0.17
" 7 - 12	0.43	0.57	0.86	0.87e	0.85	1.83	1.32	1.10
" 13 - 19	0.38	0.52	0.64	1.01	1.13	1.19	1.26	0.93
" 20 - 26	0.16	0.76	0.32	0.40e	0.45	0.42	1.98	0.50
" 27 - 31	0	0	0	0	0	0	0	0
Totals	0.97	1.88	1.87	2.28e	2.50	3.71	5.00	2.70

Date	3150' Viola Hill		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	34	24	36	25	-	-	32	20	30	23	36	19	32	22
2	32	22	36	17	-	-	28	16	35	-7	39	7	34	15
3	32	19	35	18	-	-	32	13	34	0	37	12	32	17
4	35	21	40	14	-	2	38	9	39	-9	44	1	36	13
5	42	29	45	32	-	-	35	27	41	9	48	17	42	25
6	-	-	46	24	43	-	40	29	41	23	44	26	42	28
7	-	-	47	33/32	47	34/30	41	29	44	32/27	48	33/28	41	30
8	-	-	44	31	43	29	36	33	39	26	41	28	38	30
9	48	-	49	41/38	47	38/35	41	36/32	42	33	42	35	45	35
10	-	-	45	35/30	43	33/27	37	30/28	43	31/29	48	34/27	40	31
11	-	29	54	27	53	20	50	25	52	16	53	19	49	25
12	56	-	61	32	61	25	59	-	56	22	62	23	58	33
13	54/50	39	52	40	53	32	50/45	27	43	27	47	31	47/44	36
14	50	40/37	56	35	56	29	49	36/33	47e	28	60	29	54	34
15	40	34	43	32	43	26	40	31	39	25	41	25	41	30
16	35	31	38	32	39	31/29	33	29/27	35	31/28	38	33	35	29
17	36	25	40	27	39	23	36	22	38	21/16	43	28/26	38	24
18	43	29	46	29	47	23	41	25	42	10	41	21	37	25
19	36	31	40	34	49/38	32	32	30	38	31/25	37	33/30	33	29
20	37	24	40	28	41	28	36	23	38	25	42	29	36	25
21	31	26	34	30/20	35	30/12	32	25	33	28/16	35	29/13	31	25/24
22	37	25	42	9	43	6	42	18	42	-3	45	1	38	15
23	45	30	51	27	51	20	50	23	50	9	51	13	46	24
24	54	33	58	27	59	20	55	31	55	11	58	15	55	27
25	60	40	63	28	64	23	59	-	62	16	62	20	59	30
26	62	42	64	30	66	25	63	37	61	18	66	22	62	32
27	64	41	66	31	67	24	-	-	61	19	68	22	65	34
28	66	45	67	31	69	26	-	-	64	21	69	25	67	34
29	68	45	71	32	72	27	-	-	67	21	72	26	70	37
30	58	48	62	33	62	28	-	-	58	23	63	28	61	38
31	59	41	62	35	62	33	-	-	61	30	65	38	62	42
MONTH AVE.	46.0e	32.7e	49.5	28.4	49.6e	23.5e	45.0e	28.4e	46.1	18.0	49.8	22.2	45.9	28.2
		39.4e		39.0		36.6e		36.7e		32.0		36.0		37.0

e = estimated because of missing records.

SNOW DEPTHS Inches	Wawawai	Wawa Ridge	Potlatch Val. Flat	Harvard Val. Flat	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. N.
March	6	0	0	0	T	6	41
"	12	0	0	0	T	5	39
"	19	0	0	0	0	4	40
"	26	0	0	0 (5" 21st)	0	1e	37
"	31	0	0	0	0	T	24e

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

MARCH 1966

Date	675*		1500*		2500*		2540*		3150*		2590*		3700*	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge	
1	80%	37%	89%	42%	86%	44%	95%	44%	99%	48%	100%	-	98%	55%
2	95	38	90	44	92	47	98	48	83	56	-	-	99	60
3	96	40	85	45	84	47	98	47	80	55	-	-	93	39
4	86	37	72	46	77	45	92	47	80	48	-	32	98	33
5	65/91	47	52/85	47	64/95	53	75/98	57	-	-	-	-	75/98	55
6	91%	53%	85%	55%	96%	58%	98%	66%	99%	-	100%	-	98%	63%
7	100	32	99	38	100	36	100	45	-	38%	100	42	100	66
8	82	65	85	48/72	91	50/80	98	63/83	-	-	99	89	99	80/98
9	91	45	78/94	48	99	52	92/99	68	-	-	100	72	98	92
10	98	38	96	44	98	42	100	54	100	-	100	50	99	63
11	93%	37%	74%	41%	80%	42%	99%	44%	-	-	100%	26%	97%	26%
12	80	33	54	37	55	39	73	43	-	39	98	30	61	35
13	97	43	99	48/52	99	47/53	97	43/65	99	69	100	64	99	41/94
14	96	52	88	59	98	65	97	67	97	75	100	52	100	72
15	91	44	82	50	92	55	96	72	98	73	98	64	100	89
16	90%	45%	76%	50%	92%	55%	97%	67%	100%	65%	99%	63%	100%	76%
17	64	35	70	40	81	44	88	45	92	48	98	43	96	51
18	67	45	65	48	63	53	83	60	64	53	93	40	76	46
19	90	33	96	36	99	37	100	50	100	52/53	98	51	99	90
20	89	37	94	38	99	40	99	50	98	44	98	43	97	57
21	97%	44%	100%	47%	100%	-	100%	76%	100%	81%	99%	78%	99%	73%
22	92	44	68	49	-	-	100	49	88	61	100	49	99	48
23	86	39	68	43	-	-	-	-	70	40	99	31	100	30
24	88	38	70	38	-	-	-	-	73	42	99	28	71	31
25	96	39	65	46	-	-	99	-	70	38	100	27	94	31
26	100%	37%	74%	42%	-	42%	100%	37%	70%	36%	100%	25%	79%	41%
27	98	37	68	44	77	45	99	34	72	35	100	26	94	34
28	99	30	73	32	73	30	99	31	70	32	100	27	86	35
29	94	32	64	32	70	33	100	26	60	30	100	19	74	25
30	85	40	75	48	66	48	98	42	93	50	100	38	60	45/55
31	87	30	88	35	91	33	98	32	96	34	99	25	99	23
MONTH AVE.	90%	40%	80%	45%	85% ^e	46% ^e	96%	50% ^e	88% ^e	53% ^e	99%	44%	92%	54%
	65%		62%		66% ^e		73%		70% ^e		72%		73%	

e = estimated because of missing records.

ADDITIONAL RECORDS

4.

MARCH 1966

RELATIVE HUMIDITIES, Continued

TEMPERATURES

SOIL TEMPERATURES °C
THOMPSON WATERSHED, A.R.S.

Date	2635 [†] Subalpine Fir Meadow		2880 [†] Bovill (2½ miles north)		1413 [†] Lewiston Airport (Weather Bureau)		1413 [†] Lewiston Airport (Wea. Bur.)		760 [†] Lewiston Downtown (Trib. Off.)		Bare, cultivated soil surface 6 21 42 Inches Inches Inches			
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Mx.	Mn.	Noon	Noon
1	93%	52%	97%	64%	76%	42%	42	29	45	30	-	-	-	-
2	97	44	95	46	94	34	42	19	43	20	1	-	3	4
3	97	42	98	39	85	39	40	22	45	22	1	0	2.5	3.5
4	97	40	96	37	86	37	47	21	49	20	0	0	2	3.5
5	94	50	99	46	82	46	50	32	53	35	0	0	2	4
6	100%	70%	100%	74%	95%	55%	48	34	51	36	1	0	2	3.5
7	99	44	99	48	94	40	52	36	55	38	3.5	0.5	2	3.5
8	100	88	99	82	84	66	47	37	49	39	2.5	1	2	4
9	100	87	100	87	89	60	55	42	54	43	4	2.5	2.5	4
10	99	46	100	49	97	33	55	38	57	39	-	-	2.5	4
11	99%	36%	98%	35%	92%	30%	57	30	60	31	-	2	2.5	4
12	100	36	99	35	68	31	64	39	67	40	8	4	3	4
13	99	89	100	91	98	62	57	42	60	43	6.5	5	4.5	4
14	99	54	100	56	98	62	60	40	61	39	6	4	5	4
15	99	82	100	84	95	70	48	34	51	35	3.5	2.5	4.5	4
16	99%	68%	100%	82%	92%	46%	47	36	50	38	2.5	2	4	4
17	96	44	97	59	78	38	49	29	54	33	3	1	3.5	4
18	97	49	97	55	70	49	48	31	50	32	1.5	1	3.5	4
19	99	55	100	71	97	45	47	37	50	40	1.5	1	3.5	4
20	97	45	97	42	92	33	49	31	51	35	3	1	3	4
21	99%	73%	99%	81%	99%	53%	44	31	46	32	1	1	3	4
22	99	50	97	54	92	39	48	25	51	26	2	0.5	2.5	4
23	100	38	98	37	85	37	53	29	57	29	6.5	1	3	4
24	100	35	99	31	92	30	60	30	64	32	9	2	3.5	4
25	100	38	99	31	87	31	65	33	68	31	10	3	4	4
26	100%	39%	100%	37%	89%	34%	68	35	70	34	13	5	6	4.5
27	100	35	100	33	90	33	70	35	72	35	14	6	6	4.5
28	100	35	100	38	84	31	72	38	75	37	15	6.5	7	5
29	100	28	99	27	84	32	73	38	77	38	17	7.5	7.5	5
30	100	41	99	40	76	44	65	40	67	40	12	8.5	8.5	5.5
31	97	28	100	33	82	28	68	46	73	48	15.5	8	8.5	6
MONTH AVE.	99%	50%	99%	52%	88%	42%	54.5	33.5	57.3	34.5	5.6	2.5	3.9	4.2
	74%		76%		65%		44.0		45.9		4.0			

Record near Bovill maintained by Mr. Eldon Loe.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

APRIL 1966

by Prof. R. L. Day; Bruce Yilek, Assisting

Date	675*		1500*		2500*		2436*		2540*		2610*		3150*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	73	48	66	49	62	43	63	38	62	43	62	43	59	46/40
2	62	45	57	40	53	35	53	35	52	31	52	33	50	30
3	67	33	62	39	56	34	57	24	57	23	59	30	53	34
4	71	39	66	43	61	39	60	29	61	31	62	34	58	36
5	76	42	73	46	69	40	68	29	70	30	70	38	68	39
6	78	42	73	48	70	45	69	30	70	29	70	37	66	44
7	78	43	73	50	69	48	70	34	71	34	71	40	67	50
8	78	46	74	52	71	48	70	36	72	33	73	42	68	48
9	69	54	64	51	60	46	58	45	60	46	58	44	58	40
10	66	50	61	51	58	44	56	42	58	42	57	43	56	42
11	65	44	60	48	57	43	56	36	56	36	54	42	52	41
12	54	45	54/50	44	46	35	44	37/30	46	37/30	45	37	42	34
13	63	34	58	38	55	32	56	25	58	22	57	28	56	32
14	74	44	69	50	62	43	64	34	65	37	63	41	61	44
15	71	53	66	56	61	48	62	42	61	40	60	46	59	46/44
16	65	48	-	47	55	40	56	38	56	35	55	37	54	36
17	59	41	-	-	48	32	48	29	50	27	49	31	46e	28
18	55	38	-	-	45	27	45	23	46	19	45	28	42e	24
19	55	27	-	27	45	23	45	10	47	10	47	17	41e	18
20	52	40	-	-	43	36	43	31	45	32	43	34	42e	29
21	62	40	-	-	54	37	52	35	53	32	53	33	51e	30
22	58	38	-	-	50	37	50	28	53	28	53	34	49e	33
23	71	47	66	-	63	42	60	28	61	30	62	37	59	34
24	77	42	71	48	68	45	66	32	66	29	67	39	63	43
25	69	53	65	50	61	45	59	41	60	41	59	42	58	41
26	56	43	52	42	46	34	44	31	48	32	46	32	42	30
27	64	45	59	44	54	36	53	29	54	33	53	33	52	32
28	66	38	62	43	57	37	56	28	56	27	57	35	54	36
29	68	36	63	43	60	40	58	25	59	26	60	33	57	35
30	72	48	67	51	64	46	62	34	64	34	63	43	61	41
MONTH AVE.	66.5	42.9	61.8e	45.4e	57.4	39.3	56.8	31.7	57.9	31.4	57.5	35.0	54.8	36.3
	54.7		53.6e		48.4		44.2		44.6		46.2		45.6	

e = estimated because of missing records or instrumental malfunction (Viola Hill)

PRECIPITATION	Lewiston Airport	Wawa-wai	Wawa. Ridge	Univ. of Idaho	Pot-latch	Harvard Val. Flat	1 mi. S. of G.P.	Emida Ridge	Bovill 2 1/2 mi N	Moscow Mtn.
April 1 - 9	0	0	0	0	0	0	0	0	0	0
" 9 - 16	0.18	0.04	0.03e	0.04e	0.05e	0.10	0.10	-	0.10	0.20
" 16 - 23	0.13	0.45	0.36	0.30e	0.36	0.34	0.44	0.38	0.25	0.61
" 23 - 30	0	0.03e	0.03	0.06	0.13	0.05e	0.18	0.15	0.31	
Totals	0.31	0.49	0.42e	0.34e	0.47e	0.61	0.59e	-	0.58	1.12
(Nutterville Hill: Apr. 1 - 9 = 0; 9 - 16 = 0.12; 16 - 23 = 0.31 23 - 30 = 0.04)										

(Total = 0.47)

Date	2865' Hilltop near Subalpine Fir Meadow		2900' Genesee Hill		2660' Genesee Valley Flat		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	62	39	-	-	-	-	63	34	61	24	-	41	61	22
2	52	29	-	-	53	-	52	30	-	30	46	30	50	25
3	57	29	56	32	56	25	58	24	60	-	56	30	56	18
4	61	31	61	34	60	30	63	25	65	20	61	33	61	18
5	68	33	71	37	68	27	70	29	71	23	68	38	67	21
6	68	35	71	41	69	27	69	29	72	26	67	45	67	23
7	69	38	71	44	69	30	69	32	71	30	67	42	70	27
8	70	39	72	45	71	32	72	33	73	29	67	45	70	27
9	56	43	57	46	56	46	58	45	-	46	52	40	51	36
10	56	40	58	43	58	44	56	37	55e	-	54	37	55	23
11	55	38	57	42	55	41	55	34	56e	35	50	37	50	23
12	43	35	45	37	44	37	45	38/33	-	31	39	31	44	31
13	55	28	58	32	57	22	56	25	56	23	54	27	56	25
14	58	37	63	41	61	35	62	33	61	-	59	39	57	25
15	57	44	61	49	60	44	60	41	61	-	57	41	55	33
16	53	36	55	40	55	39	55	33	56	33	48	31	53	29
17	45	29	47	33	48	28	48	21	50	21	42	24	46	21
18	41	27	44	33	43	27	44	24	44	21	36	21	40	18
19	43	21	46	21	43	13	45	12	48	12	41	18	45	10
20	40	29	42	34	42	31	44	31	45	26	-	-	39	22
21	49	31	50	32	50	31	51	32	52	33	-	-	48	31
22	46	29	49	33	50	27	50	28	48	25	-	-	56	24
23	58	37	61	38	62	32	60	31	59	29	-	-	60	29
24	65	37	66	40	67	28	66	31	66	25	61	37	66	25
25	57	41	59	43	59	42	58	41	58	35	56	37	57	36
26	48/42	29	43	31	45	32	44	31	41	30	36	25	39	28
27	50	31	52	32	53	28	53	30	51	27	47	27	49	29
28	52	29	55	32	55	20	56	27	56	22	51	31	54	21
29	57	29	58	37	58	25	58	25	58	25	55	35	56	25
30	61	35	62	40	65	31	62	34	61	30	57	38	60	27
MONTH AVE.	54.7	33.6	56.8	37.2	56.5	31.5	56.7	30.5	57.0	27.8e	52.3e	33.7e	54.6	24.3
		44.2		47.0		44.0		43.6		42.4		43.0e		39.4

Subalpine Fir Meadow: Minimum temperature on 19th: 9°. Record for first two week missing because of instrumental disturbance. e = estimated

SNOW DEPTHS - Inches

	Emida Ridge	Bovill (2½ mi. N.)	
April 2	20	T	Patches of snow in Giant Pine Forest at end of month.
" 9	6	T	
" 16	T	T	
" 23	T	0	Bovill record maintained by Mr. Eldon Loe.
" 30	0	0	

APRIL 1966

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	85%	31%	60%	33%	65%	36%	90%	41%	54/75	34/41%	100%	33%	62%	38/44%
2	63	31	69	36	76	41	87	40	91	39	75	35	85	43
3	98	28	65	31	71	37	100	32	70	36	100	23	78	-
4	87	25	51	28	57	35	93	32	55	34	100	22	71	-
5	90	28	54	30	63	33	97	25	56	27	100	19	72	28
6	97%	32%	67%	37%	63%	39%	100%	33%	58%	36%	100%	25%	55%	38%
7	100	32	69	41	65	42	98	34	56	38	100	27	78	44
8	99	33	67	44	71	46	100	33	68	43	100	29	73	45
9	70	43	76	49	83	52	87	51	98	54	95	51	99	67
10	91	46	75	53	82	56	94	52	90	54	100	44	100	53
11	97%	38%	82%	47%	84%	50%	97%	48%	95%	50%	100%	39%	100%	44%
12	100	37	97	40	100	40	99	49	100	46	100	-	100	56
13	95	36	74	40	76	40	98	34	78	30	100	29	80	31
14	87	35	64	39	62	44	78	43	66/80	41	100	38	59	42
15	91	47	82	52	90	52	97	52	96	51	100	47	100	46
16	93%	21%	80%	-	84%	27%	100%	25%	95%	23%	100%	21%	100%	21%
17	67	37	-	-	69	47	87	41	69	47	100	36	90	37
18	72	27	-	-	57	35	89	30	56	31	87/96	27	74	31
19	52	25	-	-	47	32	93	27	46	28	96	25	55	26
20	49/100	44	-	-	56/100	34/30	50/100	37/45	44/100	34/44	89/100	44	45/100	35/43
21	100%	33%	-	-	100%	40%	100%	44%	100%	43%	100%	45%	100%	56%
22	97	53	-	-	80	61	99	56	91	66	100	64	100	81
23	84	30	-	33	79	35	99	36	95	36	100	33	100	42
24	96	32	64	34	66	35	98	37	69	38	100	32	80	35
25	73	25	66	25	66	27	86	31	92	31	95	29	92	40
26	73%	38/49%	74%	37/47%	85%	29/55%	97%	59%	100%	50/70%	99%	51/63	100%	63/86%
27	64	32	66	34	74	35	85	34	96	32	100	29	97	32
28	80	32	64	34	71	36	89	35	78	33	100	27	76	32
29	97	35	72	38	72	39	96	36	90	35	99	28	79	33/40
30	85	27	58	27	54	32	87	31	64	33	100	29	77	36
MONTH AVE.	86%	34%	69%	38%	74%	41%	94%	39%	80%	40%	98%	34%	84%	43%
	60%		54%		58%		66%		60%		66%		64%	

ADDITIONAL RECORDS

APRIL 1966

RELATIVE HUMIDITIES, Continued

TEMPERATURES

Date	2880* Bovill (2½ miles north)		2865* Hilltop near Subalpine Fir Meadow		2900* Genesee Hill		1413* Lewiston Airport (Weather Bureau)		1413* Lewiston Airport (Wea. Bur.)		760* Lewiston Downtown (Trib. Off.)	
	High	Low	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.
1	100%	39%	71%	49%	-	-	71%	27%	69	42	74	41
2	96	37	85	59	-	-	53	27	60	43	62	45
3	100	29	83	34	84	35	68	24	64	33	67	33
4	100	28	71	33	66	34	68	17	68	31	71	31
5	100	26	76	27	72	30	70	20	72	35	77	35
6	100%	33%	77%	36%	72%	39%	76%	22%	75	37	79	37
7	100	30	85	38	76	41	80	24	76	43	80	41
8	100	35	89	41	79	43	79	24	74	43	79	42
9	100	62	92	62	86	63	69	36	64	51	68	53
10	100	46	97	52	89	55	92	37	63	47	68	47
11	100%	53%	99%	46%	91%	54%	76%	40%	61	45	64	45
12	100	44	100	48	100	47	96	37	53	41	54	45
13	99	33	90	36	77	34	84	30	62	31	67	33
14	99	39	72	46	70	44	75	45	62	40	65	39
15	100	59	98	69e	93	58	87	51	66	50	69	49
16	100%	25%	100%	26%	98%	31%	68%	13%	63	44	65	48
17	99	40	81	44	71	48	61	37	56	38	59	38
18	91	30	54	31	65	33	50	18	52	28	54	31
19	99	26	48	29	55	32	67	15	51	20	55	23
20	95	52	51/100	35/45	100	35/42	95	26	49	36	53	39
21	100%	50%	100%	45%	100%	50%	95%	46%	57	36	60	37
22	99	62	98	58	99	58	92	48	59	35	59	37
23	100	34	94	37	89	36	92	30	68	38	73	39
24	99	33	86	37	80	41	87	28	72	37	75	38
25	97	40	79	35	76	34	54	33	66	37	69	38
26	99%	52/62	97%	36/61%	74/97%	34/58%	65%	35%	52	37	55	38
27	100	38	98	34	80	36	66	23	62	38	62	36
28	99	33	90	38	87	36	89	24	63	33	66	32
29	99	36	85	44	72	37	77	18	66	35	70	38
30	99	30	83	34	67	32	65	17	73	41	74	42
MONTH AVE.	99%	39%	86%	42%	81%	42%	76%	29%	63.3	38.2	66.4	39.0
		69%		64%		62%		52%		50.8		52.7

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

MAY 1966

by Prof. R. L. Day; Bruce Yilek, Assisting

Date	675' Wawawai Snake River Canyon (Lower Sta.)		775' Wawawai (Upper Station)		1500' Wawawai Canyon (3 mi. SE)		2500' Ridge above Wawawai		2436' Union S. Creek Flat		2540' Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	80	39	-	-	78	46	73	42	72	30	72	28	73	35
2	88	51	-	-	84	59	80	51	80	41	81	47	84	52
3	95	48	-	-	90	61	88	55	85	41	86	37	87	48
4	97	53	-	-	94	65	90	59	88	43	89	41	89	52
5	101	57	-	-	97	67	92	61	92	47	92	45	93	56
6	80/70	61/57	-	-	86/68	64/57	82/60	58/51	69/62	58/50	75/63	59/51	71/64	57/51
7	72	48	-	-	72	50	65	46	65	41	67	38	68	42
8	82	44	-	-	82	53	76	49	75	35	78	36	78	42
9	84	47	-	-	82	59	78	57	76	42	75	41	76	48
10	71/60	49	-	-	74/59	49	67/53	42	61/54	43	61/54	43	53	42
11	73	48	70	-	71	48	65	41	65	42	67	43	68	43
12	70	42	69	45	69	50	62	46	62	33	64	32	61	40
13	58	46	58	47	56	46	51	39	52	38	53	39	53	38
14	62	42	60	42	57	42	54	34	50	35	52	36	50	36
15	67	44	65	40	63	42	58	39	57	31	58	28	60	35
16	63	46	61	45	59	45	55	40	53	40	53	38	53	39
17	67	45	66	41	62	44	58	40	58	38	58	32	59	36
18	76	42	76	39	72	43	67	42	67	29	67	25	67	33
19	85	45	85	44	79	50	77	47	74	33	74	30	74	39
20	85	51	83	54	78	57	76	56	73	41	73	34	73	43
21	70	61	70	61	67	57	64	53	62	52	63	49	62	52/45
22	65	45	63	44	59	42	56	37	56	34	55	33	55	35
23	75	41	75	41	69	43	67	41	66	29	67	25	67	33
24	87	50	88	50	81	53	78	50	78	35	78	32	79	45
25	95	51	95	52	89	60	86	57	85	38	85	34	85	46
26	92	59	92	60	87	66	85	64	84	45	84	47	84	60
27	74	57	74	55	68	53	66	49	67	48	66	46	66	47
28	80	52	81	52	75	51	72	49	72	37	73	37	73	43
29	75	54	74	54	70	57	67	56	69	39	73	39	73	49
30	73	57/55	71	57/54	68	58/52	63	55/46	64	45	66	44	66	49
31	56	52	55	50	52	47	46	41	48	42	49	41	48	42
MONTH	76.6	49.1	75.8	48.7	72.8	52.1	68.6	47.7	68.1	39.3	68.9	37.8	69.1	43.4
AVE.	62.8		62.2		62.4		58.2		53.7		53.4		56.2	

PRECIPITATION	Lewiston Airport	Wawa- wai	Wawa. Ridge	Univ. of Idaho	Pot- latch	Harvard Val. Flat	1 mi. S. of G.P.	Emida Ridge	Bovill 2 1/2 mi. N	Moscow Mtn.
May 1 - 7	0.12	0.28	0.28	0.22	0.28	0.18	0.34	0.21	0.15	0.33
May 8 - 14	0.02	0.05	-	0.05	0.05	0.18	0.20	0.46	0.22	0.37
May 15 - 21	0.13	0.15	0.10	0.24	0.20	0.23	0.30	0.40	0.42	0.49
May 22 - 28	T	0.05	T	T	0.06	0.12	0.13	0.14	0.12	0
May 29 - 31	0.04	0.08e	0.08e	0.10	0.18e	0.08e	0.08	0.10e	0.16	0.20
Totals	0.31	0.61	-	0.61	0.67	0.79	1.05	1.31	1.07	1.39

(Nutterville Hill: May 1-7 = 0.22; 8-14 = 0.16; 15-21 = 0.24; 22-28 = 0; 29-31 = 0.1)

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Date	3150' Viola Hill		2660' Genesee Valley Flat		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2660' Meadow S. of Giant White Pines		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	70	43	71	26	72	28	71	27	-	-	69	40	71	24
2	81	54	81	45	82	39	81	34	-	-	79	45	81	29
3	87	59	86	36	86	38	85	34	-	-	85	52	85	30
4	88	63	88	37	88	40	88	36	-	-	84	55	88	32
5	90	66	91	46	93	40	91	39	-	-	91	54	92	35
6	84/61	56/49	70/60	58/49	68/61	49	62	42	-	-	69/54	54/45	60	39
7	64	44	67	35	67	40	67	39	-	-	63	39	67	35
8	76	51	77	35	79	34	78	31	77	33	75	46	78	30
9	74	56	76	41	76	38	75	36	75	37	75	55	75	34
10	66/48	39	55	44	61/52	43	53	40	47	41	62/45	38	63/59	40
11	65	41	65	42	68	39	67	35	65	34	62	36	65	33
12	60	46	60	30	62	32	59	27	57	28	56	40	58	26
13	49	36	52	40	52	38	51	37	49	38	50	33	48	33
14	48	33	47	34	50	37	48	35	47	35	42	32	54	33
15	53	34	56	33	56	32	55	32	53	31	52	29	53	30
16	51	36	53	38	53	39	52	38	51	38	50	33	48	37
17	57	36	57	31	58	31	58	28	57	28	54	33	57	28
18	65	43	66	23	66	26	65	24	65	25	62	36	66	21
19	73	48	73	27	72	30	72	27	71	28	71	46	70	26
20	73	52	74	39	74	34	73	32	72	32	72	44	72	29
21	55	50	63	50/45	60	45	58	36	56	39	52	46	68	31
22	53	32	55	35	55	35	54	34	54	32	50	28	52	32
23	64	39	65	24	64	25	65	22	63	24	64	33	63	20
24	76	50	77	32	76	34	78	28	76	28	76	47	75	26
25	83	60	83	33	84	33	86	30	84	30	84	53	83	27
26	82	65	83	45	83	42	85	36	83	37	85	59	86	33
27	63	45	65	47	67	47	70	48	66	46	64	43	71	45
28	70	50	71	43	72	35	73	34	74	35	69	48	75	32
29	69	53	71	41	73	37	73	36	73	36	70	48	74	36
30	62	51/44	65	41	65	42	65e	42e	65	42	64	52/43	69	36
31	45	38	47	42	50	42	50e	42e	50	42	49	39	52	40
MONTH AVE.	66.3	46.9	67.7	37.4	68.3	36.9	68.0	34.2	66.5e	34.5e	65.1	42.5	68.2	31.7
		56.6		52.6		52.6		51.1		50.5e		53.8		50.0

13th: ½ to 1 inch of snow on morning of 14th, Emida Ridge

Genesee Hill:	Date	Max.	Min.	Date	Max.	Min.	Month's
	1	71	41	6	75/57	57/49	Highest 90° (5th)
	2	80	49	7	64	42	
	3	84	52	8	75	47	Lowest 34°
	4	85	56	9	74	57	(17th)
	5	90	58				

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT 3.

MAY 1966

Date	675° Wawawai Snake River Canyon		2500° Ridge above Wawawai		2540° S. Palouse Flat (1 mi. S. of Moscow)		3150° Viola Hill		2590° Harvard Valley Flat		2660° Meadow S. of Giant White Pines		3700° Emida Ridge (N-S Ski Bowl)		
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	
1	97%	22%	58%	27%	96%	25%	64%	24%	99%	19%	-	-	64%	25%	
2	88	26	50	28	66	25	42	24	99	18	-	-	69	20	
3	100	22	50	26	96	22	43	21	100	17	-	-	58	21	
4	94	22	48	25	94	23	42	23	99	18	-	-	64	23	
5	81	26	46	27	88	23	43	23	98	17	-	-	61	20	
6	81/99	42/58	70/90	30/60	75/97	36/56	84/100	23/58	98%	55%	-	-	87/100	31/71	
7	97	33	86	38	99	37	97	42	99	35	-	-	100	40	
8	100	27	68	32	100	31	60	32	99	25	100%	23%	72	25	
9	100	23	58	32	98	36	57	36	98	32	100	31	52	35	
10	49	26/37	62/74	33/47	72/90	40/54	83/100	40/63	94	52	98	47/57	85/100	37/70	
11	92%	26%	98%	30%	98%	31%	100%	25%	100%	23%	100%	24%	100%	23%	
12	98	30	56	38	97	45	66	28/44	100	34	100	36	96	33	
13	54	36	63	42	77	47	86	46	76	43	82	44	89	44	
14	89	30	95	31	98	35	100	33	98	39	100	40	100	48	
15	87/99	39	70/97	43	99	44	79	44	96	41	100	42	92	47	
16	100%	29%	99%	35%	100%	41%	100%	35%	100%	35%	100%	32%	100%	31%	
17	70	25	61	32	98	34	74	31	98	30	100	29	75	31	
18	93	24	55	30	100	29	50	27	99	28	100	23	63	27	
19	95	23	51	27	100	32	52	28	99	29	100	27	56	30	
20	89	21	50	24	99	32	55	26	100	27	100	25	70	31	
21	65%	45%	91%	49%	72/82%	56%	67/	-	-	97%	52%	99%	50%	99%	66%
22	70	30	76	31	85	34	-	-	79	29	98	26	98	27	
23	87	26	68	26	99	30	-	-	100	25	100	22	81	27	
24	84	25	53	27	97	27	-	-	100	25	100	22	46	25	
25	97	22	50	28	100	25	-	-	100	19	100	19	47	21	
26	81%	30%	46%	33%	93%	34%	-	-	98%	27%	99%	26%	45%	28%	
27	67	36	74	38	92	46	-	-	86	39	97	37	98	40	
28	72	31	60	35	100	37	-	32	100	32	100	29	50	34	
29	88	40	46	38	98	37	45/53	26/34	99	31	100	27	52	31	
30	94	43	94	43/47	94	53	74/95	40/53	99	29	99	44	50/99	47	
31	100	51	84	61	97	65	91	71	-	-	98	51	99	62	
MONTH AVE.	87%	31%	68%	35%	95%	37%	--	--	97%	31%	99%	31%	77%	36%	
	59%		52%		66%		--		64%		65%		56%		

Wawawai Canyon record omitted because of difficulties with humidity setting.

ADDITIONAL RECORDS

MAY 1966

RELATIVE HUMIDITIES, Cont.

TEMPERATURES

Date	2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		1413' Lewiston Airport (Weather Bureau)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		1413' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)	
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	100%	20%	62%	23%	68%	17%	71	23	70	38e	78	39	81	39
2	100	19	58	24	61	13	83	29	82	47	87	47	90	45
3	100	19	63	25	64	15	87	30	85	48	91	51	93	52
4	100	20	62	27	64	14	89	32	89	51	93	51	97	49
5	100	18	59	26	57	13	94	35	92	54	96	55	100	56
6	97%	55%	97%	34/66	90%	49%	61	40	61	47	72	55	74	56
7	100	38	100	37	96	33	69	30	67	40	75	42	80	43
8	100	26	80	29	79	16	79	29	78	45	84	45	88	44
9	100	33	75	41	72	23	79	34	76	50	83	53	88	51
10	96	51	72	47/57	48	26	55	41	54	42	63	52	65	52
11	100%	26%	99%	28%	73%	19%	67	35	66	39	73	50	75	50
12	100	41	83	50	57	39	61	25	59	36	65	44	68	41
13	96	41	79	47	85	25	53	33	51	37	61	47	65	48
14	99	46	100	46	-	-	49	34	47	33	65	39	67	37
15	100	35	82	39	98	34	60	38	57	33	56	41	59	41
16	100%	30%	99%	34%	79%	25%	53	35	52	37	62	42	63	44
17	99	31	86	33	55	23	60	27	56	32	65	40	69	38
18	100	27	84	31	69	14	68	21	64	32	72	36	76	35
19	100	28	75	33	65	17	73	24	70	37	81	43	84	40
20	100	29	73	31	58	17	76	28	72	42	84	50	88	47
21	93%	50%	93%	55%	-	-	62	36	60	50/43	71	55	74	52
22	85	34	87	34	54	21	57	32	53	32	63	44	65	46
23	100	27	74	34	61	20	67	18	64	34	73	39	78	37
24	100	25	69	31	66	16	78	26	74	41	83	45	89	44
25	100	22	64	28	66	14	86	28	84	47	91	51	96	46
26	100%	27%	59%	36%	55%	19%	87	34	84	52	92	55	95	52
27	89	41	88	35	55	29	69	45	67	47	73	56	76	57
28	100	32	59	40	57	23	76	32	73	47	80	51	83	50
29	99	30	77	36	53	23	75	36	73	47	79	54	82	55
30	100	42	86	51	70	32	71	35	69	47	75	51	78	54
31	99	52	96	58	70	44	54	37	51	41	54	48	57	52
MONTH AVE.	98%	33%	79%	38%	67%	23%	70.0	31.4	67.7	41.8	75.5	47.5	78.8	46.9
	66%		58%		45%		50.7		54.8		61.5		62.8	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

JUNE 1966

by Prof. R. L. Day; Bruce Yilek, Assisting

675' Wawawai Snake River Canyon (Lower Sta.)
 775' Wawawai (Upper Station)
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	77	43	77	42	72	42	70	38	68	30	69	36	69	38
2	69	51	68	46	63	46	59	42	57	43	60	42	59	43
3	59	50	57	45	55	44	51	40	50	37	49	37	50	41
4	67	50	65	46	59	45	54	41	57	41	55	40	54	41
5	80	45	80	45	75	46	70	42	70	35	72	41	71	41
6	87	51	87	50	80	53	76	52	76	36	77	37	76	44
7	88	49	88	53	82	55	78	56	78	41	79	36	77	45
8	87	65	85	65	80	63	75	59	76	53	78	52	75	56
9	73	62	73	60	71/66	57	67/59	54	64	54	64	54	65	54
10	74	56	72	54	67	56	63	54	64	45	65	49	64	51/49
11	71	54	69	50	65	48	59	45	59	45	61	41	60	43
12	77	56	75	55	69	52	64	48	65	45	66	34	64	41
13	80	49	80	54	75	55	70	52	69	36	72	42	70	47
14	86	58	84	57	78	57	73	56	74	49	-	-	72	51
15	92	55	90	54	83	59	76	57	79	37	-	36	81	45
16	98	58	97	61	90	63	87	62	85	42	88	-	88	59
17	87	67	84	65	79	63	75	60	75	57	-	-	74	57
18	90	64	88	59	82	58	77	56	76	50	77	-	77	54
19	82	62	80	63	75	61	70	57	70	47	70	45	70	55
20	79	60	78	60	73	56	67	52	68	50	68	51	66	51
21	72	48	70	53	67	53	62	51	63	34	64	32	63	42
22	80	54	77	51	72	50	67	48	69	41	69	36	68	43
23	74	55	72	56	69	55	64	54	66	38	69	38	66	48
24	67	52	64	50	62	48	57	44	55	42	56	43	54	43
25	86	48	85	49	79	49	76	47	74	34	74	44	75	43
26	90	54	89	54	84	57	81	58	79	40	78	44	81	52
27	92	64	91	63	85	61	82	60	80	50	80	47	78	56
28	86	57	83	61	80	63	76	62	76	44	76	43	73	52
29	79	57	79	57	75	56	71	52	71	47	71	48	70	50
30	78	56	80	55	74	53	71	49	70	38	72	31	71	42
MONTH AVE.	80.2	55.0	78.9	54.4	73.8	54.1	69.3	51.6	69.4	42.7	70.2	42.5	69.3	47.5
	67.6		66.6		64.0		60.4		56.0		56.3		58.4	

Precipitation Inches	Lewis-ton	Wawa-Apt.	Wawa-wai	Wawa.Ridge	Univ.of Idaho	Pot-latch	Harvard Val.	1 mi.S. of Flat	1 mi.S. of G.P.	Enida Ridge	Bovill 2 1/2 mi.N	Moscow Mtn.
June 1 - 4	0.44	0.44e	0.49e	0.52	0.55e	0.92e	0.84	1.03e	0.70	0.83		
June 5 - 11	0	0.19	0.24	0.33	0.24	0.24	0.55	0.30	0.91	0.74		
June 12 - 18	0	0	0	T	0.03	0.03	0.08	0.07	0	0		
June 19 - 25	0.24	0.12	0	0.28	0.19	0.46	0.35	0.45	0.33	0.58		
June 26 - 30	0	0	0	0	0	0	0	0	0	0		
Totals	0.68	0.75	0.73	1.13	1.01	1.65	1.82	1.85	1.94	2.15		

(Nutterville Hill: June 1-4 = 0.66; 5-11 = 0.39; 12-18 = 0; 19-25 = 0.25; 26-30 = 0)

Date	3150' Viola Hill		2900' Genesee Hill		2660' Genesee Valley Flat		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2660' Meadow S. of Giant White Pines		3700' Emida Ridge (N-S Ski Bowl)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	66	34	67	34	68	33	69	34	-	-	70	38	65	35
2	55	39	57	42	57	43	58	41	-	-	57	39	49	39
3	52/42	35	45	40	46	39	46	35	-	-	44	34	47/39	35
4	49	35	51	40	54	40	51	39	49	-	49	37	42	32
5	67	43	68	38	69	37	70	35	69	30	69	30	62	33
6	73	57	75	46	75	39	77	34	75	33	77	33	72	44
7	75	57	74	52	75	37	78	37	78	34	76	35	73	52
8	73	56	75	56	74	50	76	49	74	45	76	44	73	54
9	68/58	52	66/57	53/52	66/60	55	62	51	59	48	59	48	64/56	51/48
10	61	50/48	63	48	63	48	66	50	65	46	64	44	59	45
11	55	40	60	42	58	43	59	44	58	44	54	43	48	38
12	61	42	64	42	64	39	64	34	65	32	64	31	59	36
13	66	51	68	47	70	38	65	37	64	33	65	33	61	42
14	72	52	71	51	72	48	74	45	73	42	74	44	69	49
15	78	61	78	47	78	38	80	37	82	33	82	34	76c	49
16	84	62	84	53	84	40	86	37	88	36	87	39	84	55
17	71	55	73	56	74	55	74	51	75	47	75	46	72c	53
18	75	52	75	53	75	51	76	42	76	40	76	41	72	48
19	68	53	68	54	69	44	70	46	70	41	69	42	62	48
20	67	50	66	48	66	50	68	51	66	48	67	45	-	-
21	62	51	61	46	62	33	63	32	61	30	63	31	-	-
22	66	46	67	42	66	39	68	35	68	35	67	35	-	-
23	65	53	66	47	66	40	68	39	66	35	64	36	62	45
24	51	40	54	42	55	44	54	43	51	43	51	41	46c	36
25	70	43	71	39	73	38	75	41	74	34	74	33	72	36
26	78	55	78	50	78	36	79	39	79	34	80	33	76	50
27	78	56	78	55	79	52	80	42	79	39	80	39	77	48
28	72	59	73	54	75	43	75	42	75	40	75	40	69	55
29	69	50	69	49	70	49	70	45	71	44	72	44	67	49
30	69	45	71	45	70	31	70	30	72	30	73	30	68	42
MONTH AVE.	66.5	49.1	67.6	47.0	68.2	42.4	69.0	40.6	68.5	38.0	68.4	38.1	63.7	44.2
		57.8		57.3		55.3		54.8		53.2		53.2		54.0

c = estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO -- PER CENT 3.

JUNE 1966

Date	675* Wawawai Snake River Canyon		2500* Ridge above Wawawai		2540* S. Palouse Flat (1 mi. S. of Moscow)		3150* Viola Hill		2590* Harvard Valley Flat		2660* Meadow S. of Giant White Pines		3700* Emida Ridge (N-S Ski Bowl)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	98%	29%	95%	35%	100%	33%	100%	28%	-	-	99%	28%	100%	32%
2	97	35	98	41	98	53	99	53	-	-	99	55	99	75
3	94	46	95	52	100	68	99	78	-	-	100	80	99	95
4	95	35	85	48	97	62	100	68	-	74	99	72	100	90
5	94	22	87	29	94	34	87	38	100	38	100	40	100	49
6	92%	21%	67%	27%	99%	31%	59%	28%	99%	28%	99%	29%	97%	28%
7	96	21	54	29	99	31	55	30	99	31	100	32	72	35
8	70	30	64	37	95	38	86	38	98	36	100	34	85	43
9	90	45	95	58	98	68	98	44/73	98	64	99	71	99	75
10	92	42	83	45	97	60	96	53	98	48	99	49	99	52
11	73%	33%	79%	37%	93%	51%	97%	46%	84%	51%	96%	50%	98%	66%
12	58	28	69	33	100	40	90	39	100	34	100	34	100	36
13	82	32	59	35	97	42	67	42/48	100	44	100	44	92	50
14	80	23	64	29	100	-	91	32	99	27	100	30	97	32
15	77	22	52	30	-	28	52	26	100	23	100	25	73	28
16	79%	22%	42%	27%	-	-	40%	25%	100%	24%	100%	25%	54%	30%
17	54	27	52	31	-	-	68	30/37	98	32	100	32	78	40
18	61	29	59	32	-	38	76	40	99	31	100	31	82	38
19	87	32	79	38	98	40	100	40	99	43	100	45	98	44
20	97	29	86	32	97	37	98	35	95	35	99	33	93	34
21	84%	34%	48%	36%	100%	43%	62%	34/46%	100%	44%	100%	41%	69/75%	27/42%
22	68	32	62	34	98	39	84	40	99	33	100	34	93	35
23	90	45	60	39/44	100	43	67/84	42/49	100	44	100	48	80/97	48/53
24	73	49	79	50	98	62	100	65	98	48	100	57	98	65
25	90	23	71	28	93	33	88	25	100	25	100	23	94	21
26	81%	23%	47%	28%	99%	32%	54%	26%	100%	24%	100%	24%	57%	25%
27	64	30	54	34	93	40	58	38	100	34	100	32	62	36
28	89	36	56	37/43	100	44	67	43/51	100	40	100	42	65	38/50
29	50	31	48	35	92	36	62	40	99	32	99	31	72	38
30	57	32/36	59	39	100	37	74	37/40	100	30	100	27	65	34
MONTH AVE.	80%	31%	68%	37%	97%	42%	80%	42%	99%	39%	100%	40%	86%	46%
	56%		52%		70%		61%		69%		70%		66%	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ADDITIONAL RECORDS

JUNE 1966

RELATIVE HUMIDITIES, Cont.

TEMPERATURES, Cont.

Date	2880* Bovill (2½ mi. north)		2900* Genesee Hill		1413* Lewiston Airport (Weather Bureau)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		1413* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)	
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	99%	32%	-	-	93%	28%	69	38	-	-	73	36	77	41
2	98	61	100	56	98	48	53	43	-	-	64	46	68	49
3	100	85	99	71	91	67	43	33	-	-	57	46	59	49
4	99	70	96	62	85	45	49	38	-	-	64	47	67	49
5	100	42	98	36	94	26	67	29	-	-	77	40	81	41
6	100%	31%	92%	31%	84%	20%	75	30	-	-	83	47	87	48
7	100	33	81	35	80	21	74	33	-	-	85	52	87	52
8	100	37	83	41	67	28	75	39	-	-	83	60	87	60
9	99	77	98	51/74	92	52	56	50/48	-	-	68	59	70	61
10	99	56	98	52	83	35	62	43	-	-	73	54	74	57
11	88/98%	53%	87%	44%	66%	25%	56	43	-	-	71	50	72	55
12	99	33	92	40	65	25	61	31	-	-	72	51	76	51
13	100	47	82	47	68	31	61	30	-	-	78	49	81	53
14	99	34	88	38	67	27	72	44	-	-	81	56	85	57
15	100	27	84	34	71	14	80	32	80	32	86	50	89	52
16	100%	26%	63%	34%	55%	17%	85	35	86	35	93	54	97	54
17	98	33	63	39	90	18	74	44	76	48	85	64	88	66
18	98	34	72	44	52	25	75	40	76	41	84	58	89	59
19	99	47	92	47/53	62	34	67	39	68	39	77	60	81	61
20	97	39	99	39	93	31	66	46	66	47	75	56	79	58
21	100%	47%	59%	46%	78%	31%	63	30	64	30	70	48	72	51
22	99	38	88	39	85	27	64	43	69	39	74	50	78	52
23	99	46	84	44	68	34	63	33	67	35	73	52	79	52
24	98	55	98	55	56	39	52	42	55	42	64	51	68	53
25	99	27	96	34	78	17	73	32	74	30	82	47	85	47
26	99%	27%	72%	31%	60%	16%	79	32	80	32	88	53	91	52
27	99	36	64	41	49	22	77	37	79	39	89	56	93	59
28	98	43	72	50	67	36	75	39	77	39	83	58	85	59
29	99	35	98	33	38	22	73	44	72	40	76	58	79	57
30	99	31	68	36	50	24	70	29	75	28	78	48	84	49
MONTH AVE.	99%	43%	86%	44%	72%	30%	67.0	37.3	--	--	76.9	51.9	80.3	53.5
	71%		65%		51%		52.2		--		64.4		66.9	

RELATIVE HUMIDITIES at Subalpine Fir Meadow:

Date	High	Low	Date	High	Low	Date	High	Low
15	100%	30%	21	98%	41%	26	100%	33%
16	99	30	22	99	40	27	98	40
17	97	38	23	100	44	28	99	45
18	98	38	24	97	56	29	98	38
19	99	49	25	100	31	30	100	36
20	98	41						

Record near Bovill maintained by Mr. Eldon Loe.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1966

by Prof. R. L. Day; Bruce Yilek and Steve Marshall, Assisting

675' Wawawai Snake River Canyon (Lower Sta.)
 775' Wawawai (Upper Station)
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	75	53	75	58	72	59	70	55	70	40	69	38	69	48
2	65	52	65	52	59	51	54	46	58	48	58	48	56	47
3	72	52	70	52	66	50	61	46	61	46	58	43	58	46
4	83	52	84	53	77	51	75 ^e	50	73	43	74	41	73	47
5	95	57	94	57	88	61	-	-	83	44	84	40	83	49
6	89	60	88	62	82	59	-	-	78	48	81	48	79	53
7	94	57	-	61	87	58	-	-	82	42	84	41	82	49
8	96	59	98	64	90	62	-	-	86	43	88	42	87	51
9	97	58	96	60	91	64	88	-	87	46	87	42	87	54
10	93	64	90	63	86	65	84	63	82	50	82	48	81	56
11	87	62	87	60	82	57	78	54	78	46	79	47	79	53
12	93	58	93	60	88	61	84	61	83	41	84	40	80	47
13	89	58	90	58	83	57	80	54	78	44	79	46	77	49
14	90	66	90	66	85	64	81	61	82	45	81	47	78	53
15	91	58	92	60	86	58	84	57	84	44	84	46	83	52
16	90	71	89	70	84	65	81	63	81	59	81	49	80	55
17	91	64	91	66	85	65	82	62	82	45	83	44	81	53
18	98	59	97	62	93	63	91	64	90	43	90	42	92	52
19	87	70	86	66	80	66	77	63	78	60	78	46	77	55
20	83	61	82	60	77	57	73	55	75	50	74	50	72	51
21	94	55	93	55	88	57	85	54	84	37	85	32	83	45
22	98	57	97	59	93	63	90	63	88	40	88	37	87	49
23	97	60	96	64	90	65	88	65	88	42	87	41	86	53
24	88	72	87	69	80	66	79	63	80	48	79	42	79	54
25	83	59	81	57	75	54	74	51	74	44	73	44	71	48
26	89	50	89	52	83	55	81	55	82	34	81	31	80	43
27	95	53	94	58	89	59	88	61	86	38	86	34	85	46
28	97	56	97	60	93	63	91	65	89	42	89	38	88	49
29	100	58	100	61	94	67	93	68	91	44	92	38	91	52
30	97	58	-	-	92	66	90	70	90	45	90	40	88	53
31	94	63	-	-	89	68	86	64	85	59	85	58	83	61
MONTH	90.0	59.1	89.5	60.4	84.1	60.5	81.3	58.7	80.9	45.2	81.1	42.7	79.8	50.7
AVE.	74.6		75.0		72.3		70.0		63.0		61.9		65.2	

PRECIPITATION	Lewis-	Wawa-	Wawa-	Univ. of	Pot-	Harvard	1 mi. S.	Emida	Bovill	Moscow	
Inches	ton Apt.	wai	Ridge	Idaho	latch	Val. Flat	of G.P.	Ridge	2 1/2 mi. N.	Mtn.	
July 1	- 2	0.11	0.50	0.43	0.25	0.14	T	T	T	0.10	0.09
July 3	- 9	0.08	0.28	0.30	0.08	0.17	0.09	0.13	0.28	0.06	0.09
July 10	- 16	0.09	T	T	0.20*	0.30	0.51	0.52	1.07	0	0.65
July 17	- 24	0	0	0	0	0	0	0	0	0	0.01
July 25	- 31	0	0	0	0	0	0	0	0	0	0
Totals		0.28	0.78	0.73	0.53	0.61	0.60	0.65	1.35	0.16	0.84

(Nutterville Hill: July 1-2 = 0.26; 3-9 = 0.07; 10-16 = 0.30; 17-24 = 0.05; 25-31 = 0
 *0.35 at 415 Residence Street, N. Moscow Total: 0.68)

(Instrument at Mines Bldg. shielded by trees on W and SW side, of significant effect during the high wind from this direction while the rain was falling)

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - JULY 1966

2.

page 2

Date	3150' Viola Hill		2900' Genesee Hill		2660' Genesee Valley Flat		2510' Potlatch Valley Flat		2590' Harvard Valley Flat		2700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	66	53	68	52	70	39	69	37	69	37	63	46	68	37
2	52	46/43	54	45	58	48	56	49	55	49	52	45	53	47
3	58	42	57	42	59	40	60	43	57	40	52	39	54	40
4	70	48	74	45	74	36	73	42	73	40	68	42	70	39
5	83	58	82	51	84	39	83	40	83	38	81	48	82	36
6	79	56	77	54	79	49	80	46	80	44	77	56	84	42
7	82	59	81	53	82	43	82	40	85	38	79	57	84	38
8	86	63	86	57	86	41	86	40	88	39	84	57	86	37
9	85	67	86	60	87	43	86	43	87	40	81	59	85e	39
10	80	59	80	57	78	49	81	47	80	45	75	55	78	43
11	77	51	77	52	79	51	78	48	79	46	74	46	79	41
12	81	62/54	80	56	82	41	84	39	85	39	76	51/47	84	37
13	76	54	75	49	78	42	78	48	79	45	74	47	80	42
14	77	56	79	56	80	46	81	45	83	43	76	55	81	43
15	82	53	83	51	84	45	85	46	85	43	82	54	89	43
16	78	56	80	57	81	58	81	49	82	45	76	54	81	47
17	79	56	80	57	83	45	82	43	81	43	79	55	82	40
18	89	67	89	56	92	42	90	41	90	39	86	-	91	37
19	77	58	76	56	78	54	78	48	78	43	-	-	80	40
20	73	49	73	51	74	53	74	48	74	44	-	47	73	37
21	82	58	82	48	84	33	84	32	82	31	-	-	83	29
22	86	64	88	53	88	35	87	35	86	33	84	-	86	31
23	85	63	86	58	86	39	86	41	87	37	-	63e	87	35
24	78	56	78	58	80	46	79	41	81	39	-	-	81	37
25	72	47	72	46	73	47	73	42	74	40	-	44	72	41
26	79	56	80	51	80	31	81	30	81	30	-	-	80	28
27	83	62	85	52	85	34	84	33	86	33	-	-	85	31
28	88	66	88	54	89	37	88	36	90	35	84	60e	88	33
29	91	68	91	57	92	38	92	37	91	35	88	-	91	33
30	89	68	88	59	89	42	90	40	91	38	85	65	90	36
31	83	60	84	61	84	61	85	56	84	53	81	58	85	48
MONTH AVE.	78.9	57.1	79.3	53.4	80.6	43.5	80.5	42.1	80.8	40.1	76.2e	50.4e	80.4	38.3
		68.0		66.4		62.0		61.3		60.4		63.3e		59.4

Record near Bovill maintained by Mr. Eldon Loe.

e = estimated

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

JULY 1966

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge (N-S Ski Bowl)		Bovill (2 1/2 mi. north)	
1	72%	42%	41/64%	34%	43/67%	37%	100%	41%	65/77%	43/50%	98%	38%	69/77%	48%	99%	41%
2	100	44	86	46	95	52	100	64	100	70	98e	64	98	74	98	79
3	94	33	85	35	88	45	100	69	98	60	98	60	99	84	100	70
4	93	28	74	27	76	32	99	42	92	40	98	36	99	46	99	43
5	91	17	51	18	53	18	100	28	68	23	98	23	98	22	99	30
6	80%	26%	60%	25%	-	-	98%	35%	75%	22/34%	97%	51%	66	22/37%	99%	31%
7	88	23	55	23	-	-	100	31	62	32	98	26	58	33	100	29
8	77	23	51	22	-	-	98	29	53	29	98	23	60	23	100	26
9	84	23	43	22	-	22	100	30	42	31	98	24	64	32	100	28
10	87	27	58	27	60	28	98	36	73	36	98	29	74	39	100	40
11	66%	32%	58%	29%	60%	30%	95%	36%	85%	37%	96%	27%	91%	35%	99%	32%
12	81	25	46	23	42	25	100	30	58	33	98	28	100	42	100	34
13	94	29	74	30	77	32	98	38	97	41	97	40	97	38	100	35
14	70	32	58	31	57	33	99	32	93	35	100	37	95	43	99	40
15	92	29	71	28	73	29	99	37	98	39	100	35	89	37	100	29
16	46%	25%	46%	28%	50%	27%	98%	28%	80%	26%	99%	32%	87%	36%	98%	32%
17	53	28	42	31	42	29	98	31	57	28	100	32	75	36	100	31
18	79	23	45	27	42	25	98	23	43	19	100	23	73	26	100	26
19	48	27/31	44	28/33	47	27/32	93	34	58	33	100	32	68	38	99	32
20	53	27	48	27	51	26	77	29	65	27	100	29	81	33	100	29
21	65%	20%	40%	22%	37%	20%	100%	22%	40%	20%	100%	21%	61%	26%	100%	25%
22	72	20	33	22¢	31	20@	98	22#	37	20	100	20	66	22	100	23
23	65	24	42	22/26	39	22/24	96	27	50	22/24	98	29*	54	25/28	100	25
24	65	30/37	52	28/38	53	26/36	97	38	76	27/40	99	39	67	29/40	100	34
25	62	31	60	33	62	30	94	34	85	32	95	35	93	32	96	32
26	71%	26%	44%	28%	40%	25%	99%	26%	42%	24%	100%	27%	62%	26%	100%	24%
27	76	23	43	25	38	22	98	25	38	24	99	29	58	27	100	24
28	76	23	38	23	33	22	97	22	36	19	99	25	59	24	100	24
29	77	24	33	26	31	23	97	24	32	19	99	25	41	27	100	22
30	69	25	36	28	33	25	96	28	35	22	98	28	48	31	100	24
31	48	26	48	29	46	26	78	34	58	25	90	34	78	35	97	29
MONTH AVE.	74%	27%	53%	28%	53%e	28%e	97%	33%	65%	32%	99%	33%	75%	36%	99%	33%
	50%		40%		40%e		65%		48%		66%		56%		66%	

*Harvard Valley Flat: changed instruments on 23rd; replacement appears to read about 7% higher at time of mid-afternoon minimum relative humidity than previous instrument.

@Ridge above Wawawai: psychrometer read 16% (4% lower than hygrothermograph) at time of mid-afternoon minimum. (22nd)

#S. Palouse Flat: psychrometer read 19% (3% lower than hygrothermograph) at time of mid-afternoon minimum. (22nd)

¢Wawawai Canyon: psychrometer read 17% (5% lower than hygrothermograph) at time of mid-afternoon minimum. (22nd)

ADDITIONAL RECORDS

JULY 1966

RELATIVE HUMIDITIES, Cont.

TEMPERATURES, Cont.

Date	2900' Genesee Hill		2865' Hilltop near Subalpine Fir Meadow		1413' Lewiston Airport (Weather Bureau)		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		1413' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)	
	High	Low	High	Low	High	Low	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	57/75%	40%	76%	44%	54%	24%	70	45	-	-	79	55	82	56
2	99	64	97	66	96	57	52	45	-	-	62	53	74	54
3	97	63	97	68	95	52	54	40	-	-	65	49	69	50
4	98	38	96	39	98	29	71	41	-	-	81	46	85	48
5	90	28	92	32	78	20	82	46	-	-	91	55	96	54
6	71%	37%	71%	38%	53%	25%	78	53	-	-	85	61	89	62
7	70	34	74	34	-	-	82	50	-	35	-	-	-	-
8	61	32	74	33	55	17	87	52	88	-	94	59	98	60
9	61	32	73	33	55	18	86	54	-	-	94	60	99	61
10	94	42	93	45	88	27	78	53	-	-	86	50	90	51
11	75%	36%	76%	36%	62%	23%	75	51	-	-	86	59	91	59
12	60	33	71	37	57	22	84	54	-	-	89	58	91	57
13	98	40	96	37	84	27	77	49	-	-	86	54	90	55
14	88	35	88	40	64	32	80	54	-	-	88	62	90	64
15	95	38	93	36	75	26	85	51	-	-	92	58	95	59
16	69%	35%	-	-	51%	23%	-	-	-	-	89	67	92	68
17	56	36	-	-	41	25	-	-	-	-	89	64	92	63
18	66	29	-	-	62	21	92	-	93	-	98	59	100	66
19	61	40	-	-	43	27	-	-	-	-	86	64	87	65
20	64	31	-	-	46	21	-	45	-	-	81	60	85	63
21	60%	26%	-	-	54%	14%	-	-	-	30	90	52	94	52
22	58	26	-	-	52	14	-	-	-	-	94	56	97	56
23	48	31	-	22%	50	18	88	-	89	-	94	59	97	58
24	70	45	66	37	43	32	82	55	83	38	87	62	88	61
25	84	40	86	34	59	26	75	48	75	45	81	54	85	56
26	59%	31%	81%	26%	56%	18%	81	44	84	29	87	51	91	52
27	57	28	74	26	53	15	85	48	86	31	93	54	96	55
28	55	27	68	24	52	13	90	51	90	33	94	58	98	57
29	47	27	58	25	50	15	93	54	93	34	98	60	102	59
30	50	27	58	34	49	18	91	59	92	37	97	62	97	61
31	56	28/32	68	35	48	20	86	61	86	43	91	70	94	71
MONTH AVE.	71%	36%	--	--	61%	24%	--	--	--	--	87.7	57.7	91.3	58.4
	54%		--		42%		--		--		72.7		74.8	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1966

by Prof. R. L. Day; Steve Marshall, Assisting

675' 1500' 2500' 2436' 2540' 2610' 3150'
 Wawawai Wawawai Ridge Union S. Palouse Moscow
 Snake River Canyon (3 mi. SE) above Wawawai Creek Flat (1 mi. University
 Canyon of Wawawai Flat S. of Moscow) of Idaho Hill

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	99	57	95	64	91	63	91	41	93	41	91	53	92	68
2	102	61	98	69	95	70	94	47	95	44	94	54	94	71
3	100	63	95	70	92	66	91	49	91	48	88	58	91	69
4	94	69	-	-	86	65	86	53	87	45	85	55	86	64
5	89	67	83	65	81	60	80	60	81	54	79	56	79	56
6	95	57	89	60	87	61	86	41	86	37	86	48	84	61
7	99	57	93	64	91	66	89	41	89	38	89	50	88	64
8	94	67	90	68	87	68	86	50	85	48	83	58	84	65
9	89	66	84	61	82	59	81	55	81	46	81	53	81	54
10	92	66	86	62	84	60	83	49	82	44	79	54	80	57
11	82	62	76	56	75	53	75	50	74	40	72	48	72	49
12	89	53	84	57	81	56	82	37	82	33	81	45	79	54
13	89	60	83	64	81	63	80	36	81	42	76	53	76	58
14	91	60	84	57	82	56	81	42	81	42	79	49	78	52
15	96	60	90	62	88	62	87	45	87	41	85	53	85	62
16	93	57	88	64	86	64	85	43	84	39	81	50	82	61
17	92	58	87	59	84	59	85	37	86	36	83	46	84	58
18	94	51	89	61	87	64	88	40	88	35	86	47	86	62
19	86	59	80	57	79	59	79	47	78	43	76	52	75	53
20	87	51	80	53	77	52	76	36	78	37	78	50	75	52
21	93	57	86	59	83	59	83	45	83	50	82	52	81	58
22	97	61	92	64	88	59	87	42	89	41	89	55	87	63
23	106	62	100	71	97	69	96	47	97	52	97	63	95	73
24	110	67	105	77	101	72	99	52	99	57	101	68	97	74
25	96/87	65	85	71	82	68	84	51	86	52	83	61	91/83	66
26	76	66	70	63	66	59	69	57	68	56	66	56	64	55
27	82	65	76	61	74	57	74	53	73	47	71	53	69	52
28	81	53	74	53	72	52	71	40	73	38	71	49	69	49
29	69	57	63e	53	59e	51	60	51	60	51	60	49	55	48
30	73	56	68	52	66	50	66	49	67	44	66	48	64	47
31	80	50	74	51	72	50	71	37	73	30	72	40	70	50
MONTH	90.5	60.0	85.0	61.9	82.5	60.4	82.1	45.9	82.5	43.6	81.0	52.5	80.2	58.9
AVE.	75.2		73.4		71.4		64.0		63.0		66.8		69.6	

PRECIPITATION	Lewis-	Wawa-	Wawa.	Univ. of	Pot-	Har-	1 mi. S.	Emida	Bald	Freeze-	Bovill
Inches	ton	wai	Ridge	Idaho	latch	vard	of G.P.	Ridge	Mtn.	out Mtn.	2 1/2 mi. N
Aug. 1 - 5	0	0	0	0	0	0	0	0	0	0	0
" 5 - 12	0.07	0	0	0.15	T	0.01	0	0	0	0	0
" 13 - 19	0	0	0	0	0	0	0	0	0.02	0.10	0.02
" 20 - 31	0.41	0.50	0.80	0.39	0.43	0.58	0.85	0.83	1.21	1.70	0.64
Totals	0.48	0.50	0.80	0.54	0.43	0.59	0.85	0.83	1.23	1.80	0.66

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		5330' Bald Mountain Lookout		2880' Bovill (2½ miles north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	92	39	92	38	89	60	80	55	92	35	94	36	94	54
2	95	42	95	40	91	64	84	64	95	38	96	40	97	59
3	92	43	91	42	87	66	80	63	89	39	90	41	91	57
4	88	42	87	39	81	60	76	56	87	35	89	38	88	56
5	80	52	80	46	75	52	69	44	79	43	82	47	80	57
6	85	37	86	34	77	54	71	50	83	32	87	33	86	50
7	89	37	89	35	83	56	76	52	87	33	90	34	88	53
8	85	47	87	44	79	61	75	55	86	42	88	43	86	53
9	82	48	82	44	77	51	71	44	81	39	85	41	83	54
10	82	42	81	40	75	53	70	48	80	37	83	40	81	53
11	75	41	75	39	68	44	64	40	73	38	76	41	74	48
12	81	32	81	30	77	49	69	48	80	28	82	28	81	44
13	78	40	78	36	74	55	64	48	75	35	77	35	77	53
14	80	42	80	39	77	50	67	42	78	40	80	38	80	48
15	86	44	86	36	83	56	76	52	85	34	87	35	86	52
16	84	38	84	35	79	58	72	51	84	33	84	34	84	54
17	85	33	86	32	79	58	74	52	85	29	89	30	86	50
18	87	34	88	33	82	56	75	55	87	30	91	32	88	52
19	78	34	77	33	68	54	63	49	77	31	77	36	76	49
20	78	36	78	36	72	45	65	37	76	31	80	31	77	49
21	83	35	83	30	81	49	73	45	81	27	85	28	83	52
22	90	34	89	30	85	57	76	55	88	27	90	28	89	54
23	97	35	97	35	90	61	83	58	96	31	98	33	96	61
24	102	44	101	39	96	63	88	67	100	34	102	37	99	64
25	86	47	90	44	84	70	79	68/64	91	42	91	43	88	70
26	70	59	67	58	64	57	68/60	53/44	71	56/52	71	59/54	68	62/54
27	70	48	64	48	61	48	52	42	66	50	68	45	65	49
28	71	43	72	43	66	44	60	38	71	43	74	37	72	45
29	59	49	59	49	55	47	46	40	57	51	58	52/47	56	50
30	66	42	66	42	61	41	53	35	63	40	69	38	65	46
31	72e	31	73	29	65	41	59	41	71	27	75	28	73	39
MONTH AVE.	82.2	41.0	82.1	38.6	76.8	54.2	70.0	49.5	81.1	36.3	83.5	37.1	81.8	52.3
		61.6		60.3		65.5		59.8		58.7		60.3		67.0

Record near Bovill maintained by Mr. Eldon Loe.

Records for Genesee Flat and Genesee Hill on page 4.

AUGUST 1966

Date	675'		2500'		2540'		3150'		2590'		3700'		5330'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge (N-S Ski Bowl)		Bald Mountain Lookout		Bovill (2½ mi. north)	
1	77%	24%	38%	25%	96%	27%	38%	21%	100%	25%	63%	25%	52%	34%	100%	23%
2	72	25	35	26	93	26	35	23	98	26	56	27	40	34	99	21
3	68	21	40	24	87	28	43	23	98	28	62	32	55	37/39	99	28
4	59	26/32	50	23/32	88	38	61	23/34	97	34	74	32/41	68	39/49	100	29
5	62	31	57	30	87	37	77	36	98	34	89	41	95	48	99	29
6	70%	26%	38%	27%	97%	31%	43%	31%	100%	30%	67%	39%	60%	44%	100%	27%
7	78	24	36	25	95	29	44	28	99	28	69	33	57	40	100	25
8	70	26	38	27	84	34	49	33	97	33	62	40	58	45	99	28
9	70	38	65	28/35	100	40	95	33/40	98	38	96	42	100	46	99	32
10	68	33	62	32	97	36	85	37	98	35	92	44	92	49	99	32
11	53%	23%	50%	26%	90%	28%	70%	28%	93%	26%	89%	30%	85%	37%	97%	24%
12	60	27	37	24	88	25	44	23	98	26	64	28	42	34	100	22
13	63/92	38	42/70	27/35	77/97	47	70/97	27/48	96	44	97	31/50	94	39/60	98	37
14	81	28	67	30	99	33	88	30	99	34	100	32	100	45	100	33
15	68	23	42	26	96	24	49	23	98	28	63	26	62	36	100	23
16	78%	26%	40%	28%	92%	27%	46%	27%	98%	30%	54%	31%	59%	41%	100%	25%
17	63	24	42	24	87	23	45	21	99	25	43	25	46	35	100	21
18	72	27	43	25	89	26	30	23	100	26	50	25	39	35	100	22
19	55	28	38	28	78	31	47	28	100	32	64	41	62/89	39/49	100	25
20	74	29	57	30	97	32	64	30	97	31	86	34	94	41	100	27
21	62%	24%	42%	35%	65%	27%	45%	22%	99%	25%	70%	23%	65%	32%	100%	22%
22	60	21	38	22	74	23	54	19	100	25	52	25	42	32	100	21
23	64	20	32	20	56	22	27	18	96	24	50	24	41	30	100	19
24	62	18	31	19	55	22	28	16	96	22	45	21	35	27	100	18
25	59	24/36	41	20/30	56	35/37	46	18/32	92	33	50	23/33	47	30/36	95	25
26	60/63%	49%	58/63%	48%	78/98%	61%	75/92%	62%	71/97%	60%	95/100%	67%	93%	74%	98%	40/50
27	72/92	48	75/88	47	100	68	96	55	98	70	100	87	100	91	99	59
28	92	39	85	33	98	37	99	33	96	39	98	37	99	49	98	40
29	98	-	93	-	98	64	96	70	93	78e	95	-	100	89	98	58
30	78	28	60	30	96	38	85	29	99	41	97	37	99	53	97	41
31	88	22	57	24	100	30	46	22	100	34	90	28	63	43	98	30
MONTH AVE.	71%	30%	51%	30%	88%	34%	60%	31%	98%	34%	74%	37%	70%	44%	99%	30%
	50%		40%		61%		46%		66%		56%		57%		64%	

Note: 4% was added to all readings at Bald Mountain Lookout because of apparent drift of entire record by this amount from correct setting. It is suspected that minimum relative humidities may not be quite low enough for some of the stations. The instrument on Viola Hill is probably the most adequate of any in its response. Minimum relative humidities at Harvard, South Palouse, and possibly Bald Mountain may several per cent too high on this record. Nighttime maximum relative humidities probably should be several per cent higher (perhaps 7% higher) on the record for the ridge above Wawawai. Minimum relative humidities at this station are probably not far off.

ADDITIONAL RECORDS

AUGUST 1966

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660' Genesee Flat		2900' Genesee Hill		1413' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)		2865' Hilltop near Subalpine Fir Meadow		2900' Genesee Hill		1413' Lewiston Airport (Weather Bureau)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	93	42	92	50	100	59	103	59	71%	24%	51%	29%	54%	16%
2	96	45	94	63	101	62	102	61	54	25	47	27	50	15
3	92	48	91	65	98	64	101	62	59	28	40	27	45	14
4	87	47	86	62	93	64	94	62	60	30/36	57	28/37	44	24
5	80	59	79	58	88	67	90	69	78	30	68	35	50	23
6	86	37	85	52	91	55	92	55	70%	29%	57%	31%	52%	17%
7	90	40	88	59	94	58	97	57	69	27	52	29	51	17
8	86	50	84	58	92	63	95	63	69	33	51	34	47	18
9	82	47	81	56	88	60	91	61	93	35	85	41	62	29
10	82	47	80	58	91	59	92	59	87	33	79	38	60	23
11	73	50	72	50	81	59	82	59	72%	25%	68%	31%	50%	16%
12	81	32	80	50	87	52	89	51	72	22	51	28	47	13
13	78	41	79	57	86	59	89	57	49/100	25/44	43/94	29/41	42	27
14	82	40	81	51	87	55	90	54	100	25	99	33	92	21
15	88	40	86	56	94	58	98	55	71	19	70	27	68	16
16	85	38	83	56	93	58	96	58	55%	21%	51%	29%	56%	14%
17	84	36	83	57	91	55	94	54	52	18	47	27	51	14
18	87	38	86	58	94	55	97	54	49	20	43	28	46	14
19	77	46	75	52	85	62	87	57	60	31	55	32	36	13
20	76	34	74	47	82	49	85	48	75	28	73	35	67	18
21	83	50	82	51	89	54	93	52	60%	20%	60%	29%	53%	13%
22	87	39	86	53	94	54	99	55	47	18	50	24	48	11
23	95	49	94	59	99	58	103	58	38	16	43	24	39	11
24	102	50	99	64	106	62	109	61	39	16	41	22	39	8
25	83	52	83	67	90	68	93	67	36	21/27	44	24/35	28	19
26	65	56	65	56/54	75	66	76	68	81%	30/57%	70/91%	35/60%	70%	47%
27	71	47	67	48	79	55	83	58	100	59	100	53	91	42
28	70	40	69	47	76	54	80	56	100	31	100	40	99	40
29	55	50	55	48	64	55	68	58	100	69	98	45/70	93	73
30	65	41	64	45	73	51	77	53	100	35	98	40	91	31
31	72	30	71	42	77	45	80	43	91	27	91	32	87	25
MONTH AVE.	81.7	43.9	80.5	54.6	88.3	57.9	91.5	57.7	71%	30%	66%	34%	58%	22%
		62.8		67.6		73.1		74.6		50%		50%		40%

Instrument on hilltop near subalpine fir meadow believed to be more responsive to low humidities than that on Genesee Hill.

COMPARISON BETWEEN BALD AND FREEZEOUT MOUNTAIN RECORDS

5.

JULY 14 - AUGUST 13, 1966

Date	TEMPERATURE				RELATIVE HUMIDITY			
	5330'		5950'		5330'		5950'	
	Bald Mtn. Lookout	Freezeout Mountain	Bald Mtn. Lookout	Freezeout Mountain	High	Low	High	Low
July 14	-	-	69	55	-	-	78%	50%
" 15	-	-	78	53	-	-	90	26
" 16	-	-	70	50	-	-	86%	44%
" 17	70	-	69	51	-	49%	61/64	44
" 18	81	54	77	52	60%	39	65	32
" 19	68	47	69	50	79	46/52	58/62	45
" 20	62	37	62	43	88	47	72	45
" 21	71	47	71	45	51%	39%	53%	32%
" 22	75	54	73	53	49	36	47	32
" 23	75	55	75	57	54	39/41	39/45	33
" 24	69	50	71	54	76	33/57	63/80	42/48
" 25	61	35	61	38	100	44	92	44
" 26	68	47	67	44	52%	38%	60%	35%
" 27	72	50	72	49	54	38	57	34
" 28	77	54	74	53	50	33	53	33
" 29	80	59	77	56	41	34	40	33
" 30	77	62	77	59	42	34/38	42	31
" 31	73	49	73	53	80	41/45	69	37
Aug. 1	80	55	79	55	52%	34%	52%	30%
" 2	84	64	82	63	40	34	37	28
" 3	80	63	74	61	55	37/39	54	37
" 4	76	56	76	57	68	39/49	52/62	40
" 5	69	44	67	46	95	48	90	42
" 6	71	50	70	50	60%	44%	64%	38%
" 7	76	52	73	52	57	40	55	39
" 8	75	55	74	58	58	45	59	39
" 9	71	44	70	51	100	46	74	47
" 10	70	48	67	48	92	49	90	47
" 11	64	40	61	38	85%	37%	98%	30%
" 12	69	48	67	44	42	34	35	30
" 13	-	53	-	48	-	-	-	-
AVERAGES (from July 17 to August 13)	72.7	49.0	71.4	49.2	65%	42%	62%	37%
		60.8		60.3		54%		50%

Freezeout Mountain clockwork out of order during the remainder of August; hence no further record comparisons possible.

Maximum temperatures during August -

Bald Mtn. 88° on the 24th; Freezeout Mtn. 86° on the 24th

Minimum temperatures during August -

Bald Mtn. 35° on the 30th; Freezeout Mtn. 34°, probably on the 30th.

page 2

Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		5330* Bald Mountain Lookout		5950* Freezeout Mountain		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	75	33	75	30	70	47	63	45	-	-	79	30	76	42
2	77	38	77	33	73	50	65	46	63	45	81	33	76	46
3	84	43	85	36	78	55	72	51	68	48	86	35	82	50
4	89	41	90	36	85	56	77	55	74	55	91	35	88	53
5	93	43	92	36	88	60	80	61	78	59	94	35	92	58
6	85	53	85	47	82	63	72	57	74	58	88	49	85	60
7	84	38	85	34	81	55	74	53	69	53	86	36	84	51
8	82	48	82	44	78	57	70	51	67	50	86	49	82	60
9	88	37	87	35	85	53	77	55	73	53	90	36	87	53
10	79	35	80	32	76	52	68	50	68	53	83	32	80	55
11	67	45	70	40	62	49	56	41/38	58/55	45/39	74	42	68	51
12	59	44	60	40	53	43	47	35	46	36	63	40	60	46
13	79	40	79	42	73	42	65	40	66	40	80	34	78	41
14	74	46	71	44	67	46	62	42	58	42	73	39	68	46
15	70	52	68	47	67	45	56	48	53	39	69	51/49	66	49
16	77	51	75	42	74	49	64	43	59	41	80	41	75	51
17	86	45	85	40	82	54	76	49	67	48	87	38	85	54
18	70	45	72	41	63	48	59	43	60	46/44	73	39	71	52
19	75	45	73	46	67	49	59	43	52	40	75	50	74	51
20	81	38	81	34	77	50	70	47	68	45	83	33	81	46
21	91	44	90	39	85	56	79	57	76	57	92	39	90	55
22	96	48	95	41	92	59	85	64	77	61	97	40	95	62
23	76	53	77	47	72	51	65	48	66	49	79	49	76	58
24	77	40	75	35	69	49	66	49	67	46/44	79	35	77	48
25	68	48	63	42	59	45	50	40	44	40	67	47	66	49
26	66	44	66	36	56	47	49	41	48	40	63	35	61	46
27	70	36	70	32	64	46	57	41	51	39	-	-	68	53
28	76	39	77	30	73	46	65	43	60	40	79	30	76	44
29	74	37	75	34	65	53	59	43	59	43	75	33	73	51
30	76	32	75	35	68	44	61	41	60	39	77	24	74	47
MONTH	78.1	41.3	77.8	38.3	72.8	50.6	65.6	47.0	62.9	46.1	80.0	38.0	77.1	50.6
AVE.	59.7		58.0		61.7		56.3		54.5		59.0		63.8	

Records for Genesee Flat and Genesee Hill on page 4.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT

SEPTEMBER 1966

Date	675'		2540'		3150'		2590'		3700'		5330'		5950'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	86%	24%	98%	30%	48%	23%	100%	32%	71%	31%	58%	40%	-	-	100%	29%
2	84	29	96	36	49	30	100	38	68	40	71	48	74%	58%	99	34
3	80	24	99	30	48	25	100	32	76	35	65	41	80	46	99	30
4	90	16	97	22	45	17	99	25	72	26	55	31	62	32	100	24
5	79	18	92	23	37	15	100	22	55	22	43	28	48	29	100	21
6	63%	22%	62%	32%	42%	18/22%	90%	31%	54%	25/32%	51%	31/39%	52%	39%	95%	28%
7	65	24	89	31	42	23	100	26	52	31	46	34	48	40	100	24
8	63	27	-	32	42	24	98	29	60	33	57	38	55	40/42	94	29
9	77	25	-	31	37	22	100	24	60	27	44	33	54	32	100	21
10	67	33	96	40	62	33	100	33	75	40	68	43	66	33/42	100	29
11	67/93%	50%	86%	57%	92%	40/51%	100%	50%	94%	45/58%	97%	58%	89/100%	74%	98%	45%
12	85	54	98	60	100	62	98	70	100	83	99	84	100	93	100	53
13	93/85	42	100	48	98	48	100	48	100	43	99	55	99	49	99	40
14	96	30	98	33	99	33	98	39	100	38	98	43	98	46	99	38
15	90	35	96	41	98	37	97	50	98	49	99	61	100	69	100	50
16	79%	34%	80%	40%	80%	35%	99%	42%	94%	40%	90%	50%	100%	52%	100%	39%
17	86	27	84	32	63	26	99	31	75	28	73	35	75	37	100	28
18	67	50	95	55	92	33/53	100	54	97	40/56	98	45/63	87/100	67	100	48
19	71	33	86	41	78	34	98	42	98	46	96	57	100	80	99	44
20	83	34	94	42	72	35	100	41	83	42	89	47	99	48	100	38
21	91%	32%	95%	33%	68%	28%	100%	34%	82%	35%	67%	39%	59%	35%	100%	31%
22	92	26	80	28	57	22	100	25	80	26	50	32	45	31	100	24
23	65	33	95	42	84	25/37	98	37	97	38	97	42	96	36/41	100	33
24	84	38	96	41	52	37	100	37	75e	43	61	43	66/100	41	100	31
25	72	37	100	40	95	46	100	63	100	51	100	73	100	90	99	62
26	86%	50/58%	95%	62%	94%	54/67%	100%	60%	92%	73%	99%	82%	99%	84%	99%	55%
27	93	39	99	43	98	48	100	48	98	47	98	58	100	73	99	44
28	86	34	97	38	72	42	100	38	90	38	84	48	90	50	100	35
29	88	20	94	27	92	23	100	22	77	23	89	33	96	32	100	22
30	72	24	74	29	49	28	100	25	63	30	62	38	50	30	100	24
MONTH AVE.	81%	32%	91%	38%	70%	34%	99%	38%	81%	40%	77%	47%	80%	51%	99%	35%
	56%		64%		52%		68%		60%		62%		66%		66%	

ADDITIONAL RECORDS

SEPTEMBER 1966

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2880 [†] Bovill (2½ mi. north)		2690 [†] Genesee Flat		2900 [†] Genesee Hill		1416 [†] Lewiston Airport (Weather Bureau)		760 [†] Lewiston Downtown (Tribune Office)		1413 [†] Lewiston Airport (Weather Bureau)		2865 [†] Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low
1	75	28	76	32	75	45	81	48	84	50	80%	21%	90%	27%
2	77	30	77	35	76	50	84	51	88	53	70	28	80	35
3	83	33	83	38	81	53	88	56	92	55	73	24	89	31
4	88	33	89	38	87	56	94	57	97	55	67	17	84	24
5	92	34	93	40	91	60	97	58	100	57	62	14	63	22
6	85	45	83	57	82	64	91	65	94	65	51%	18%	54%	31%
7	83	33	82	38	80	57	88	55	92	56	56	19	69	29
8	82	45	81	50	79	58	88	62	92	64	49	20	55	32
9	87	33	87	40	84	55	92	56	95	55	62	18	67	26
10	81	30	77	36	75	54	84	53	88	54	57	23	69	36
11	70	42	66	46	64	54/50	75	66	78	62	56%	35%	89%	53%
12	57	37	59	47	57	45	67	53	71	54	89	47	100	55
13	79	43	74	36	71	43	78	45	81	48	100	41	100	34
14	70	40	72	50	69	49	77	54	80	50	97	36	100	28
15	67	39	69	47	67	47	76	55	79	58	83	38	97	41
16	74	40	75	50	73	51	79	56	84	57	74%	35%	90%	33%
17	84	37	86	46	84	54	88	57	92	57	75	27	78	24
18	70	38	70	49	69	52	77	61	81	61	64	41	93	46
19	71	50	73	52	71	49	78	60	80	61	64	28	98	34
20	80	33	81	36	78	47	84	49	87	50	71	34	94	35
21	89	37	90	45	88	56	94	59	97	58	79%	28%	92%	27%
22	94	38	93	51	91	61	99	62	104	59	74	21	74	22
23	77	41	74	53	73	55	83	66	87	66	60	25	90	29
24	77	33	74	35	72	52	76	53	80	53	61	35	88	33
25	61	44	67	44	63	48	74	56	77	57	83	38	100	56
26	63	39	64	39	61	47	70	53	74	54	90%	48%	100%	62%
27	68	35	70	-	67	45	75	50	80	51	87	36	100	37
28	75	29	76	35	73	47	81	50	85	49	82	27	96	31
29	73	31	72	-	70	53	80	50	82	53	71	17	85	18
30	73	23	73	32	71	46	79	44	82	43	53	27	48	23
MONTH AVE.	76.8	36.4	76.9	42.2	74.7	51.6	82.6	55.3	86.1	55.5	71%	29%	84%	34%
		56.6		59.6		63.2		69.0		70.8		50%		59%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

OCTOBER 1966

by Prof. R. L. Day; George Whitlock, Assisting

Date	675*		1500*		2500*		2436*		2540*		2610*		3150*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	81	53	76	53	73	51	73	39	70	32	69	47	68	48
2	66/60	53/48	56	50	53	45	53	45/37	52	42/33	52	44/42	49	40
3	68	43	65	44	61	40	62	30	60	24	61	34	57	38
4	76	47	70	48	66	44	68	34	67	33	67	41	65	43
5	84	51	80	55	78	50	78	40	76	39	75	48	73	50
6	84	51	80	56	76	54	76	38	76	33	76	49	76	55
7	76	60	71	56	68	54	66	53	65	40	65	51	63	50
8	70	62/61	65	58/57	62	52	63	53/44	60	34	60	52/47	57	49
9	68	40	63	41	61	40	61	24	62	16	60	30	58	36
10	74	45	70	45	67	41	69	29	70	26	68	39	66	40
11	55	43	52	46	59/51	40	50	34	47	26	48	37	55/46	41
12	61	47	55	44	52	40	51	40/38	52	35	49	38/36	48	36/34
13	58	43	50	39	48	35	49	35/28	46	34/29	46	35/34	42	32
14	59	38	53	36	50	33	50	25	49	21	48	31	44	31
15	62	44	56	41	53	38	56	31	53	36	53	36	48	35
16	61	38	58	39	53	34	56	21	52	13	53	30	45	31
17	60	49	55	46	51	42	52	40	48	33	50	38	44	34
18	67	37	60	40	57	36	59	23	56	13	57	29	53	32
19	74	42	70	45	66	45	68	36	65	36	64	41	62	44
20	65/61	51/47	63/55	47/44	58/53	42/39	57/51	42/39	52/45	38/34	55/48	41/38	54/43	37/34
21	53	42	49	39	45	34	44	34	40	28	42	32	38	28
22	51	42	56	39	50	36	48	33	36	29	40	32	39	29
23	69	46	66	45	59	40	59	40	51	33	51	38	48	38
24	73	50	69	51	64	44	67	45	64	40	64	44	60	45
25	76	50	72	55	66	47	70	41	67	45	66	46	65	49
26	70	53	65	53	60	46	62	42	60	40	61	48/47	59	51
27	57	48/45	54	48	48	41	51	43	48	29	52	38	49	40
28	59	39	55	40	48	35	50	29	48	24	51	34	46	34
29	60	43	61	41	56	37	61	34	56	32	56	42	55	42
30	61	50	62	53	56	49	61	50/44	56	41	57	48/47	56	46
31	66	41	62	45	58	45	60	35	58	26	56	36	56	44
MONTH AVE.	66.2	46.1	62.3	46.3	58.4	42.2	59.5	35.6	56.6	30.7	56.9	39.2	54.1	40.1
	56.2		54.3		50.3		47.6		43.6		48.0		47.1	

PRECIPITATION	Lewis-	Wawa-	Ridge	Univ.	Pot-	Har-	1 mi.	S.	Unida	Bald	Freeze-	Bovill
	ton	wai	above	Idaho	latch	vand	of	G.P.	Ridge	Mtn.	out	Mtn. 2 1/2 mi N.
Oct. 1 - 8	0.26	0.14	0.20	0.19	0.35	0.37	0.31	0.61	0.53	1.08	0.48	
" 9 - 15	0.25	0.03	0.04	0.17	0.07	0.10	0.09	0.19	0.30	0.85	0.28	
" 16 - 22	0.54	0.57	0.57	0.73	0.90	1.01	1.09	1.44	1.65	2.75e*	1.43	
" 23 - 31	0.12	0.21	0.20e	0.04								
Totals	0.97	0.95	1.01e	1.13	1.32	1.48	1.49	2.24	2.48	4.68e*	2.19	

*Freeze-out Mountain gauge removed on 27th; estimated 0.30 precip. Oct. 20

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Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Ouida Ridge (N-S Ski Bowl)		5330' Bald Mountain Lookout		5950' Freezeout Mountain		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	70	35	68	29	64	46	53	47/38	53	45/40	71	26	69	45
2	54	46	50	43/31	47	40	38	31	35	32/28	54	46/30	51	44/39
3	60	28	61	22	56	35	46	31	42	29	60	21	57	30
4	70	34	69	24	68	37	59	35	52	34	70	23	68	38
5	78	40	76	28	74	48	68	43	58	43	78	25	76e	44
6	78	39	78	27	74	49	68	50	60	46	79	26	77	-
7	66	40	63	33	61	46	47	39	47/42	38	67	34	65	50
8	62	51/39	63	41/37	56	45	48	37	45	36/32	63	45/26	60	51/45
9	62	18	62	17	58	31	50	29	45	28	61	14	61	29
10	70	27	71	21	68	36	59	36	54	35	72	18	70	36
11	50	30	49	26	45	39	36	33	44/34	32/31	45	24	45	39
12	52	39/37	52	38/37	44	34/33	35	24	29	24	54	36	51	36/34
13	46	36/28	48	36/26	42	32	31	25	30	24	46	32/27	44	31
14	51	24	52	18	47	28	38	24	29	22	51	18	48	28
15	54	30	56	26	47	30	39	27	36	26	57	25	55	32
16	55	19	54	14	52	30	41	27	Clock		54e	16	50	28
17	51	40	50	32	43	33	33	25	Stopped		53	32e	49	36
18	58	20	58	14	54	28	42	25	-	-	59	15	55	28
19	67	34	66	23	63e	38	52	35	-	-	66	19	63	36
20	55/48	41	52/46	35	50/39	34/32	43/31	27	-	-	52/44	34	53/42	42/36
21	44	34	41	31	34	26	25	20	22e	18	45	31	42	30
22	40	33	34	32	37	29	35	24	-	-	35	32	34	30
23	52	40	48	34	43	36	41	32	-	-	48	32	46	34
24	67	43	66	26	62	38	53	36	-	-	68	26	65	40
25	70	42	69	27	68	47	61	42	55	-	71	25	68	44
26	64	42	60	28	60	50/44	53	47/37	-	-	66	29	63	43
27	53	34	49	29	48	37	41	32	-	-	52	31	50	39
28	54	28	54	18	47	28	51	34	-	-	54	22	51	31
29	59	34	56	20	52	39	48	39	-	-	58	22	55	35
30	60	48/41	60	42/38	56	42	50	38	-	-	62	43	59	47
31	60	30	61	24	55	36	48	37	-	-	61	26	58	35
MONTH	58.9	33.9	57.7	26.7	53.6	36.7	45.8	32.9	--	--	58.8	26.2	56.4	36.7
AVE.	46.4		42.2		45.2		39.4		--	--	42.5		46.6	

During the first 15 days of the month, mean maximum on Bald Mountain was 47.7 compared with 42.5 on Freezeout; mean minimum was 33.6 on Bald compared with 32.0 on Freezeout; overall mean was 40.6 on Bald compared with 37.2 on Freezeout.

One-half inch of snow fell at Moscow on the morning of the 22nd.

There was 6 inches of snow on the ground on the 15th at Freezeout and 12 inches on Goat Mountain. An estimated two feet of snow fell on Freezeout during the period from the 20th to 22nd. By the 27th only patches remained in the open but up to 6 inches in the shade, and farther east, beyond Crater Mountain, about a foot remained on north slopes at the end of the month. No snow was present on Bald Mountain during the last few days of the month, although an estimated foot fell on 20th-22nd.

OCTOBER 1966

Date	675' Wawawai Snake River Canyon		2500' *Ridge above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		5330' Bald Mountain Lookout		2880' Bovill (2½ mi. north)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	71%	16%	56%	28%	80%	33%	50%	32%	100%	30%	54%	24%	100%	40%	99%	29%
2	84	59	94	69	96	53	99	50	98	58	96	53	100	81	98	50
3	97	30	95	36	97	38	91	40	100	45	87	43	75/88	54	100	46
4	89	30	82	41	94	34	74	31	100	38	94	31	88	50	100	45
5	83	28	75	30	83	31	66	28	100	34	64	28	74	42	100	31
6	96%	25%	68%	30%	95%	31%	55%	28%	100%	32%	64%	28%	58%	41%	100%	29%
7	83	32/41	91	48	95	48	96	50	100	57	95	36/52	100	83	100	48
8	61	22	81	20	75	26	84	18	97	24	85	19	100	28	98	25
9	68	26	57	30	91	28	60	27	100	30	75	30	62	39	100	26
10	63	27	64	26	71	24	47	20	100	24	61	22	47	31	100	23
11	78	40/62	50/93	29/50	76/94	60%	40/98	24/40	99%	91%	100%	26/87	99%	34/96	100%	85%
12	86	42	93	43	96	46	98	40	99	45	100	45	100	65	99	51
13	92	47	99	46	100	60	100	62	98	64	100	62	100	95	99	62
14	98	40	95	43	98	43	92	45	100	47	100	62	98	65	99	44
15	83	34	80	41	82	40	77	35	100	38	95	40	86	56	99	35
16	84%	32%	84%	36%	100%	40%	74%	40%	99%	42%	79%	44%	80%	57%	99%	46%
17	66	34	84	40	92	44	92	34	89	42	93	42	100	58	97	44
18	76	31	72	35	98	37	66	30	100	33	79	29	90	48	100	32
19	71	24	40	22	54	28	35	21	96	27	46	27	50	36	100	27
20	55/90	27/47	68/93	21/51	65/97	37/66	55/100	22/60	88/96	46/78	99	28/95	36/100	100	97	40/60
21	72%	47%	90%	53%	95%	62%	97%	60%	96%	64%	98%	71%	100%	100%	99%	64%
22	97	87	100	93	99	98	100	98	100	100	100	100	100	100	100	96
23	96	54	94	66	100	82	98	88	100	95	100	100	100	100	100	99
24	90	49	88	-	92	53	99	56	99	55	100	56	100	67	100	56
25	91	59	-	-	78	43	65	40	99	40	75	38	81	50	100	41
26	90/96%	44%	-	-	97%	52%	54/97	51%	99%	52%	63/75%	56%	65/100	62%	100%	44%
27	86/97	68	-	-	100	65	97	64	99	65	99	64	100	85	99	69
28	100	56	-	-	100	72	99	58/87	100	60	99	67	94	60	99	53
29	92	46	-	48	99	47	92	47	100	50	97	55	88	50/54	99	49
30	94	50	92	62	99	62	98	51	97	47	100	42	100	42	99	45
31	98	38	82	37	100	41	74	39	100	39	92	38	67	48	99	42
MONTH AVE.	85%	41%	83%	44%	92%	48%	83%	46%	99%	50%	87%	50%	89%	62%	99%	48%
	63%		64%		70%		64%		74%		68%		76%		74%	

*Weathermeasure Corp. hygromograph in use on ridge above Wawawai instead of Kahl Scientific Instrument Co. instrument, the make in use at all other stations. The Weathermeasure Corp. instrument shows a quicker humidity response and drops lower at very low humidities (below about 25%).

Low relative humidities are thought to average 4% or 5% too high at S. Palouse Flat, Harvard, and on Bald Mountain. Hair elements on these instruments seem somewhat less responsive. Same is true of Genessee Hill instrument (next page). Wawawai Canyon instrument

ADDITIONAL RECORDS

OCTOBER 1966

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2880* Bovill (2½ mi. north)		2690* Genesee Flat		2900* Genesee Hill		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1413* Lewiston Airport (Weather Bureau)		2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low
1	68	27	71	34	69	46	72	45	72	45	69%	33%	57%	24%
2	53	45/30	50	45/39	48	43	56	50	60	52	91	64	100	69
3	56	22	60	27	58	35	65	38	69	38	99	45	100	38
4	69*	24	68	35	64	39	72	42	77	40	91	38	89	39
5	75	26	76	40	73	45	80	48	85	44	85	31	85	29
6	76	26	77	30	74	47	79	48	83	44	79%	36%	77%	32%
7	64	32	65	45	63	50	73	55	77	53	83	41	93	38/50
8	60	43/35	61	51/42	59	49	69	53	71	52	79	17	52	24
9	59	14	61	18	60	33	66	34	70	35	58	23	57	30
10	68	18	70	25	67	34	69	36	72	35	70	24	66	23
11	44	23	50	27	48	40	48	41	48	39	98%	59%	55/99%	46%
12	47	37	49	39/26	46	36/33	59	44	62	44	100	38	100	46
13	46	32	44	34/30	54	31	53	40	55	39	97	49	100	61
14	47	20	48	25	44	30	54	30	56	32	100	48	100	50
15	56	24	53	34	50	33	59	38	62	39	88	38	87	38
16	50	16	54	20	50	30	56	33	58	32	92%	47%	88%	40%
17	46	34	49	41/36	46	39/36	58	47	60	48	65	29	78	44
18	55	16	57	20	54	30	64	32	65	32	83	26	68	38
19	64	18	65	32	63	38	73	40	75	36	62	13	51	27
20	50/46	32	55/46	40/38	54/44	40/36	59	47	64	47	69	40	58/96	28/55
21	40	30	43	33	41	30	51	37	54	42	79	50	94%	57%
22	33	30	37	32	38	31	50	37	48	40	97	77	100	63/97
23	43	32	54	33	52	35	62	40	60	40	94	65	97	84
24	62	29	64	39	61	40	71	45	71	43	88	49	96	54
25	66	27	67	44	65	42	71	47	74	46	84	45	92	43
26	61	29	62	40	61	46	65	47	68	45	92	56	79/99%	48%
27	50	33	52	36	49	39	58	42	58	42	98	70	92	64
28	55	22	50	30	47	37	71	45	71	43	88	49	100	80
29	54	23	57	34	55	37	57	40	60	37	98	63	98	47
30	59	36	60	49/46	58	47	66	48	70	48	93	57	97	57
31	55	25	60	33	57	42	63	41	65	42	99	44	85	42
MONTH AVE.	55.7	26.5	57.4	33.0	55.0	38.2	63.5	42.3	65.8	41.7	86%	44%	87%	48%
		41.1		45.2		46.6		52.9		53.8		65%		68%

Record near Bovill maintained by Mr. Eldon Loe.

ADDITIONAL RECORDS

OCTOBER 1966

RELATIVE HUMIDITIES

Date	1500 [†] Wawawai Canyon		2865 [†] Hilltop near Subalpine Fir Meadow		2635 [†] Subalpine Fir Meadow		5950 [†] Freezeout Mountain	
	High	Low	High	Low	High	Low	High	Low
1	49%	26%	57%	28%	97%	33%	100%	39%
2	95	72	99	48	98	53	100	66
3	90	44	96	44	100	45	93	53
4	73	42	92	30	100	31	88	51
5	66	34	84	26	100	27	70	46
6	68%	35%	79%	28%	100%	27%	57%	43%
7	91	41/50	98	40/44	98	43	100	87
8	72	28	76	19	71	24	100	31
9	60	36	76	25	100	26	60	38
10	55	33	58	20	100	21	45	29
11	57/82	55/57	58/100	29/55	100%	65/79%	31/100	100
12	90	50	100	34	100	40	99	99
13	100	55	99	58	100	60	99	89
14	89	47	99	36	100	41	98	76
15	82	45	89	35	100	36	91	55
16	71%	39%	94%	46%	98%	-	-	-
17	76	44	93	40	-	41	-	-
18	66	39	88	30	100	30	-	-
19	54	30	53	23	99	24	-	29
20	73/93	28/58	63/100	29/73	98	34/74	-	-
21	83%	58%	100%	49%	98%	56%	-	-
22	100	72	100	71/97	100	86	-	-
23	97	60	98	89	100	97	-	-
24	79	52	96	46	100	50	-	-
25	68	44	85	35	100	37	-	-
26	97%	54%	93%	42%	100%	41%	-	-
27	86	74	99	58	100	60	-	-
28	96	73	100	65	100	65	-	-
29	91	53	99	39	100	44	-	-
30	93	64	97	46	98	50	-	-
31	91	51	98	37	100	39	-	-
MONTH	81%	49%	90%	43%	98%	46%	--	--
AVE.	65%		66%		72%		--	--

During the first 15 days of the month, the average high relative humidity on Freezeout Mtn. was the same as on Bald Mtn., 87%, while the average low was 61% compared with 58% for the respective mountaintops.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

NOVEMBER 1966

by Prof. R. L. Day; George Whitlock, Assisting

Date	675*		1500*		2500*		2436*		2540*		2610*		3150*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	63	42	59	43	52	37	60	33	55	27	55	38	55	40
2	62	41	57	44	54	43	56	34	54	29	54	37	53	41
3	57	39	54	39	51	36	54	28	53	19	52	31	51	39
4	52	36	49	35	47	34	50	24	51	17	50	29	48	32
5	57	43	54	42	48	38	48	33	44	31	47	39	44	39
6	51	42	50	40	43	37	46	35	43	27	44	34	39	34
7	49	40	46	39	40	35	42	35/32	37	27	41	35	37	32
8	45	31	38	28	34	24	37	25	31	14	34	23	30	21
9	48	31	48	33	41	27	44	27	33	18	38	28	34	25
10	54/49	37	52/44	36	45/39	30	46/42	32/23	39/37	26/19	44/30	32/28	40/37	28
11	40	30	39	32	32	27	37	23	28	16	35	27	33	28
12	55	36	50	38	44	32	46	35/33	41	26	44	33	39	31
13	57	39	54	41	47	35	50	32	43	29	46	34	45	34
14	59	47	60	51/46	51	39	54	42	49	41/38	50	43	49	44/40
15	48	45	48	45	43/39	38/37	45	40	40	36	44	44/41	44/40	37
16	55	45/42	50	45/43	45	36	46	39/33	42	34/29	45	40/36	43/40	35
17	50	38	49	40	42	36	47	30	43	26	46	35	44	34
18	54	37	51	40	44	34	51	31	47	32	48	37	46	34
19	60	42	61	42	55	37	55	34	56	36	54	40	55	40
20	60	47	55	45	50	40	52	42	55	41	52	43	51	40
21	55	47/45	50	45/44	47/44	41/36	48	40/36	48	38/36	44	39/36	51/44	36
22	48	40	43	37	36	32	41	32/31	42	33	40	35	39	35
23	50	36	46	36	39	31	44	30	46	31	42	33	41	34
24	54	37	47	38	41	32	44	30	45	32/31	42	35/33	41	35
25	60	36	56	40	50	35	50	30	47	32	47	34	45	34
26	49	41/39	45	35	40	33	38	29	40	26	38	28	35e	29
27	54	38	49	38	44	33	43	30	40	32	40	31	40	29
28	51/48	45/44	50/47	45/44	45/43	39/37	42	39	44	39	42	37	42/41	36
29	52	43	49	43	43	37	47	39	47	39	45	38	43	36
30	56	47	53	46	48	40	49	42	49	42	48	41	47	40
MONTH AVE.	53.3	39.6	50.0	39.7	44.2	34.7	46.9	32.3	44.3	29.3	44.9	34.6	42.9	34.3
		46.8		44.8		39.4		39.6		36.8		39.8		38.6

Nov.	1 - 4	PRECIPITATION		Ridge above Wawai.	Univ. Idaho	Pot-latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Moscow Mtn.
		Lewis-ton Apt.	Wawa- wai									
		0	0	0	0	0	0	0	0	0	0	0
"	5 - 12	0.18	0.48	0.53	0.78	0.59	0.89	1.08	1.25	0.86	0.83	0.92
"	12 - 19	1.32	1.19	1.08+	1.38	1.24	1.56	1.82	2.05	1.84	2.51	2.69
"	19 - 26	0.13	0.51	0.62	0.61	0.74	0.86	1.31	1.28	0.65	1.54	1.64
"	26 - 30	0.23	0.18	0.23e	0.35	0.30e	0.31e	0.33	0.34c	0.50	0.53	0.55
	Totals	1.76	2.36	2.46+	3.12	2.87	3.62	4.54	4.92	3.85	5.41	5.80

Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2865* Hilltop near Subalpine Fir Meadow		2660* Genesee Flat		2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	62	30	60	20	58	34	58	20	58	34	58	32	56	35
2	57	32	57	27/24	54e	39	56	26	57	37	57	32	55	40
3	55	24	55	18	5	32	51	18	52	30	55	23	53	33
4	52	21	52	16	-	28	51	16	50	28	52	22	50	29
5	47	34	45	26	37	33	41	25	42	34	47	33	46	36
6	42	31	43	30	36	30	42	30	43	31	45	31	45	34
7	40	35/32	38	30/29	31	30/28	37	31/29	40	31	40	32	38	34
8	34	22	31	15	29/26	20	31	16	32	23	35	25	33	24
9	36	24	35	19	30	19	30	22	32	24	37	23	35	25
10	44/42	34/26	43	32/19	34/33	28/25	41	29/18	40	31/27	44/40	34/27	43/38	32/29
11	39	21	37	12	35	17	37	10	35	23	34	24	33	24
12	47	34	44	30	40	29	44	32/27	44	31	48	32	47	32
13	50	33	47	23	45	27	46	38	46	32	46	34	45	34
14	56	48/43	53	45/40	46	40/35	54	39	52	44/40	54	44/39	53	42/40
15	44	39	40	32	39/35	35/33	42	33	40	38	44	36	42	38
16	45	40/33	42	36/27	38	33/31	42	36/30	42	37	46	40/35	46	38
17	48	32	46	21	38	28	41	24	48	31	46	34	44	33
18	55	32	53	20	50	34	41	22	51	32	48	33	46	34
19	60	34	62	35	55	37	54	24	57	36	53	36	52	36
20	53	43	56	40/36	48	39	52	39/34	52	41	52	42	50	42
21	47	38/34	48	35/32	39	31/30	42	35/31	43	35/33	46	40/36	45	40/35
22	42	31	44	28	37	30/29	40	29/28	41	31	42	32	40	32
23	43	32	44	30	34	28	38	26	42	30	44	30	41	30
24	45	36/31	44	33/28	36	30/29	42	31/28	43	32	45	33/30	43	32
25	48	31	43	27	37	29	37	27	41	32	43	35	42	34
26	40e	31	37	28	31	25	36	28/27	38	28	38	30	38	30
27	41	32	41	26	37	24	35	21	39	28	39	29	37	28
28	44	38	40	29	39	25	35	28	40	34	40	34	40	35
29	47	38	48	35	39	32	42	33	43	36	46	37	43	35
30	48	42	47	36	43	36	46	33	46	38	49	39	46	37
MONTH AVE.	47.0	32.0	45.8	26.0	40.1	29.4	42.8	26.1	44.3	32.1	45.6	31.9	44.2	33.8
		39.5		35.9		34.8		34.4		38.2		38.8		38.8

Bald Mountain Lookout (elev. 5330*):

	Max.	Min.		Max.	Min.
Nov. 1	55	37	Nov. 6	30	27
" 2	48	36	" 7	28/26	23
" 3	41	33	" 8	23	14
" 4	42	32	" 9	28	14
" 5	37	31	" 10	30/24	-
Clock out of order after Nov. 10th.			" 19	44	-

Snow Depths:

	Emida Ridge	Bald Mtn. Lookout
Nov. 5	T	2½
" 12	2	4
" 19	0	-
" 26	0.1	-

Clock also out of order much of the month at Subalpine Fir Meadow station. Partial record on page 4.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - NOVEMBER 1966

page 3

Date	675* Wawawai Snake River Canyon		1500* Wawawai Canyon		2500* Ridge above Wawawai		2540* S. Palouse Flat (1 mi. S. of Moscow		3150* Viola Hill		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	93%	43%	78%	55%	98%	57%	98%	48%	78%	45%	100%	43%	100%	42%	100%	40%
2	98	44	87	59	85	57	99	49	79	51	100	47	85	47	100	51
3	100	51	96	66	98	59	100	45	79	46	100	44	85	42	100	54
4	100	54	100	63	97	61	100	50	96	51	100	56	92	61	100	50
5	81	50	82	64	92/100	62	89	75	70/98	66	100	87	100	89	100	95
6	96%	62%	100%	72%	99%	73/76%	100%	73%	100%	83%	100%	88%	100%	91%	100%	80%
7	92	51	93	66	91	67	100	65	93	68	100	79	99	86	100	78
8	81	38	85	52	98	51	99	56	92	54	100	76	94	70/78	99	74
9	100	50/83	97	57/75	100	61/77	97	71/88	96	63/93	100e	94	100	86/98	97	95
10	85	39	92	57	98	53	98	50	100	38	98	43	100	36	100	40
11	90/95%	65/70%	95%	65/75%	100%	72/84%	100%	75%	78/100%	51/70%	100%	64%	100%	64/67%	99%	69%
12	97	50	100	64	98	68	100	70	100	78	100	74	100	83	100	64
13	92	65	89	75	95	76	97	78/83	97	67/78	100	81	98	97	100	93
14	89	55	98	55	98	59	100	64	99	63	89	60	98	75	98	63
15	100	83/93	100	78/86	97	78/86	100	86/93	100	72/98	100	99	100	99	100	95
16	93%	48%	98%	60%	94%	68%	99%	73%	99%	78/85	100%	83%	100%	99%	100%	82%
17	94	65	78	66/72	92	78	99	68	84	58	100	63	99	63	99	97
18	96	58	80	70	94	77	90	68	85	64	100	58	78/80	57	100	96
19	87	52	81	47	88e	49	85	62	81	43	100	41	88	40	100	45
20	100	61	98	64	100	71	98	70	99	58	99	72	98	77	100	55/66
21	92%	54/60%	85%	57/64%	93%	59%	98%	70%	96%	71%	100%	70%	100%	87%	100%	78%
22	97	64	97	73	98	76	100	81	97	80/85	100	76	100	61	100	69
23	100	61	87	70	90	66	99	61	95	72	100	67	100	85	100	72
24	100	51	81	61	86	67	100	63	93	72	99	65	98	72	100	60
25	100	49	90	55	99	66	99	68/82	100	77/80	100	68/95	100	81	100	95
26	72/84%	53%	82%	58%	93%	65%	98%	74%	99%	78%	100%	76%	99%	84%	99%	68%
27	73	46	67	52	79	61	87	71	77	56	98	62	98	63	98	92
28	80/96	53/68	70/92	52/65	78/99	59/75	98	59/82	87/97	50/74	98/100	92/96	70/100	59/62	100	-
29	98	73	92	75	97	81	96	86	99	85	100	85	100	98	100	97
30	93	68	85	74	95	81	93/99	83	97	82	100	94	100	96/99	100	97
MONTH AVE.	93%	58%	90%	65%	92%	68%	97%	69%	94%	68%	99%	71%	97%	74%	100%	75%
	76%		78%		80%		83%		81%		85%		86%		88%	

Bald Mountain Lookout:

	High	Low
Nov. 1	74%	51%
" 2	88	50
" 3	71	57
" 4	80/94	68
" 5	100	71/100

Record at Bovill maintained by Mr. Eldon Loe,

"Low" relative humidities are believed to run too high at Wawawai Canyon, S. Palouse Flat, and Harvard Valley Flat, with the greatest error probably at the latter place (about 5%).

ADDITIONAL RECORDS

NOVEMBER 1966

TEMPERATURES, Cont.

Date	2635* Subalpine Fir Meadow		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low	High	Low
1	60	19	59	38	64	35	91%	50%	100%	39%	95%	37%	92%	47%
2	59	27	62	39	65	39	96	46	100	45	92	44	83	49
3	54	19	54	34	58	32	100	59	100	43	98	55	98	48
4	52	17	51	32	53	32	100	57	100	48	100	47	100	53
5	45	26	47	38	49	38	94	84	100	81	100	74	87	69
6	47	27	52	35	53	40	100	66	100%	69%	100%	66%	98%	70%
7	43	30	50	35	51	35	100	35	100	65	98	63	94	60
8	-	-	43	29	46	32	72	43	100	-	93	63	97	58
9	-	-	37	28	42	29	100	92	-	-	100	63/91	99	58/92
10	-	-	47	41	53	36	78	48	-	42	96	37	92	50
11	-	12	36	27	44	24	89%	81%	-	-	100%	60%	100%	68/82%
12	-	-	54	37	58	33	94	54	-	-	100	58	100	58
13	-	-	48	38	52	39	94	85	-	-	98	60/80	97	75/92
14	52	-	57	43	60	39	93	64	-	-	93	55	96	56
15	-	-	50	40	52	39	100	90	-	-	93	80	100	95
16	-	-	55	42	57	42	100%	52%	-	-	99%	-	100%	65%
17	49	22	49	35	52	33	97	70	100	59	98	51	96	75
18	51	21	48	33	50	30	97	77	100	60	95	54	94	72
19	57	22	57	34	58	35	94	66	100	49	88	42	92	55
20	54	39/34	57	40	62	43	99	65	100	65	100	61	97	75
21	46	44/40	55	43	57	43	88%	53%	100%	71%	100%	75%	89%	66%
22	43	27	48	34	52	34	99	64	100	67	100	67	98	76
23	45	28	46	35	50	34	95	68	100	61	99	59	96	66
24	45	31/26	51	35	50	37	93	55	100	59	95	59	88	58
25	42	26	49	39	52	39	95	63	100	91	100	62/87/84/100	66/75	
26	-	30	48	33	51	34	89%	50%	-	-	95%	63%	92%	65%
27	-	23	48	34	49	35	78	55	-	63	94	60	86	69
28	-	-	45	40	45	41	94	71	-	-	91/99	65/83	79/98	77
29	-	-	50	40	54	42	98	75	100	-	100	88	100	92
30	48	-	53	44	53	45	95	80	100	-	100	97	99	84
MONTH	--	--	50.2	36.5	53.1	36.2	94%	64%	100%	--	97%	64%	95%	69%
AVE.	--	--	43.4		44.6		69%		--		80%		82%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

DECEMBER 1966

by Prof. R. L. Day; George Whitlock, Assisting

675' Wawawai Snake River Canyon
 1500' Wawawai Canyon (3 mi. SE)
 2500' Ridge above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 3150' Viola Hill

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	53/49	47/45	53/49	44	47/45	35	46/45	42/34	46/45	44/37	46/45	43/38	47/44	42/38
2	47	41	48	40	43	35	43	33	44	36	45	36	42	35
3	50	42	48	42	45	37	46	38/35	46	38	46	38	43	35
4	54	42/39	52	44/35	46	39/31	45	35/33	44	36/35	44	36/35	42	35/32
5	51	34	47	34	41	30	43	32	40	33	40	33	37	30
6	50	36	46	39	42	34/33	43	29	-	-	43	33	40	33
7	46	40/38	42	38/35	36	32/29	36	30	-	-	36	31	37/33	29/28
8	42	36/32	37	33/32	33	27	33	28/23	-	-	30	26/25	29	24
9	41	28	38	29	33	25	32	19	-	16	31	23	30	22
10	45	36	45	33	37	31	37	31	35	-	35	30	35	27
11	53	42	51	41	44	35	43	35	41	32	42	33	41	33
12	54	43	51	42	44	37	46	37	45	35	42	37	42	35
13	53	47	50	45	43	38	44	40	44	41	43	40	41	38
14	53	47/37	50/48	43/40	44/42	36	43	37/29	43	35/30	43/42	36/33	41	34
15	50	36	47	38	42	32	40	28	43	32	40	33	41	32
16	54	41	50	45	46	39	44	36/34	46	40/37	45	38	42	37
17	50	37	47	40	43	34	45	32	45	35	41	35	42	38
18	53	41	50	43	45	39	46	37	47	36	45	37	46	38
19	54	44	53	46	49	41	48	40	49	41	46	41	45	39
20	48	42	47/44	44/40	46/39	39/35	42	37	42	38/34	41	38/35	43/40	38/33
21	47	37/33	40	34	40	31	39	31/27	39	29	35	28	36	27
22	46	32	40	33	35	27	37	28	36	27	34	27	36	28
23	44	32	41	34	37	30	38	28	34	28	35	29	39	30
24	46	36	43	36	38	32	37	31	36	32	36	30	35	29
25	43	34	38	32	37	29	37	27	38	27	36	29	36	27
26	40/38	37	34/33	32	31/29	30/28	31/29	29	31	30	31	29	28	27/26
27	40	36/34	-	31	30	27	32	28/27	32	29	31	28	26	24
28	37	34	-	-	30	29	31	29	32	29	31	29	28	25
29	50	34	-	-	40	29	39	30	39	30	38	29	35	28
30	47	30	47	-	38	29	36	25	36e	27	31	26	35	28
31	45	38	46	41	43	37	41	34	39	33e	39	32	36	31
MONTH AVE.	47.7	37.3	44.7	37.2	39.8	32.5	40.0	31.1	39.8	31.8	38.8	32.3	37.5	31.0
		42.5		41.0		36.2		35.6		35.8		35.6		34.2

PRECIPITATION Inches	Lewis-ton	Wawa-apt.	Ridge above Wawai	Univ. Idaho	Nut'tv. Hill	Har-1 yard	1 mi. S. of G.P.	Enida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Moscow Mtn.
Dec. 1 - 3	0.64	0.69	0.85	0.72	0.81	0.88	0.90	0.90	0.75	0.98	0.98
" 3 - 10	0.15	0.46	0.35	0.22	0.34	0.52	0.68	0.79+	0.33	0.98	0.98
" 10 - 17	0.62	1.16	1.35	1.22	2.00	1.48+	2.10	1.88+	0.92	0.56	2.52
" 17 - 24	0.24	0.38	0.40e	0.40	0.77	0.78	0.68	1.03	0.88	0.80	1.29
" 24 - 31	0.05	0.16	0.41	0.25	0.56	0.56	0.62	1.05e	-	1.58	1.55

page 2

Date	2510 ⁺ Potlatch Valley Flat		2590 ⁺ Harvard Valley Flat		3700 ⁺ Emida Ridge (N-S Ski Bowl)		2880 ⁺ Bovill (2½ mi., north)		2635 ⁺ Subalpine Fir Meadow		2865 ⁺ Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	47/45	44/36	43	38/32	39	36/32	42	34/32	-	-	42	40/36
2	46	34	47	27	40	32	39	26	-	-	44	32
3	47	38	46	36/29	35	30	42	35/31	47	35	45	34
4	46	34	46	27	36	29	43	31	44	27	43	32
5	40	33	35	30	29	26	34	32	35	30	37/34	30
6	44	32	45	30	33	26	37	30	47	29/28	43	30
7	35	31	33	28	26	23	32	28	36	27	33	27
8	30	28/23	32	26/25	21	19/18	30	25/17	33	23/17	29	29/24
9	32	22	31	12	23	16	30	6	32	7	29	18
10	35	30	35	26	-	22	34	22	35	27	32	27
11	44	34	44	29	-	-	34	29	38	25	40	31
12	43	37	42	32	-	-	36	31	40	31	38	33
13	44	41	43	34	36	34	40	32	41	33	40	33e
14	43	37/30	46	36/26	33e	30/28	39	33/25	44	35/27	43	33
15	43	30	44	20	38	26e	36	19	43	20	40	29
16	48	40	47	32	42	-	34	32/28	42	31/28	44	35
17	45	34	48	22	39	-	34	19	44	19	46	31
18	49	39	49	28	41	30	37	29	45	28	44	36
19	47	42/41	46	23	39	33	38	31	45	32	44	36
20	42	38/36	41	32	34	32/29	38	31	41	32	40	37/33
21	38	31/29	40	30/22	39	24/21	34	30/22	40	30/25	36	28
22	38	27	42	20	39	17	32	16	40	18	36	25
23	38	30	39	21	32	21	32	13	36	16	34	24
24	38	31	39	25	31	24	35	26	39	26	36	28
25	37	26	43	25	29	24	36	24	40	23	38	27
26	33/30	29	31	27	23	19	27	25	29	28	28	27
27	30	28	-	27	22	19	28	25	30	28/26	29	27
28	30	28	-	-	24	20	29	24	30	25	29	26
29	38	30	37	-	30	22	34	27	38	28	37	28
30	35	28	34	27e	27	22	32	27	34	22	33	25
31	41	33	38	33e	30	27	35	31	41	30	39	32
MONTH	40.0	32.1	40.2	26.7	32.6	25.6	34.9	25.5	39.4	25.7	37.7	29.6
AVE.		36.0		33.4		29.1		30.2		34.6		33.6

SNOW DEPTHS Inches	Lewis- ton	Wawa- wai	Ridge above Wawa.	Univ. Idaho	Pot- latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2½ mi. N.	Precipita- tion rec- ords for Moscow Mtn. provided by Alan
Dec. 3	0	0	0	0	0	0	0	T	24	0	
" 10	0	0	1.5	2.5	1.0	2.0	4.0	9.0	-	6.0	
" 17	0	0	0	0	0	0	0	Patches	-	T	
" 24	0	0	0	0	0	0	0.2	3.5	30-35	0.5	
" 31	0	0	0	0.5	0.5	2.5	3.5	9.5	35e	6.0	

Note: Temperature records for Genesee Flat and Hill on page 4

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - DECEMBER 1966

page 3

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'		2880'		
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	
1	98%	72/92	100%	72%	100%	82%	95/100	88%	92	100%	78/88	100%	98%	100%	100%	100%	94%
2	96/98	79	96	72	100	80	100	81	97	70	100	64	100	76	100	94	
3	100	72	100	67	100	72	100	74	100	81	96	86	100	92e	100	92	
4	79	40	68/97	44	79/99	52	95	62	88/99	58	100	55	100	72	100	52	
5	100	43	100	52	98	50	98	74	100	79	99	98	100	98	100	94	
6	92%	49%	68%	57%	79/97%	64%	-	-	84%	70%	100%	64%	100%	89%	100%	78%	
7	91	51	93	57	98	63/67	-	-	100	74/78	100	92	100	97	99	88	
8	73/90	59	79	67	89	71	-	-	98	85	98	87	100	93	97	69	
9	95	54	77	58	83	62	-	-	95	61	100	70	98	86	98	66	
10	99	85	100	70	99	84	-	95	99	91	100	98	-	-	98/100	90/98	
11	97%	52%	72/81%	52%	85%	60%	93%	76%	95%	68%	100%	73%	-	-	100%	98%	
12	99	65	82	66	96	78	97	78	98	84	100	88	-	-	100	98	
13	99	68	90	73	98	81	93	89	100	96	99	97	-	-	100	98	
14	68/100	50	74	54	86	64	93	73	97	68	98	71	-	-	99	81	
15	100	60	73	62	91	70	98	68	89	63	100	63	-	-	100	84	
16	86%	54%	65%	54%	77%	65%	78%	65%	70%	61%	98%	63%	-	-	100%	99%	
17	93	62	65	58	75	72	81	66/72	71	62	100	58	-	66	100	96	
18	85	59	64	57	80	70	84	65	76	61	98	64	100	66	100	99	
19	82	56	73	56	79	65	82	67	72/81	62	100	70	100	78/85	100	97	
20	100	80	99	83	98	87	100	96	100	68/98	100	98	100	98	100	99	
21	83%	60%	86%	73%	97%	67%	98%	78%	100%	83%	99%	77%	100%	96%	100%	78%	
22	98	52	76	58	90	63	96	71	87	53	100	50	100	78	99	79	
23	83	43	63	46	75	54	83	67	55	36	96e	63	98	58	99	95	
24	87	62	76/92	64	94	75	-	-	95	80	100	98e	100	92	100	84	
25	96	75	90	83	96	79	96/98	80	100	72	100	80	100	100	99	79	
26	91%	82%	99%	94%	98e	92e	99%	89%	100%	98%	100%	80%	100%	98%	100%	82%	
27	91/96	73	-	-	92e	92e	94	78	98	95	100	93	100	99	97	79	
28	97	85	-	-	93	79/85	92	87	96/100	93	-	-	100	99	98	90	
29	100	57	100	-	94	69/75	96/98	84	100	95	-	-	100	100	100	90	
30	100	63	100	-	92	75	-	-	99	96	100	90	100	100	99	90	
31	92	76	-	66	82	55	-	-	99	79	99	82	100	100	100	96	
MONTH AVE.	94%	62%	86%	65%	91%	71%	94%	77%	93%	77%	99%	79%	100%	89%	99%	88%	
	78%		76%		81%		86%		85%		89%		94%		94%		

Record at Bovill maintained by Mr. Eldon Loe

Temperature extremes on Bald Mountain (5330') during the month:

Highest 38°, on the 16th
 Lowest 12°, on the 9th

ADDITIONAL RECORDS

DECEMBER 1966

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660* Genessee Flat		2900* Genessee Hill		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2900* Genessee Hill		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	45	41/36	42	39/34	48	44	49	45	100%	85%	99%	93%	99%	95/97%
2	43	33	41	32	48	36	50	37	99	77	100	81	99	62
3	46	38/36	44	36/35	52	40	53	42	99	67	99	74	100	70
4	45	33	44	33	52	37	53	35	90	38	94	52	96	48
5	41	33	38	31	49	35	52	37	100	59	99	74	100	86
6	44	34/32	41	32	51	34	53	36	82%	50%	87%	64%	95%	50%
7	35	26	34	26	44	34	47	34	82	56	100	75	100	83
8	33	21	31	22	42	30	45	33	79	51	99	75	99	73
9	29	17	27	19	36	26	40	28	86	64	97	75	97	60
10	36	28	33	27	45	34	46	36	87	64	100	80/95	100	66/98
11	39	28	39	30	44	37	44	36	83%	69%	98%	72%	99%	77%
12	42	34	40	34	49	38	49	40	92	73	98	86	99	96
13	42	39	40	37	48	42	51	42	99	83	100	90	99	-
14	44	35/30	42	33	52	37	54	37	80	52	94	63	-	57
15	39	29	38	29	48	33	48	33	85	61	97	71	96	58
16	43	37	42	36	52	43	55	43	61%	45%	83%	63%	90%	53%
17	43	33	41	31	49	35	50	36	71	50	89	67	95	55
18	44	36	43	36	51	40	52	40	67	51	78	64	85	62
19	45	38	43	37	52	43	53	42	73	53	80	66	98	62
20	42	36/35	40	35	44	40	48	41	99	83	88/97	69/79	100	72/90
21	40	30	36	28	47	33	48	33	87%	52%	98%	71%	100%	69%
22	34	26	32	25	43	30	45	31	88	60	96	74	97	45
23	34	26	32	25	41	32	42	34	78	52	88	61	82	57
24	35	26	33	26	42	33	43	34	88	68	98	64/82	96	64
25	37	25	35	25	40	27	42	30	98	72	98	88	100	71
26	31	29	30	28	37	34	41	37	93%	81%	100%	92%	100%	87%
27	31	28	30	27	41	31	42	34	97	64	92	81	90	71
28	31	28	29	27	36	31	40	34	98	82	97	89	98	82
29	39	30	38	28	47	31	50	34	100	70	100	82	100	83
30	33	25	32	25	36	28	40	29	98	82	98	87	99	82
31	41	30	39	32	43	31	43	31	98	86	93	80	99	73
MONTH AVE.	38.9	30.2	37.1	29.8	45.5	34.8	47.4	35.9	88%	65%	95%	76%	97%	71%
		34.6		33.4		40.2		41.6		76%		86%		84%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JANUARY 1967

by Prof. R. L. Day; George Whitlock, Assisting

Date	675*		1500*		2500*		2436*		2610*		3150*		2510*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	50/48	43/42	49/45	40/39	43/38	34	42/40	34/33	40/38	33	38/36	30	40	34/33
2	40	31	40	33	34	30	36	30	36	26	31	26	36	25
3	55/52	35	52/47	36	43/40	30	45/43	33	42/41	33	39/38	30	42	32
4	53	37	50	36	43	32	44	32	41	32	40	32	44	33
5	44/40	36	41/35	32	34/30	27	35/30	28	35/30	27	27	25	30	28/26
6	38/34	30	34/32	28	27	24	30	24	28	24	25	22	31	24
7	37	31	36	28	30	23	32	25	32	25	29	22	32	25
8	46	32	43	31	38	28	38	26	38	29	35	27	38	26
9	51	35	46	40	40	34	42	35	41	35	40	34	45	35
10	48	35	47	39	39	34	41	35	40	35	38	35	42	34
11	52	43	49/48	42	41	36	42	37	42	37	38	36/35	45/43	38
12	48	36	44	37	43	34	40	33	38	32	34	32/30	39/37	31
13	54	47	51	41	45	41	44	39	44/43	39	40/38	35	44/42	35
14	53	52/44	50	47/45	45	42/41	46	41	45	40	42	37	45	38
15	60	45	56	45/41	51	40/37	50	42/36	49	42/36	45	39/32	49	41/36
16	48	42/40	43	38	41	34	40	33	40	32	34	29e	40	33/31
17	41	34	36	32	36/34	31	33	30/22	32	27	32/29	28	32	23
18	41	29	38	30	35	26	34	16	33	24	30	25	34	22
19	54	36	52	33	46	33	44	33	43	31	39	30	43	32
20	51	41	48	39	43	36	43	36	43	34	38	32	42	37
21	42	36	40	37/32	37	34	37	32	37	32/31	32	30	36	33
22	46	36/34	38	31	37	29	36	29/26	34	24	32	24	36	20
23	44	31	37	28	34	26	34	21	33	23	31	22	34	20
24	40	28	36	27	33	24	34	21	34	22	33	24	37	19
25	41	34	39	31	34	29	34	28	34	29	32	29	34	25
26	42	37	43	36	37	34	36	32	36	32	34	30	35	33
27	48	40	48	42	43	36	41	36	43	36	39	35	42	35
28	55	43	50	45	52	41	52	39	49	39	46	38	46	40
29	65	45	62	42	55	42	56	39	52	40	49	40/38	55	41
30	52	34	45	33	42	34	45	31	42	30	40	30	44	30
31	47	38/35	40	33	40	31	38	31	37	31	40/33	28	39	30
MONTH AVE.	47.5	36.6	44.0	35.6	39.6	32.4	39.8	31.1	38.8	31.2	35.7	29.8	39.5	30.4
		42.0		39.8		36.0		35.4		35.5		32.8		35.4

PRECIPITATION Inches	Lewis-ton	Wawa-apt.	Wawa-wai	Ridge above Wawa.	Univ. Idaho	Nut Hill	v. Har-ward	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Boyill 2 1/2 mi. N.	Moscow Mtn.
Jan. 1 - 7	0.16	0.72	0.86	0.80	0.90	0.79	1.73	1.56	1.67	1.38	2.31	
" 7 - 14	0.10	0.52	0.43	0.31	0.99	0.36	0.92	0.83	0.87	1.20	2.09	
" 14 - 21	0.34	1.28	1.27	1.20	1.45	1.48	2.10	2.38	1.52	3.56	2.88	
" 21 - 28	0.50	0.91	1.06	0.95	-	1.31	2.18	2.68	1.35	1.90	-	
" 28 - 31	0.18	0.08	0.10e	0.19	-	0.20e	0.22	0.25	0.25	0.24	-	
Totals	1.28	3.51	3.72	3.45	-	4.14	7.15	7.70	5.31	8.28	-	

*Bald Mountain gage now shielded.

Date	2590*		3700*		2880*		2635*		2865*		2660*		2900*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	37	32	30/28	26	37e	31e	39	31	34	31	39	34	37	34/32
2	36	20	26	20	34e	19	35	14	32	23	35	26	35	26
3	42	31	31	24	38	29	43	30	-	-	43	32	41	31
4	43	32	31	27	37	30	38	32	39	32	40	32	39	32
5	30	27	29/20	19	37/28	25	34/31	26	38/28	25	36/30	27	28	25
6	33	24/22	22	16	32	18/10	32	21	28	20	28	24	26	23
7	32	25	24	17	30	8	33	14	30	21	32	25	28	23
8	38	27	30	21	36	23	41	21	38	26	38	24	35	25
9	47	28	38	27	42	27	47	25	43	32	42	31	38	21
10	42	25	35	28	35	18	39	20	40	30	40	34	37	32
11	42	34	32	30/28	40	28	40	30	40	34	42	37	41	35
12	35	28	29	27	35	28	35	27	35	29	36	30	36	31
13	42	34	34	29	40	31	40	34	41	35	44	36	43	35
14	44	35	34	32	41/38	32	42	34	43	39	45	41	44	40
15	48	37/34	38	32/26	44	32	47	34	47	39/35	48	41/37	47	40/35
16	37	32/25	29	24	35	31/27	38	32/30	38	31	41	32	36	31
17	32	19	25	22/21	34	21	32	23	31	27	32	24	30	26
18	36	22	29	21	34	19	34	24	32	24	32	15	31	22
19	42	32	31	25	37	29	39	31	39	30	45	32	42	30
20	41	32	33	27	40	30	41	31	38	31	42	33	40	32
21	36	32	31	27	36	30	35	29	33	30	34	30	32	29
22	37	21	28	19	34	17/12	39	14	34	23	36	20	38	22
23	38	11	31	16	33	-3	36	5	33	17	33	22	29	19
24	40	10	31	14	32	-6	37	5	34	18	30	21	28	20
25	34	18	29	19	32	8	34	11	32	26	33	25	30	25
26	37	30	30	25	34	26	34	28	34	30	36	31	34	30
27	40	33	35	29	37	30	40	31	40	34	40	35	38	34
28	49	35	38	33	42	31	46	32	47	37	48	37	47	37
29	53	33	42	34/33	47	31	51	31	50	38	54	40	52	38
30	47	25	41	23	44	26	46	25	44	30	43	31	40	31
31	36	27	31/29	25	35	21	36	26	35	29	39	30	36	30
MONTH AVE.	39.5	27.1	31.1	24.1	36.5	22.7	38.7	24.8	37.3	28.9	38.6	30.0	36.7	29.4
		33.3		27.6		29.6		31.8		33.1		34.3		33.0

SNOW DEPTHS	Lewis-	Wawa-	Ridge	Univ.	Pot-	Har-	1 mi.	S. Emida	Bald	Bovill	
Inches	ton	wai	above	Idaho	latch	vard	of G.P.	Ridge	Mtn.	2 1/2 mi.	
			Wawa,							N.	
Jan.	7	0	0	2.0	0.8	0.5	1.0	10.0	25.0	-	12.0
"	14	0	0	0	0	0	T	5.0	13--18	-	9.0e
"	21	0	0	0	0.5	0.5	0.5	7.0	25--28	-	9.0e
"	28	0	0	0	0	0	0	7.0	18--22	68*	14.0e
										(30th)	

e = estimated

*Bald Mtn. water content: 20.5"

Precipitation records for Moscow Mtn provided by Alan Robertson

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - JANUARY 1967 3.

page 3

Date	675* Wawawai Snake River Canyon		1500* Wawawai Canyon		2500* Ridge above Wawawai		3150* Viola Hill		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	
1	72%	47%	82%	54%	91%	59%	98%	67%	98%	71%	100%	96%	100%	73%	
2	97	66	80/95	72	98	70	99	83	97	70	100	91	98	89	
3	98	44/52	95	46/52	97	59/62	96	68	96	66	100	78	99	87	
4	100	47	100	49	97	61	100	75	100	68	100	98	100	92	
5	70	55	81	59	93	67/74	97	84	95	76	98	88	98	70	
6	100%	59/82%	99%	60/83%	98%	77/88%	97%	87%	95%	70%	100%	79%	96%	64%	
7	91	74	96	72	97	89	98	85	93	84	100	99	97	88	
8	88	61	89	65	88	82	71/75	87	74	97	74	100	100	87	
9	85	47	66	55	80	66	77	74	100	58	100	76	100	69	
10	90	57	63	50	75	62	78	64	100	62	96	82	99	96	
11	84%	52%	80%	47/52%	88%	59/66%	95%	62/73%	100%	68/75%	100%	87/92	100%	74%	
12	99	56	93	52/59	96	70	100	73/98	100	77/90	100	95/98	99	97	
13	94	49/65	94	57/71	94	69/86	100	86/98	100	82	100	82	100	74	
14	70/97	68	94	68	96	84	100	94	100	90	100	94	100	86/94	
15	97	33	97	33	86	44	100	54	100	48	100	54	100	42	
16	91%	54%	73/83%	58%	91%	69%	100%	82%	100%	79%	98%	76%	88%	75%e	
17	97	74	91/98	80	100	80	100	98	100	94	98	90	99	82	
18	100	64	93/100	64	97	70	99	73	100	71	98	74	98	73	
19	98	47	100	48	96	61	100	71	98	66	100	99	99	91	
20	83	46	90	47	96	57	98	63	97	67	100	78	99	75	
21	100%	83%	97/100%	64%	96%	74%e	100%	86%	100%	89%	100%	97%	100%	91%	
22	97	49	100	54	100	58	100	72	100	68	100	84	99	71	
23	86/90	53	70	57	87	69	80	58	100	59	95	69	98	73	
24	91	48	64	48	82	58	70	42	98	42	87	50	99e	84	
25	81/91	66	85/88	51/69	98	64/82	76/98	55/76	98	88	89/99	73/88	98	95	
26	85/97%	78%	79/94%	63/70%	98/100%	69	80%	100%	76%	100%	69%	100%	95%	100%	81%
27	97	80	90	69/81	95	81/87	98	93	100	96	100	98	100	96	
28	97	32	88	-	94	75	98	83	100	97	100	94	100	94	
29	97	33	-	41	96	49	97	52	100	59	98	68	100	62	
30	96	50	76	56	85	62	87	47	98	43	95	39	94	44e	
31	90	59	92	60/66	97	61/68	100	46/74	100	76	99	53/77	100	68	
MONTH AVE.	93%	59%	89%	60%	93%	70%	95%	75%	99%	72%	99%	83%	95%	77%	
	76%		74%		82%		85%		86%		91%		86%		

TEMPERATURES

Bald Mountain

Record at Bovill maintained by Eldon Loe.

Temperature extremes on Bald Mountain (5330*) during the month:

Highest 36° on the 29th
Lowest 12° on the 24th

Date	Max.	Min.
Dec. 28	22	21
" 29	27	22
" 30	25	19
" 31	28	25
Jan. 1	28/26	23
" 2	22	18
" 3	29/27	25

Total December Precip. on Bald Mountain:
3.46 inches

ADDITIONAL RECORDS

JANUARY 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		2900* Genessee Hill	
	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low	High	Low
1	47	37	47	30	98%	70%	100%	65%	100%	65%	94%	68%
2	41	29	45	30	86	60	99	70	99	70	90	75
3	51	36	54	40	77	40	99	61	-	-	97	62
4	47	37	44	39	94	67	99	88	100	83	100	77
5	40	30	43	31	70	46	99	70	100	77	93	70
6	32	29	35	32	100%	88%	97%	67%	97%	78%	97%	82/88%
7	35	26	38	31	95	78	97	76	97	86	98	90
8	46	26	47	29	96	68	99	65	94	75	96	74
9	50	35	50	38	68	50	98	53	91	63	78	67
10	49	38	50	38	64	48	100	74	96	74	93	71
11	52	42	52	44	78%	65%	100%	74%	99%	75%	92%	67/77%
12	45	34	45	35	99	78	100	74	100	82/93	99	80/86
13	51	43	55	42	98	69	100	87	100	88	98	67/88
14	47	40	49	40	99	82	99	86	100	88	97	65
15	56	44	58	45	86	38	100	55	100	57	98	48
16	48	38	52	39	73%	47%	91%	72%	95%	78%	90%	74%
17	38	32	41	34	95	78	100	90	98	92	98	85
18	41	26	42	31	100	67	100	71	100	76	98	80
19	50	38	47	39	85	55	99	86	100	73	98	64
20	49	38	53	40	99	58	99	69	100	71	99	64
21	39	34	43	38	100%	95%	100%	91%	100%	94%	100%	98%
22	43	30	47	30	100	51	99	66	99	67	98	57
23	40	26	43	27	85	56	99	55	91	59	97	72
24	37	23	40	24	83	56	98	48	83	50	91	64
25	39	29	42	30	87	71	99	88	81/97	63/79	86/98	71/85
26	39	32	40	34	97%	81%	100%	91%	98%	76%	100%	82%
27	48	40	48	39	96	76	100	93	98	95	100	90
28	53	41	52	42	99	86	100	91	98	88	98	83
29	58	41	58	42	95	38	100	51	96	51	98	50
30	48	34	50	34	82	48	99	40	85	45	86	61
31	48	35	51	36	90	56	100	67	97	72	97	64/67
MONTH AVE.	45.5	34.3	47.1	35.6	89%	63%	99%	72%	97%	74%	96%	74%
		39.9		41.4		76%		86%		86%		85%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

FEBRUARY 1967

by Prof. R. L. Day; George Whitlock, Assisting

Date	675*		1500*		2500*		2436*		2540*		2610*		3150*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	49	32	44	35	42	34	42	30	42e	30e	40	31	36	31
2	54	42	49	40	46	38	44	36	45	35	44	35	40	32
3	58	39	52	42	50	43	46	35	47	34	46	36	43	37
4	59	42	54	40	52	43/39	50	31/37	51	39/33	50	40/36	47	40/34
5	52	35	43	32	42	32	42	31/27	42	28	41	28	38	27
6	55	35	47	32	46	31	46	28	46	30	45	31	42	31
7	50	30	46	30	47	33	47	25	49	24	44	29	43	31
8	56	33	51	33	48	33	47	28	48	32	46	31	44	33
9	52	47	46	41	44	39	43	38	44	32	43	34	40	34
10	54	45	48	39	46	37	45	36	45	35	44	34	41	32
11	54	36	46	35	41	34	45	29	41e	27	41	29	36	30
12	56	34	52	31	48	32	48	29	49	33	47	33	43	31
13	56/51	48/40	51/45	43/33	48/42	40/33	46/42	38/31	47/42	38/29	46/37	37/30	41/37	33/27
14	45	32	39	26	37	27	36	25	37	23	35	25	32	22
15	46	33	41	30	38	30	34	29	35	30	34	29	32	26
16	48	39	43	34	40	32	38	30	38	30	37	30	34	26
17	55	36	51	35	47	35	46	30	46	31	45	30	39	27
18	55/47	40	53/40	34	48/45	34	36e	-	36	32	40	30/28	40/35	26
19	-	-	40	25	39	25	37	19	40	27	38	28	34	25
20	-	29	42	28	41	26	40	21	40	23	38	24	35	24
21	Clock		46	33	44	33	45	31/27	45	30/27	42	28	41	27
22	out of		44	33	41	31	42	27	43	26	40	28	38	28
23	order		50	34	49	33	50	30	52	32	49	32	47	33
24	60	-	54	39	53	37	55	31	56	37	51	35	53	39
25	-	-	49	40	45	40	44	35	45	37	43	36	40	35
26	-	-	51	33	47	32	48	27	50	26	47	28	43	30
27	64	-	59	39	55	37	57	30	59	36	56	36	52	37
28	-	-	56	44	53	44	55	37	56	45	55	42	51	44
MONTH AVE.	53.2e	37.2e	47.4	34.6	45.3	34.1	44.6	30.0	45.3	30.9	43.5	31.3	40.6	30.7
	45.2e		41.0		39.7		37.3		38.1		37.4		35.6	

PRECIPITATION Inches	Lewis-ton	Wawa-Apt.	Wawa-wai	Ridge above Wawa.	Univ. Idaho	Nut*v. Hill	Har-vard	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Dovill 2 1/2 mi. N.
Feb. 1 - 4	T	0.01e	0.05e	0.10	0.22	0.30e	0.55	0.56e	0.65	0.63	
" 4 - 11	0.05	0.09	0.03	0.02	0.06	0.04	0.09	0.07	0.10	0.27	
" 11 - 18	0.22	0.60	0.52	0.70	0.87	0.78	1.18	1.71	2.25	0.60	
" 18 - 25	T	0.02e	0.06	0.02e	0.06	0.08	0.08	0.09	0.10e	0.20	
" 25 - 28	0	0	0	0	0	0	0	0	0	0	

Totals 0.29 0.72e 0.66 0.84 1.21 1.20 1.90 2.43 3.10 1.70

e = estimated.

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	42	30	40	26	35	25	39	25	40	23	38	29
2	44	36	40	34	31	27	37	32	40	32	39	32
3	46	34	45	32	37	30	40	30	40	27	42	31
4	51	41/37	52	34	40	32	48	31	51	31	49	34
5	41	28	43	22	36	21	40	17	43	21	41	27
6	44	30	46	24	40	23	43	21	47	23	44	27
7	45	24	49	19	43	25	44	11	47	18	46	25
8	47	29	46	20	39	27	42	10	45	17	43	27
9	43	31	43	25	32	27	37	22	42	25	41	33
10	45	35	46	23	35	28	40	33/31	46	31	44	34
11	38	27	34	23	26	22	33	22	36	22	36	30
12	49	33	46	30	34	24	42	29	45	27	46	31
13	45/41	37/31	45/42	37/29	33/29	27/21	35	34/28	45/43	37/26	45/42	38/29
14	36	19	38	20	27	18	33	23	39	24	36	26
15	34	28	34	25	26	19	31	21	34	24	30	26
16	36	30	36	28	28	21	33	27	38	28	33	27
17	45	30	39	29	33	22	35	17	41	27	36	28
18	45/40	30	43/38	30	33/31	22	35	28/18	41	29/24	40/35	27
19	41	28	38	21	33	19	35	18/16	42	24	37	26
20	41	20	41	12	37	17	40	-1	42	9	38	18
21	44	30/28	44	27	35	23	41	17	44	25/22	39	27
22	44	24	44	17	38	22	40	5	42	15	39	22
23	52	29	53	24	48	27	47	16	52	22	49	29
24	59	30	60	22	56	28	54	13	58	19	55	33
25	44	32	39	25	33	31	35	20	39	26	43/37	33
26	50	27	48	22	43	23	45	20	49	20	46	28
27	59	31	59	24	56	32	55	20	58	23	56	33
28	55	40	53	32	47	37	49	29	54	30	52	40
MONTH	44.9	29.8	44.1	25.0	36.7	24.8	40.3	20.6	44.2	23.6	41.8	29.0
AVE.		37.4		34.6		30.8		30.4		33.9		35.4

SNOW DEPTHS Inches	Lewis- ton	Wawa- wai	Ridge above Wawa.	Univ. Idaho	Pot- latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. N.
Feb. 4	0	0	0	0	0	0	1	19	16e
" 11	0	0	0	0	0	0	Patches	13	9e
" 18	0	0	0	T	T	2	5	31	14e
" 25	0	0	0	0	0	0	½	24	6e

e = estimated
Genesee records on page 4.

Note: Snow depths are recorded on Mondays at the station near Bovill; hence Saturday depths are estimated, on the basis of the Monday depths.

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - FEBRUARY 1967

Date	675*		1500*		2500*		2900*		3150*		2590*		3700*		2880*	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon		Ridge above Wawawai		Genesee Hill		Viola Hill		Harvard Valley Flat		Emida Ridge (N-S Ski Bowl)		Bovill (2½ mi. north)	
1	100%	63%	80%	65%	88%	70%	95%	71%	98%	73%	100%	65%	100%	70%	99%	63%
2	85	49	71	52	80	59	90	70	95	69	99	86/90	100	98	100	94
3	92	46	62	47	67	55	82	61	73	60	99	65	98	75	100	89
4	95	37	83	36	85	47	91	52	78/80	50	100	60	96	40	100	51
5	73/88	48	74	39/54	79	63	80	57/60	92	66	99	57	97	47	100	46
6	88%	42%	78%	50%	88%	56%	90%	60%	85%	62%	100%	61%	95%	57%	99%	55%
7	100	56	97	62	96	54	96	59	95	64	100	49	98	42	99	53
8	95	37	84	40	88	52	92	53	78	61	100	53	89	54	98	52
9	63	53	68	57	79	66	82	64	94	81	100	74	98/100	93	100	79
10	70	38	78	41	92	50	90	57	98	53	95	59	99	62	99	63
11	92%	59%	77/92	68	77/100%	52%	100%	68%	86%	59%	100%	66%	100%	90%	100%	87%
12	100	37	98	37	95	47	99	53	95	49	100	48	100	58	100	56
13	80	37/48	88	39/54	95	61	63/92	44/57	98	49/57	98	52/60	100	62/85	94	56/66
14	92	52	95	55	97	60	94	64	100	66	99	62	97	74	98	65
15	100	59	100	64	100	72	98	71/73	100	74/85	97	70	99	94	99	69
16	70%	57%	89%	63%	97%	78%	100%	70%	99%	91%	99%	83%	99%	97%	99%	80%
17	99	54	95	65	98	75	92	44/57	100	67/72	100	78	99	93	100	85
18	-	47/-	72	64	100	60	96	57/72	86	69/75	99	65/69	100	62/69	100	65/67
19	-	-	100	70	100	63	100	57	100	67	100	57	99	52	98	58
20	-	-	85	61	97	68	98	64	89	62	100	52	99	47	95	47
21	Clock		73%	43%	77	54/-	78%	48%	91%	45%	90%	53%	91%	53%	99%	46%
22	out of		67	54	85	69	86	64	78	53	100	51	84	53	98	52
23	order		82	50	89	56	79	53	65	35	100	38	69	-	99	40
24	-	-	62	47	73	-	76	52	47	31/40	100	35	67	26e	99	34
25	-	-	88	58	77/99	70	92	55/74	93/98	74	100	96	100	34/99	100	98
26	-	-	85%	46%	84%	55%	97%	53%	81%	49%	100%	48%	97%	43%	100%	51%
27	-	-	72	42	81	47	87	40	66	37	99	36	73	30	98	41
28	-	-	69	43/48	63	49/52	68	48	53	43	97	49	62	52	98	48
MONTH AVE.	88%	48%	82%	53%	88%	59%	90%	60%	86%	61%	99%	60%	93%	64%	99%	62%
	68%		68%		74%		75%		74%		79%		78%		80%	

Record near Bovill maintained by Mr. Eldon Loe e = estimated

Temperature extremes on Bald Mountain (5330*) during the month:

Highest 48° on 24th or/and 27th
 Lowest 11° (estimated) on 20th

Average relative humidity for month at Wawawai estimated through use of record being kept about 150 feet above the valley floor at the time.

Averages temperatures for the month were estimated on basis of comparisons made between records available during first 17 days of month with those at Wawawai Canyon and on ridge above Wawawai.

ADDITIONAL RECORDS

FEBRUARY 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660* Genesee Flat		2900* Genesee Hill		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	40	31	38	30	46	32	47	32	82%	68%	100%	61%	92/100%	71%
2	44	36	42	34	49	38	52	37	80	61	99	86	100	83
3	46	33	45	36	49	37	48	37	86	69	100	93	97	74
4	52	37	50	38/37	60	39	63	40	95	47	100	62	97	61
5	42	30	40	29	50	33	52	34	71	43	100	50	92	57/62
6	46	29	42	29	53	29	57	31	92%	44%	100%	51%	96%	63%
7	47	24	43	28	48	27	51	29	97	62	100	46	99	54
8	48	29	45	28	50	27	53	27	88	52	100	46	93	56
9	44	34	42	34	48	37	50	36	88	67	100	66	94	77
10	45	37	43	34	54	38	56	34	67	33	97	52	99	60
11	38	29	36	30	44	33	45	34	93%	61%	100%	73%	90/100%	72%
12	48	30	46	31	56	30	58	31	100	39	100	46	100	49
13	48/43	40/33	46/39	40/30	50	46	53	45	68	37	91	53	92	49/55
14	37	25	35	24	46	26	47	29	84	38	98	55	94	68
15	34	28	33	27	42	31	44	33	78	62	100	66	91/99	73
16	38	29	36	26	48	31	50	33	96%	46%	99%	75%	100%	88%
17	46	32	42	31	47	36	49	38	90	70	100	70	100	80
18	46/37	32/28	43/35	30/27	45	35	49	36	95	50	100	55	100	68
19	37	25	37	25	44	26	46	31	100	51	100	45	99	61
20	39	23	37	22	47	25	49	26	92	51	99	42	97	53
21	43	32	40	30	52	37	54	37	61%	36%	95%	43%	83%	53%
22	41	25	38	26	46	28	49	30	88	51	100	47	91	58
23	49	31	46	31	53	30	56	31	94	52	100	31	78	39
24	54	32	51	32	57	35	60	30	80	42	100	29	65	38
25	45	35/32	42	35	48	39	51	40	85	68	100	95	90/99	46/88
26	47	26	44	29	53	28	55	33	100%	50%	100%	45%	100%	51%
27	56	32	54	33	63	33	64	31	86	32	100	32	85	38
28	55	41	53	41	62	45	60	44	62	31	98	41	69	51
MONTH AVE.	44.3	30.5	41.9	30.3	50.4	33.2	52.4	33.9	86%	50%	99%	56%	93%	62%
		37.4		36.1		41.8		43.2	68%		78%		78%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

MARCH 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		1500'		2500'		2436'		2540'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	50	36	44	33	42	32	42	29	44	30	46/41	30	40	31
2	45	39/33	39/38	33/29	36/34	31/29	35	31/28	36	32/30	35	30/29	31	28
3	42	31	36	26	35	25	38	24	36	28/25	34	27/26	30	24
4	48	29	42	26	41	24	41	20	42	23	41	23	36	23
5	54	30	48	27	45	28	46	23	47	20	45	25	42	25
6	58	33	53	29	51	33	50	25	51	26	48	31	47	32
7	50	29	47	26	44	26	46	22	43	26	41	24	38	23
8	56	35	52	36	49	37	48	31	49	28	47	31	45	31
9	50/47	39/37	50/42	34	42/39	31	43/39	32	44/38	32	37	31	41/35	29
10	45	37	40	32	37	31	38	31	38	31	37	30	33	27
11	45	35	38	29	34	28	-	30/-	35	21	34	31/25	31	27/24
12	46	29	38	25	35	22	-	-	37	22	38	22	36	18
13	49	33	42	31	40	29	-	-	39	28	39	29	35	27
14	55	32	48	31	45	28	-	-	44	28	45	28	42	27
15	62	47	56	44	51	40	-	-	52	37	51	36	48	36
16	58	45	57	45	54	42/38	-	-	52	42/40	52	41/39	53	39
17	65	37	59	39	56	37	Glock out		58	33	56	34	54	33
18	51	43	45	40	42	39	of		44	39	46/41	35/34	39	34
19	52	33	49	33	47	32	order		46	29	46	30	43	29
20	62	41	56	39	53	37			53	35	53	35	50	32
21	56	44	52	43	49	41	-	-	48	35	47	38	45	38
22	56	44	53	45	50	41	-	-	50	40	46	39	49	40
23	62	45	56	43	53	41/39	-	-	53	41	50	41	52/50	39
24	55	38	49	35	46	33	-	-	43	32	45	31	44	30
25	51	37	47	33	43	33	-	-	46	28	45	30	43	31
26	55	36	50	34	48	33	-	-	49	31	46	33	45	32
27	52	38	47	36	45	36	-	-	45	30	44	32	43	33
28	53	39	50	36	46	34	48	-	49	34	48	34	45	33
29	45	36	41	31	38	28	38	30	36	29	36	28	33	27
30	51	34	46	31	43e	30	43	27	44	25	44	28	39	26
31	57	38	52	36	49e	34	49	33	50	31	49	32	46	34
MONTH AVE.	52.7	36.6	47.5	34.1	44.6	32.5	--	--	45.0	30.6	43.9	30.9	41.6	30.2
	44.6		40.8		38.6		--	--	37.8		37.4		35.9	

PRECIPITATION	Lewis-	Wawa-	Ridge	Univ.	Nut'v.	Har-	1 mi. S.	Emida	Bald	Bovill	Moscow
Inches	ton Apt.	wai	above Wawa.	Idaho	Hill	vard	of G.P.	Ridge	Mtn.	2 1/2 mi. N.	Mtn.
March 1 - 4	0.08	0.17	0.21	0.04	0.14	0.77	0.64	0.63	1.05	0.66	0.49
" 4 - 11	0.42	0.29	0.51	0.25	0.52	0.43	0.75	0.70	1.17	0.68	1.45
" 11 - 18	0.32	0.40+	0.57	0.74	0.99	0.68	0.70	1.05	0.95	1.13	1.28
" 18 - 25	0.01	0.10+	0.27	0.32	0.43	0.47	0.57	0.84	0.36	0.83	0.73
" 24 - 31	0.32	1.18	-	*0.25+	0.52	0.62	0.74	1.24	1.27	0.43+	1.79
Totals	1.15	2.14+	-	1.60+	2.60	2.97	3.40	4.46	4.80	3.73+	5.74

*Gage shielded by trees to windward; apparently prevented full catch of snow during strong winds accompanying snowstorm of 29th (Univ. of Idaho gauge).

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		REL. HUM. 2900' Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	44	34	45	34	39	27	44	28	47	29	44	32	93%	62%
2	36	31/23	36	31/26	29	24/21	37	28/22	36	30/26	34	30/27	98	82
3	33	27	39	27/17	30	18	34	22/15	36	23	33	25	100	72
4	40	6	42	8	34	17	38	4	40	14	39	21	95	55
5	-	15	46	8	41	18	43	2	45	13	44	20	93	49
6	48	-	49	15	40	24	48	9	51	17	48	26	89%	41%
7	43	22	40	14	36	16	38	2	39	13	38	22	74	51
8	47	20	45	25	35	26	42	23	45	23	46	30	72	51
9	45/39	23	42/38	32	31	25	41/35	29	44/35	31	39/33	30	99	52/59
10	39	32	39	30	32	24	37	27	36	28	34	28	100	97
11	34	33/19	33	32/14	25	21/16	34	31/16	33	31/13	31	31/21	99%	93%
12	42	14	41	4	34	12	43	1	39	2	38	17	100	85
13	40	26	38	21	37	18	43	19	43	23	38	26	94	73
14	46	28	45	18	42	20	44	14	45	20	43	26	97	50
15	52	37	49	40/37	44	30	50	37/34	52	33	50	37	66	34
16	51	42	49	37	45	33	43	32	48	36	49	41	82/92%	44/81%
17	57	31	57	29	49	28	54	28	58	26	56	31	100	42
18	42	38/35	41	37	42/34	31/27	41	30	44	35/31	42	32	98	68
19	45	28	46	28	36	23	42	24	46	23	44	29	93	41
20	53	34	53	28	44	26	52	26	54	27	52	34	97	51
21	49	33	46	30	40	30	47	27	49	28	48	34	80%	63%
22	48	37	48	30	39	32	46	28	44	29	45	37	98	75
23	52	40	52	39	44/43	34/32	50	32	53	36	52	41/40	92	44
24	45	32	47	32	37	24	44	30	48	29	46	31	77	42
25	46	28	46	23	40	24	46	22	49	21	47	30	77	45
26	47	32	48	28	38	26	45	29	48	27	47	31	98%	40%
27	44	31	44	25	38	26	45	27	45	22	44	32	69	54
28	48	32	49	28	40	27	46	28	47	28	45	32	98	63
29	36	29	34	29/24	33/25	22	33	28/27	35	28/26	-	29	100	69
30	42	24	45	16	36	20	44	16	45	18	-	25	90	48
31	49	32	48	23	44	-	47	20	50	25	-	-	82	47
MONTH	44.6	28.5	44.5	24.5	37.3	23.9	43.1	21.6	44.7	24.2	43.2	29.2	91%	59%
AVE.	36.6		34.5		30.6		32.4		34.4		36.2		75%	

SNOW DEPTHS Inches	Lewis- ton	Wawa- wai	Ridge above Wawa.	Univ. Idaho	Pot- latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2½ mi. N.	Water content Bald Mtn.
March 4	0	0	T	0	5	5	5	26	68	16	24"
" 11	0	0	3	2	4	5	8	36	-	18	-
" 18	0	0	0	0	0	0	T	41½	-	12	-
" 24	0	0	0	0	0	0	T	23	-	4	-
" 31	0	0	0	0	0	0	T	3	24	75-96 Patches	33"
Estimated Snowfall 29th	0	0	8	5	6	7	8	-	-	8	

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - MARCH 1967

675' 2500' 2540' 2590' 3700'
 Wawawai 1500' Ridge S. Palouse 3150' Harvard Emida 2880'
 Snake River Wawawai above Flat (1 mi. Viola Harvard Ridge Bovill
 Canyon Canyon Wawawai S.of Moscow) Hill Flat (N-S Ski (2½ mi.
 Bowl) north)

Date	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	94%	51%	92%	62%	93%	61%	98%	59%	97%	50/64%	95%	58%	100%	48%	98%	51%
2	100	65/72	100	73/84	100	78/86	99	84	100	96	100	81	100	82	100	68
3	95	64	97	73	96	78	100	67	100	82	100	61	100	76	97	71
4	-	47	86	42	88	47	97	49	88	50	100	52	98	60	97	57
5	93	38	80	42	84	48	99	47	83	50	100	52	94	48	96	52
6	90%	26%	86%	28%	77%	30%	98%	37%	69%	37%	100%	41%	94%	38%	98%	39%
7	75	50	61	40	70	47	75	47	63	47/52	99	51	73	47	98	46
8	84	44	65	45	79/83	50	95	52	89	54	100	58	100	71	100	63
9	86	48	85	48/52	98	49	99	59	93/100	63	92	59	99	68	96	76
10	100	63	98	72	94	74	100	92	100	94	100	86	98	89	97	91
11	100%	50%	98%	57%	98%	71%	100%	80%	100%	97%	100%	87%	100%	86%	100%	75%
12	90	59	89	64	93	65	98	72	97	60	100	56	97	56	95	44
13	97	55	91	60	93	63	98	70	94	48/79	100	68	100	49	98	50
14	98	43	91	45	96	45	100	52	98	53	100	50	100	44	96	40
15	44	26	42	26	51	30	68	36	69	36	54/65	36	68	35	56/78	35
16	96%	58/66%	81%	31/70%	100%	61/75%	98%	45/85%	97%	36/72%	97%	70%	99%	37/80%	100%	96%
17	97	44	95	40	90	41	100	43	100	42	100	41	100	49	100	37
18	100	47	97	55	100	59	98	70	100	73	100	70	100	93	100	69
19	98	29	80	31	86	34	98	38	90	32	98	36	100	39	99	45
20	97	37	88	40	93	50	97	52	99	41	98	43	100	45	99	43
21	98%	55%	83%	54/57%	90%	63%	95%	63%	90%	49/66%	100%	61%	99%	61/68%	100%	62%
22	97	70	91	67	97	71	95	68/71	99	51	100	60	100	75	100	100
23	97	32	90	35	96	42	97	47	98	38	100	39	97	40	100	41
24	76	40	73	42	85	50	88	48	93	48	85	50	95	47	78	42
25	95	46	85	54	77	53	97	50	84	49	100	48	92	48	99	44
26	96%	30%	90%	40%	92%	41%	97%	44%	97%	43%	100%	43%	99%	44%	100%	43%
27	82	45	82	46/55	74	57	95	53	88	53	97	53	85	57	96	52
28	100	50	97	61	100	59	100	57	100	56	100	62	98	69	98	55
29	100	45	100	58	97	61	100	70	100	92	100	85	100	83/100	100	95
30	80	35	77	45	80	49	95	46	95	50	100	51	100	67	98	44
31	62	30	66	39	73	38	81	39	42	35	99	-	-	-	98	36
MONTH AVE.	95%	47%	85%	51%	88%	54%	95%	57%	91%	58%	98%	56%	96%	60%	97%	57%
	71%		68%		71%		76%		74%		77%		78%		77%	

Record near Bovill maintained by Mr. Eldon Loe

Temperature extremes on Bald Mountain (elev. 5330') during the month:
 Highest 42° on the 17th
 Lowest 4° on the 12th (lowest of winter)

During February 1967, the lowest on Bald Mountain was 10° on the 20th, (corrected figure)

Note on Bovill precip. (record on p. 1): actual total precipitation for the month may have been as great as 4.50 inches; 0.66" precip. for 11 inches of snow on 3rd, and especially 0.22" precip. for 8 inches of snow on 29th look too low.

ADDITIONAL RECORDS

MARCH 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660' Genesee Flat		2900' Genesee Hill		1416' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)		1416' Lewiston Airport (Weather Bureau)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	44	32	40	31	51	35	54	40	70%	42%	99%	48%	95%	58%
2	36	32	33	30/28	44	34	48	36	99	63	99	72	100	79
3	36	26/25	31	25	45	30	48	33	93	54	99	62	98	70
4	40	18	38	21	46	22	50	25	91	42	99	47	97	45
5	45	18	44	23	52	24	55	25	71	41	100	45	97	46
6	50	27	47	28	56	27	58	28	93%	24%	100%	34%	96%	37%
7	42	22	39	20	45	23	46	27	83	44	99	45	72	50
8	50	27	48	31	56	29	59	29	86	39	100	50	100	49
9	47/38	32	46/36	29	46	39	48	41	72	45	98	72	100	68
10	36	29	34	28	42	34	46	37	98	87	100	92	99	94
11	32	30/18	32	30/22	41	33	44	32	98%	65%	100%	79%	100%	90%
12	35	13	32	19	41	24	44	25	94	64	97	62	97	59
13	37	26	35	26	45	30	50	34	99	62	99	54	96	61
14	44	27	43	26	53	29	54	31	99	45	100	40	99	42
15	51	35	50	36	58	39	62	38	63	27	75	31	54	27
16	51	41	50	41	59	46	62	47	81%	60%	99%	62/90%	97/100%	35/89%
17	55	33	55	34	64	35	69	37	100	34	100	34	99	34
18	42	36	40	35/34	49	43	52	44	96	49	100	69	99	68
19	44	29	44	30	52	32	58	34	98	39	100	34	98	35
20	52	34	51	33	61	38	65	41	92	38	99	41	97	40
21	50	35	48	39	54	40	58	43	93%	55%	100%	58%	98%	62%
22	47	38	44	37	50	41	53	42	93	84	100	87	99	69/82
23	53	41	51	41	61	40	63	42	97	26	99	36	90	35
24	47	34	45	31	55	35	56	39	72	25	92	39	89	39
25	47	29	45	31	52	32	56	34	82	38	100	37	94	43
26	47	31	46	31	56	34	57	37	92	31	99%	37%	100%	33%
27	45	28	42	32	52	31	57	35	87	44	100	40	82	41
28	46	35	43	33	52	37	55	41	93	60	99	50	98	51
29	36	30	33	28	48	35	49	39	88	38	99	71	100	-
30	42	27	39	26	51	33	54	34	79	39	99	41	-	-
31	47	32	46	30	55	36	58	41	69	34	98	34	-	-
MONTH AVE	44.1	29.5	42.1	29.8	51.4	33.5	54.5	35.8	88%	46%	99%	53%	95%	55%
		36.8		36.0		42.4		45.2		67%		76%		75%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

APRIL 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		1500'		2500'		2436'		2540'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill	
1	55	-	50	-	49	-	49	-	49	27	48	29	46	31
2	63	37	59	37	56	34	56	27	59	26	57	31	54	35
3	65	40	63	40	60	38	61	31	64	31	63	36	60	36
4	58	45	55	44	52	42	54	34	56	36	53	37	53	40
5	59	42	53	38	50	36	52	38/34	53	37	51	36	50	34
6	64	37	61	37	57	35	59	29	61	35	59	34	55	35
7	65	35	58	37	56	37	59	27	60	27	59	32	57	40
8	60	46e	56	41	51	41	54	36	54	32	52	37	52	36
9	60	39	55	37	51	35	54	31	54	25	51	30	51	34
10	59	45/43	54	41	50	37	53	40	56	37	54	41	51	40
11	60	39	55	38	51	37	54	31	56	32	54	33	56	36
12	57	39	54	40	50	38	52	37	54	26	51	32	50	37
13	56	44/39	54	42/38	50	37/32	52	40/34	54	40/35	53	39/33	48	37/34
14	53	39	48	35	44	31	46	33	46	34	45	32	44	29
15	55	34	51	31	-	28	50	25	51	30	51	30	48	30
16	55	33	53	34	-	-	51	28	52	22	51	28	46	32
17	62	36	58	38	56	-	54	29	58	33	57	33	54	36
18	58	44	55	43	-	-	53	38	55	40	56	41	52	40/38
19	43	40	45/38	36	34	32	38	34	39	34	40	34	38/34	32
20	45	36	39	32	37	31	40	32	41	33	42	34	35	30
21	53	35	49	32	45	32	47	32	48	32	49	30	42	28
22	61	35	57	35	53	34	56	28	57	32	58	34	54	32
23	63	34	59	36	54	-	57	27	59	28	58	30	56	37
24	62	39	57	41	52	-	56	32	58	32	57	36	55	38
25	56	45	51	44/43	47	40	50	42	51	41	50	41	48	38
26	58	39	54	37	50	35	50	36	54	35	52	35	49	34
27	55	37	50	39/37	46	37	47	32	48	36/31	46	36/32	43	35/30
28	-	-	43	32	40	32	41	27	40	29	39	30	35	28
29	50	-	44	35	40	32	42	33	41	33	41	33	38	30
30	55	41e	51	38	-	34	47	35	46	34	47	35	43	31
MONTH AVE.	57.1	38.6	52.8	37.4	49.4	35.1	51.1	32.1	52.5	32.0	51.4	33.6	48.6	34.0
	47.8		45.1		42.2		41.6		42.2		42.5		41.3	

PRECIPITATION	Lewis-ton	Wawa-apt.	Wawa-wai	Ridge above Wawa.	Univ. Idaho	Pot-hatch	Har-ward	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Moscow Mtn.
April 1 - 8	0.11	0	0.02	0.05	0.04	0	0	0.04	0.13	0.08		0.08
" 9 - 15	0.07	0.74	0.35	0.26	0.41	0.24	0.30	0.36	0.46	0.58		0.70
" 16 - 22	0.83	0.73	1.20	1.39	1.19	0.89	0.67	0.74	0.62	0.84		) 5.16
" 23 - 30	0.65	0.66	0.33	0.50	1.06	1.33	1.22	2.09	1.80	1.54		
Totals	1.66	2.13	1.90	2.20	2.70	2.46	2.19	3.23	3.01	3.04		5.94

Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		REL. HUM. 2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	48	28	50	24	44	-	50	21	50	22	-	-	89%	54%
2	57	27	57	22	53	28	56	18	57	20	-	-	88	34
3	62	30	62	-	56	34	60	20	62	21	59	-	84	30
4	54	35	-	-	46	32	55	27	55	21	-	-	83	52
5	51	35/32	-	-	43	31	46	26	52	29	-	-	97	43
6	56	29	-	-	52	26	56	20	59	21	(Snow put pens out		98%	30%
7	58	26	-	22	51	30	59	20	62	22	of action)		78	34
8	54	29	52	-	44	31	53	27	56	27	-	-	70	45
9	54	26	53	21	48	27	54	23	55	24	-	-	85	50
10	53	38	54	34	49	34	53	32	56	35	-	-	82	60
11	57	32	57	27	48	30	53	28	57	27	53	31	98%	52%
12	51	27	53	22	46	30	52	27	56	23	52	31	82	38
13	51	38/34	52	36/33	42	30	50	33	56	36/34	52	35	91	49
14	43	32/31	45	31/29	45	24	42	30/28	47	32/26	43	29	100	42
15	50	26	52	19	41	21	46	19	54	17	48	25	99	33
16	47	27	48	23	41	26	46	24	51	20	48	28	85%	40%
17	57	29	56	22	49	27	56	22	60	22	55	32	89	43
18	55	36	55	34	49	32	52	30	54	35	50	36	97	62
19	40	34	40	32	34	28	40	31	40	33	37	31	100	96
20	41	32	42	30	34	24	40	29	42	31	39	29	100	74
21	45	30	45	28	38	23	43	28	49	28	45	28	98%	50%
22	54	29	58	22	50	26	57	22	60	22	54	28	89	39
23	56	27	60	22	51	32	60	21	61	21	57	29	82	37
24	58	30	58	26	52	35	59	26	59	26	56	35	87	56
25	51	40	53	37	42	31	52	33	51	38	50	36	98	64
26	51	36	52	33	44	28	50	31	53	33	50	34	97%	46%
27	45	29	44	28	38	32/27	43	28	46	37	44	34/31	100	78
28	40	28	36	28	30	26	35	30	38	30	36	30	100	73
29	42	32	41	31	36	27	38	30	43	32	40	30	99	73
30	46	32	47	30	40	25	44	28	46	30	44	30e	99	55
MONTH	50.9	30.7	51.5	26.9	44.5	28.5	50.0	26.1	52.9	26.9	49.4e	32.4e	91%	51%
AVE.	40.8		39.2		36.5		38.0		39.9		40.9e		71%	

SNOW DEPTHS Inches	Lewis- ton	Wawa- wai	Ridge above Wawa.	Univ. Idaho	Pot- latch	Har- vard	1 mi. of	S. G.P.	Emida Ridge	Bald Mtn.	Bovill 2½ mi.N.	Water content Bald Mtn.
April 1	0	0	0	T	T	T	3	24	75-96	T*	33	
" 8	0	0	0	0	0	0	0	13	-	T*	-	
" 15	0	0	0	0	0	0	0	T	-	T*	-	
" 22	0	0	0	0	0	0	0	T	-	T*	-	
" 29	0	0	0	T**	½	T	T	6½	85e	T*	-	

**2 inches maximum depth during week at Moscow; 1½" on Viola Hill, 29th.

**Snow in shade" (near Bovill)

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - APRIL 1967 3.

page 3

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Emida Ridge (N-S Ski Bowl)		Bovill (2½ mi. north)	
1	94%	38%	95%	49%	95%	50%	97%	53%	98%	51%	-	52%e	-	39%	99%	43%
2	88	27	77	35	92	36	99	33	74	38	100	37e	86	35	88	39
3	94	30	68	32	83	34	98	28	74	29	-	30e	68	29	84	30
4	71	48	76	42/54	89	57	98	46	89	42/45	-	-	99	50	100	44
5	94	31	98	40	100	36	98	39	100	38	-	-	100	46	100	64
6	98%	29%	88%	35%	95%	34%	97%	34%	94%	34%	-	-	100%	34%	98%	35%
7	100	28	81	41	86	38	100	33	60	34	-	-	91	32	99	33
8	65	36	65	43	74	49	98	43	80	42	100	45	87	49	98	39
9	88	37	76	47	79	52	98	45	76	50	100	49	92	52	100	46
10	95/98	51	96	52/64	98	64	97	57	100	52/65	96/100	53	94	59	99	52
11	98%	47%	100%	53%	100%	63%	100%	58%	100%	41%	100%	40%	100%	41%	100%	45%
12	89	29	65	31	72	38	97	33	88	36	100	37	97	38	100	36
13	92	48	88/95	40/54	98	56	95	45	98	48/55	100	51	100	57/74	99	51
14	88	30	94	33	87	40	99	37	100	34	100	40	100	49	100	41
15	90	39	85	37	97	42	93	35	92	31	98	35	98	33	97	34
16	92%	37%	68%	39%	71%	46%	98%	37%	70%	43%	98%	44%	83/98%	46%	99%	50%
17	95	41	68	42	86/93	52	88	42	75	40	100	38	97	35	99	40
18	100	49	78/97	59	100	65	97	60	92	53	100	54	100	64	100	50
19	90	76	98	86	100	96	100	89	100	100	100	78	100	84	100	74
20	98	68	99	75	100	84	100	70	100	85	100	65	100	60	100	59
21	99%	45%	97%	44%	99%	70%	98%	50%	98%	52%	99%	56%	83%	54%	99%	53%
22	99	35	78	33	91	40	97	39	80	33	100	37	95	34	98	32
23	99	31	78	33	76	41	98	34	72	30	99	35	68	26	99	32
24	93	45	73/80	52	86/97	52/65	98	51	89	48	99	50	61/90	38	99	34
25	96	49	88	60	95	66	95	64	98	66	99	62	100	73	99	52
26	87/88%	34%	83%	39%	78/92%	46%	97%	40%	96%	34%	99%	40%	99%	43%	99%	41%
27	98	52	93	68	100	78	96/100	74	100	68/72	99	69	86/99	71	100	72
28	97	-	94	60	98	62	100	69	100	87	100	88	99	87	100	73
29	97	57	96	75	98	62	99	76	100	89	99	86	100	88	100	90
30	89	38	97	41	100	52	98	49	98	54	100	53	100	48	100	48
MONTH AVE.	93%	42%	86%	49%	92%	54%	98%	49%	90%	50%	99%	49%	95%	50%	99%	48%
	68%		68%		73%		74%		70%		74%		72%		74%	

BALD MOUNTAIN RECORD - TEMPERATURE

RELATIVE HUMIDITY

Date	Max.	Min.	Date	Max.	Min.
1	38	-	9	40	27
2	44	29	10	43	33
3	46	33	11	41	32
4	41	31	12	38	28
5	33	28	13	35	29
6	42	26	14	28	21
7	45	33	15	-	19
8	38	28			

Date	High	Low	Date	High	Low
1	-	60%	9	90%	65%
2	90	53	10	88/100	73
3	80	39	11	100	58
4	100	68	12	100	53
5	99	92	13	98	72
6	98	56			
7	70	36			
8	100	62			

Clock stopped rest of month.

ADDITIONAL RECORDS

APRIL 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660* Genesee Flat		2900* Genesee Hill		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	48	27	45	33	56	32	59	34	81%	43%	100%	44%	-	-
2	55	24	53	31	61	30	67	32	89	29	100	31	-	-
3	61	29	60	33	68	36	70	35	81	20	100	26	-	-
4	53	32	51	38	61	39	65	40	87	44	100	42	-	-
5	50	36	48	35	57	42	60	43	87	41	100	35	-	-
6	57	27	56	31	62	36	67	36	89%	33%	100%	30%	-	-
7	59	25	58	34	64	35	68	36	89	31	100	26	-	-
8	52	30	52	37	60	41	64	40	77	34	99	34	-	-
9	52	23	50	33	59	34	64	36	82	37	100	38	-	-
10	54	36	52	38	58	41	62	43	82	60	98	46	-	-
11	55	30	53	33	60	38	62	39	98%	51%	100%	39%	100%	40%
12	55	27	51	35	62	34	66	37	96	30	100	31	97	34
13	54	38/34	50	37/32	58	44	61	46	73	49	99	41	97	43
14	44	32	42	29	51	36	55	40	91	36	99	33	100	33
15	48	27	47	27	56	29	60	31	95	30	100	28	94	31
16	50	23	48	31	54	31	58	33	85%	34%	100%	36%	91%	41%
17	55	32	54	32	61	33	65	34	94	44	100	32	80	38
18	52	38	50	38	56	40	60	42	99	61	99	58	97	60
19	38	33	36	32	46	39	49	42	95	80	100	86	99	87
20	40	32	38	30	45	39	48	37	100	75	100	70	98	67
21	45	32	44	31	52	37	57	39	96%	49%	100%	38%	97%	38%
22	53	30	53	31	56	29	60	31	95	30	100	32	92	35
23	55	27	55	34	64	34	67	36	91	29	100	23	90	28
24	55	31	54	37	64	38	65	39	80	44	100	38	82	48
25	49	39	48	38	59	44	63	46	93	56	100	53	96	50
26	50	33	49	33	56	39	60	42	99%	57%	100%	36%	96%	32%
27	47	32/30	45	35/29	52	37	57	38	98	72	100	71	90/99	71
28	38	27	37	27	47	34	50	36	98	56	100	78	97	74
29	42	32	41	31	50	43	50	43	96	61	100	66	96	63
30	44	33	41	30	52	39	55	42	86	43	100	50	94	47
MONTH	50.3	30.4	48.7	32.8	56.9	36.8	60.5	38.3	90%	45%	100%	43%	92%	44%
AVE.	40.4		40.8		46.8		49.4		68%		72%		68%	

Special Acknowledgments: -Dr. Alan Robertson for making available Moscow Mountain precipitation data;
 -Mr. Vern Thompson for making trips to Bald Mountain and servicing the instruments there;
 -Mr. Elden Loe for maintaining the Bovill records.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

MAY 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		1500'		2500'		2436'		2540'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	63	33	58	34	-	-	56	25	54	27	56	31	44	34
2	67	39	62	41	-	-	60	36	58	40	60	41	58	38
3	65	46	61	45	-	40	58	41	58	40	60	44	58	39
4	69	37	65	42	-	41	62	32	59	30	62	37	57	41
5	66	37	60	39	57	40	58	31	57	31	58	35	57	38
6	75	47	69	49	65	47	66	41	65	38	66	46	64	47
7	76	57	69	53	65	47	66	49	66	41	66	48	64	46
8	82	46	76	48	71	48	72	45	73	38	73	46	73	47
9	58	51/49	65/53	50/45	49	46/43	51	44	54	45	54	50/45	50	46/43
10	50	46/44	44	40	41	37	41	39	40	40	42	38	38	33
11	49	43	41	39	40	36	40	37	40	36	40	37	37	33
12	57	41	52	36	49	35	49	35	48	33	50	34	49	32
13	-	40	60	39	58	40	60	33	58	33	58	37	55	38
14	-	-	64	44	61	41	62	35	62	38	63	41	61	42
15	-	-	68	49	66	48	67	46	68	40	67	45	66	47
16	88	-	82	52	78	49	77	41	78	40	78	47	74	49
17	81	56	76	60	70	58	73	50	73	47	73	46	71	61/58
18	77	46	70	50	67	47	68	39	69	34	70	43	68	49
19	83	45	77	51	73	51	73	37	73	36	75	45	71	52
20	85	50	81	55	77	55	76	40	79	40	80	50	77	53
21	89	53	83	61	79	56	78	45	81	50	83	57	81	59
22	82	50	78	58	73	57	74	43	75	42	76	51	73	57
23	74	49	70	54	66	50	66	46	68	43	69	50	67	48
24	67	51	63	50	59	43	59	43	59	42	61	45	59	42
25	68	41	63	43	61	38	58	38	59	33	61	39	58	36
26	78	39	73	46	71	41	68	29	70	27	73	37	68	43
27	81	50	76	54	73	52	72	42	75	40	77	48	74	53
28	72	58	66	56	61	50	60	47	64	54	56	53	61	52
29	67	55	61	51	56	45	53	42	56	46	55	45	53	43
30	67	51	60	49	56	43	54	40	57	44	56	44	53	42
31	80	44	74	44	69	40	65	32	74	36	70	39	68	40
MONTH AVE.	71.9	46.3	66.3	47.6	62.6	44.9	63.0	39.5	63.5	38.8	64.1	43.4	61.5	44.3
	59.1		57.0		53.8		51.2		51.2		53.8		52.9	

	Lewis-	Wawa-	Ridge	Univ.	Pot-	Har-	1 mi. S.	Emida	Bald	Bovill	Moscow
	ton	wai	above	Idaho	latch	vard	of G.P.	Ridge	Mtn.	2 1/2 mi. N.	Mtn.
May 1 - 6	0.01	0.11	0.18	0.13	0.19	0.17	0.08	0.35	0.36	0.15	not
" 6 - 13	0.93	-	1.50+	1.45	2.09	1.78	1.75	1.73	not	1.80	yet
" 13 - 20	0	0	0	0	0	0	0	0	yet	0	avail-
" 20 - 27	0	0	0	0	0	0	0	0	avail-	0	avail-
" 27 - 31	0.23	-	-	0.30	0.24	0.28e	0.30	0.30	able	0.26	able
Totals	1.17	-	-	1.88	2.52	2.23	2.13	2.38	--	2.21	--

Wawawai station moved 1 mile north (to original location occupied prior to July 24, 1965) on May 16th. Rain gauge at Wawawai put out of commission by bullets on May 6th. Rain gauge on Wawawai Ridge put out of action by horse at same time.

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Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		REL. HUM. 2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	54	28	55	23	49	28	50	29	55	21	51	28	97%	42%
2	59	40	58	35	50	33	53	30	62	33	59	37	91	42
3	59	40	59	36	51	30	57	32	60	36	56	38	95	43
4	60	31	59	26	51	33	56	24	63	26	59	34	93	44
5	56	32	58	30	54	30	61	27	62	27	58	30	98	59
6	67	39	65	37	57	38	62	33	68	36	65	42	85%	42%
7	65	47	66	37	62	40	62	38	69	41	65	45	87	33
8	72	34	72	30	69	40	71	29	74	31	71	46	59	30
9	54	45	54	42	48	44/40	56	36	56	45	53	47/44	100	70
10	46/42	37/35	44/40	34	40/35	32/31	48/43	43/38	44/40	37	43/38	34	99	79
11	40	33	40	32	34	28	41	32	42	32	39	31	99%	75%
12	49	35	52	33	45	28	51	32	52	33	48	31	100	60
13	57	32	57	33	50	32	55	33	56	30	53	34	96	51
14	62	34	62	28	58	35	59	28	63	27	59	36	96	43
15	65	38	66	33	60	37	65	33	67	33	64	42	88	44
16	77	39	77	32	75	42	75	30	76	31	76	42	89%	38%
17	71	48	72	39	67	53	71	36	72	37	69	51	73	43
18	68	36	70	30	67	39	68	29	69	30	66	42	67	36
19	72	37	74	32	68	47	71	30	73	32	69	42	70	37
20	79	38	80	34	74	47	79	32	79	33	77	46	87	35
21	81	46	83	39	79	49	82	36	83	37	80	51	75%	38%
22	74	43	77	39	71	53	75	38	75	39	72	49	66	48
23	67	41	69	37	64	42	68	35	70	35	66	46	58	36
24	59	38	61	33	54	37	58	29	63	31	58	40	74	50
25	59	31	62	27	53	28	59	24	61	25	58	31	72	45
26	70	27	72	26	69	33	71	25	73	26	70	38	80%	32%
27	75	40	78	38	70	48	76	33	76	36	72	44	72	35
28	65	47	68	44	62	44	64	41	67	44	64	48	75/98	50/68
29	54	45	53	45	47	37	51	43	53	44	51	42	98	68
30	56	44	61	44	51	36	55	40	57	42	55	41	88	60
31	70	32	71	30	65	35	67	30	71	32	67	34	97	44
MONTH AVE.	63.2	37.9	64.2	34.1	58.4	37.8	62.3	32.4	64.7	33.6	61.6	40.0	85%	47%
		50.6		49.2		48.1		47.4		49.2		50.8		66%

SNOW DEPTHS Inches	Univ. Idaho	Emida Ridge	Bald Mtn.	Bovill 2½ mi. north
May 6	0	0	75e	0
" 13	0*	6½	-	Te **
" 20	0	0	-	0
" 27	0	0	-	0

*0.2" on morning of May 11 at Moscow.
**2.5" " " " " " Bovill.

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon		2500' Ridge above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2590' Harvard Valley Flat		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	98%	35%	87%	41%	96%	47%	98%	46%	91%	40%	98%	45%	96%	48%	96%	46%
2	96	31	83	37	96	44	94	43	95	41	98	45	98	44	99	45
3	82	41	76	48	96	53	92	45	82	42	98	38	100	36	98	34
4	98	34	89	43	99	47	100	46	86/45	49	99	41	83/100	42/48	97	42
5	98	42	99	53	100	56	100	58	100	57	100	60	100	46	100	37
6	91%	34%	73%	38%	-	48%	98%	43%	76%	44%	98%	46%	97%	51%	99%	44%
7	64	29	63	33	83	38	97	36	91	36	98	40	100	45	98	36
8	89	18	56	23	63	30	96	26	65	22	98	27	74	22	99	25
9	97	77	100	35/83	100	70/81	94	77	100	55/91	96	45/73	100	30/85	98	60
10	98	63	99	68	98	75	100	84	100	97/99	99	90	100	99	99	90
11	99%	68%	96%	77%	98%	87%	98%	92%	100%	99%	100%	89%	100%	99%	100%	77%
12	98	56	99	54	98	68	100	71	100	57	98	48	100	58	99	44
13	100	48	92	43	96	52	100	50	95	43	98	52	100	56	99	48
14	-	-	78	37	92	46	98	45	80	38	100	45	99	49	99	42
15	-	-	78	43	85	51	99	43	83	43	100	46	100	46	100	40
16	-	28%	73%	31%	91%	37%	99%	33%	76%	31%	100%	30%	99%	27%	100%	28%
17	95	34	78	38	81	46	97	40	54	38	99	40	80	38	100	37
18	100	37	68	42	74	48	100	37	57	36	100	42	96	37	100	31
19	98	28	70	36	80	38	100	34	60	33	100	34	77	42	100	35
20	94	27	62	31	83	37	98	27	61	25	99	30	78	38	100	28
21	95%	32%	58%	36%	81%	44%	93%	33%	52%	32%	100%	35%	84%	41%	100%	30%
22	97	34	63	39	70	46	98	38	55	36/39	100	42	74	53	99	36
23	74	24	48	27	56	33	93	30	48	28	100	32	77	38	100	26
24	67	38	60	28/38	84	49	80	40	77	40	100	40	94	48	100	36
25	88	33	69	36	73	42	87	37	73	39	100	38	99	53	99	32
26	99%	22%	59%	27%	73%	30%	100%	26%	52%	28%	100%	30%	93%	33%	100%	26%
27	90	30	61	35	72	40	96	33	54	33	100	34	85	40	100	26
28	86/96	55/71	77/100	68	97	47/70	80/97	65	78/97	40/71	99	59	100	53/68	99	48
29	96	40	87	42	91	51	98	48	96	49	100	60	100	69	100	56
30	88	41	74	50	80	52	92	52	82	54	98	54	100	58	99	52
31	100	38	93	44	91	47	98	42	91	40	100	49	100	53	100	43
MONTH AVE.	92%	39%	78%	44%	86%	49%	96%	46%	78%	46%	99%	46%	94%	51%	99%	41%
	66%		61%		68%		71%		62%		72%		72%		65%	

Wawawai station moved 1 mile north (to original location occupied prior to July 24, 1965) on May 16th.

"Weathermeasure" hygrothermograph installed at Wawawai Canyon station on May 28th.

New "Weathermeasure" hygrothermograph placed at Ridge above Wawawai station on May 6th, replacing similar instrument.

New "Weathermeasure" hygrothermograph already had been in service at Wawawai; all other stations provided with Kahl Scientific Instrument Corp. hygrothermographs, all of which seem to show good relative humidity responses. (Three Kahl instruments showing inadequate humidity responses had been taken out of service in Dec. 1966)

ADDITIONAL RECORDS

MAY 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660' Genesee Flat		2900' Genesee Hill		1416' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)		1416' Lewiston Airport (Weather Bureau)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	54	26	53	30	61	32	64	33	93%	37%	100%	39%	96%	38%
2	58	37	56	39	66	42	71	43	84	33	99	32	96	36
3	57	40	56	39	65	43	68	47	87	39	98	33	93	33
4	59	32	58	39	66	43	71	42	89	35	100	31	92	32
5	56	30	55	37	65	38	69	39	98	44	100	43	99	43
6	65	38	64	45	75	48	78	52	77%	33%	99%	39%	94%	37%
7	66	46	65	45	78	50	78	50	80	15	97	33	89	33
8	73	36	72	47	80	43	85	45	82	19	100	23	60	23
9	53	47/44	54	48/44	62	50	67	54	89	65	98	65	100	65
10	40	37	42/37	36	50	45	53	47	90	75	100	90	100	95
11	44	35	42	33	54	40	58	42	98%	59%	100%	84%	100%	89%
12	47	33	47	32	57	40	59	41	100	54	99	44	100	46
13	56	32	56	37	64	40	68	42	97	45	100	46	98	51
14	60	34	60	38	68	42	72	42	87	37	100	38	96	41
15	65	44	64	45	73	49	78	48	87	38	100	38	92	43
16	78	37	73	45	82	49	85	47	80%	36%	100%	27%	98%	32%
17	72	47	70	54	80	55	83	54	82	35	99	35	80	43
18	68	35	67	44	75	47	79	47	76	25	100	29	90	40
19	72	35	72	47	79	47	83	46	89	23	100	30	98	38
20	78	38	77	47	83	50	87	47	83	22	100	25	82	34
21	80	44	81	52	88	53	93	50	79%	26%	99%	28%	80%	38%
22	75	42	73	55	83	54	86	53	83	28	99	35	96	46
23	67	44	65	48	75	51	79	49	68	16	99	25	77	32
24	58	44	57	42	67	51	70	48	56	27	99	31	80	45
25	59	35	58	36	67	45	71	42	54	23	100	29	83	41
26	70	29	69	36	76	39	79	38	79%	19%	100%	22%	73%	30%
27	73	41	73	48	79	51	83	50	61	22	99	31	88	25
28	61	49	60	49	69	57	66	54	83	47	98	48	84/98	41/53
29	53	45	50	43	60	48	62	49	93	55	100	57	99	53
30	52	43	50	42	60	48	62	48	85	45	98	51	96	49
31	68	38	68	40	77	44	78	44	95	35	100	41	99	38
MONTH AVE.	62.5	38.4	61.4	42.4	68.5	44.7	71.7	44.6	80%	34%	99%	39%	91%	43%
		50.4		51.9		56.6		58.2		57%		64%		67%

Hygrothermograph on hilltop near subalpine fir meadow showed drifting of 5% to 10% in maximum relative humidities during the course of the past two months. This instrument was replaced by that at subalpine fir meadow (which showed excellent response) on the 27th.

As a result of the plus 5% to 10% corrections which were added to the hilltop near subalpine fir meadow humidity records this month, the minimum relative humidities may now be too high, at least in comparison with those at the subalpine fir meadow.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

JUNE 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		1500'		2500'		2436'		2540'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		3150' Viola Hill	
1	88	54	82	57	77	52	75	46	80	52	81	54	77	59
2	80	57	73	59	69	53	67	45	72	52	71	54	69	52
3	66	52	62	54	57	52	55	37	57	41	57	48	54	51
4	77	47	70	48	67	45	65	41	67	47	68	48	64	48
5	83	45	77	49	74	49	72	35	75	37	76	43	74	52
6	82	56	75	59	72	55	72	49	70	50	71	57	68	55
7	80	58	73	54	70	49	71	48	70	47	71	50	69	48
8	80	55	73	53	70	47	71	43	71	43	71	49	69	47
9	78	55	73	52	69	46	68	49	69	50	70	51	67	48
10	76	55	70	55	65	49	68	45	67	43	66	50	59	48
11	75	47	69	51	67	47	65	49	66	49	65	50	63	46
12	70	51	61	49	60	48	63	43	65	44	63	49	61	48
13	81	49	74	48	72	46	72	39	74	38	72	43	70	47
14	87	53	79	53	77	48	77	42	78	42	78	46	74	55
15	91	56	84	58	81	54	81	46	82	50	82	56	78	59
16	95	58	88	63	85	47	84	47	86	48	86	56	83	60
17	91	62e	88	67e	80	61	82	50	83	51	82	60	80	66
18	97	62	91	63	84	57	85	49	88	58	88	59	85	60
19	97	61	92	68	88	65	86	50	89	52	89	61	85	70
20	99	59	93	65	89	61	87	50	90	50	90	58	86	69
21	86/73	63	82/67	60	76/60	53	69/63	59/56	68/62	60/56	72/60	59/56	79/58	57/53
22	79	52	72	51	67	48	67	47	69	46	66	48	64	48
23	82	56	77	57	70	50	72	46	83	47	73	50	68	52
24	87	54	80	58	76	50	77	42	76	43	78	49	74	57
25	91	56	84	61	80	54	81	45	84	44	84	53	80	59
26	96	59	89	64	86	57	85	46	88	45	88	55	84	64
27	85	69	77	63	75	57	77	59	76	58	76	59	72	56
28	93	59	85	57	84	55	83	51	83	45	83	53	80	57
29	94	60	84	62	84	61	82	48	81	45	82	54	78	60
30	94	55	86	59	83	57	82	40	80	38	82	50	76	56
MONTH AVE.	84.9	55.8	78.3	57.2	74.6	52.4	74.5	46.1	76.0	47.0	75.6	52.3	72.3	55.0
	70.4		67.8		63.5		60.3		61.5		64.0		63.6	

PRECIPITATION	Lewis-ton Apt.	Wawa-wai	Ridge above Wawa-wai	Univ. Idaho	Pot-latch	Har-ward	1 mi. S. of G.P.	Brida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Moscow Mtn.
June 1 - 3	0.07	-	-	0.21	0.24	0.28	0.41	0.46	0.41	0.44	not
" 3 - 10	0.07	-	-	0.22	1.63+	1.31	0.66	0.54	0.76	0.14	yet
" 10 - 17	0.49	-	-	0.80	1.44+	0.31	0.22	0.56	0.67	1.03	avail
" 17 - 24	1.30	1.03	1.12	1.14	0.79	0.97	0.69	0.64	0.67	0.88	able
" 24 - 30	0	0	0	0	0	0	0	0	0	0	
Totals	1.93	--	--	2.39	4.10+	2.87	1.98	2.20	2.51	2.49	--

REL. HUM.

Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	79	35	80	43	74	45	78	38	80	45	75	53	62/93%	35%
2	68	49	72	47	66	45	70	44	72	43	69	49	99	32
3	54	37	54	36	48	44	53	32	55	32	56	46	99	65
4	66	47	66	46	56	41	64	44	64	45	62	45	99	50
5	74	36	76	34	73	42	75	31	77	33	72	44	95	41
6	72	49	68	45	68	54/50	65	47	65	47	65	43	97%	60%
7	68	45	68	44	64	45	66	45	70	41	68	47	95	45
8	69	41	70	39	66	45	70	37	72	35	69	48	88	50
9	66	49	67	47	60	47	67	45	69	45	68	51	98	48
10	64	42	63	39	55	44	62	38	67	36	65	47	90	54
11	65	48	65	48	60	41	66	46	66	43	64	47	96%	55%
12	64	45	64	43	59	44	63	40	64	42	62	46	100	66
13	72	42	71	41	68	45	66	37	68	34	67	42	100	54
14	78	41	80	36	73	48	76	32	78	33	75	44	95	37
15	80	48	81	40	76	54	81	37	82	36	80	52	78	34
16	84	48	84	42	80	56	84	40	86	39	83	54	82%	36%
17	80	51	79	46	77	56	83	43	80	42	80	56	74	45
18	85	52	86	43	78	52	84	40	87	38	85	57	86	36
19	88	49	88	46	82	57	88	44	89	43	87	60	68	36
20	86	50	86	46	84	59	87	45	89	43	87	59	74	37
21	65/62	69/57	70/60	59/55	78/59	56/52	70/62	58/55	68/60	58/55	77/60	57/54	100%	52/84%
22	66	49	70	48	63	45	68	50	69	46	67	47	100	61
23	70	49	72	45	70	47	73	43	73	41	70	49	97	46
24	76	41	83	38	76	50	76	36	78	35	75	46	93	39
25	82	44	83	38	76	55	80	37	82	36	81	50	83	30
26	86	47	87	40	82	59	85	39	86	38	84	54	75%	34%
27	74	57	75	52	68	53	71	45	74	53	72	57	86	45/55
28	80	45	81	39	76	51	79	39	81	37	80	51	79	40
29	80	46	81	41	77	58	80	40	81	39	80	55	72	39
30	79	40	81	36	74	57	80	35	80	33	78	50	62	32
MONTH AVE.	73.9	46.0	74.7	42.8	69.6	49.6	73.4	40.8	74.8	40.6	72.9	50.4	88%	48%
		60.0		58.8		59.6		57.1		57.7		61.6		68%

Bald Mountain Lookout
Elev. 5330 feet

Date	Max.	Min.
25	70	54
26	76	59
27	62	46
28	69	48
29	70	55
30	69	55

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - JUNE 1967 3.

page 3

Date	675*		1500*		2500*		2540*		3150*		2590*		3700*		2880*	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Wawawai Canyon		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Viola Hill		Harvard Valley Flat		Enida Ridge (N-S Ski Bowl)		Bovill (2 1/2 mi. north)	
1	94%	32%	72/93%	34%	74/92%	44%	57/95%	34%	57/88%	34%	97%	41%	92/100%	40%	99%	35%
2	98	33	80	38	92	39	78/91	40	95	40	100	44	100	38	100	34
3	99	54/61	77/96	47/69	78/96	49/61	98	77	99	79	100	80	100	90	100	72
4	100	37	99	42	97	46	100	48	99	52	99	53	100	63	99	49
5	97	30	89	31	85	28*	100	40	76	42	100	46	99	37	100	37
6	97%	36%	79%	43%	84%	37/43	95%	55%	99%	48/50%	100%	56%	79/100%	40%	99%	50%
7	85	36	72	39	83	38	98	42	90	44	100	50	97	49	99	48
8	82	41	75	45	79	45	98	47	90	54	100	54	77/87	49	100	46
9	97	35	100	36	100	36	97	48	100	50	100	55	99	60	100	51
10	95	42	82	44	88	47	99	48	96	50	100	62	98/100	67	100	57
11	86%	42%	90%	42%	88%	43%	98%	45%	98%	44%	99%	50%	100%	42%	99%	38%
12	100	56	100	61	100	65	99	61	100	69	99	66	96/100	54	100	54
13	99	36	93	33	98	40	100	42	100	41	100	47	99	37	100	56
14	97	30	83	29	92	32	99	38	75	35	100	36	85	29	100	32
15	96	28	74	26	78	32	98	37	64	35	100	41	78	33	100	34
16	96%	24%	67%	28%	76%	31%	98%	33%	62%	31%	100%	39%	65%	36%	100%	30%
17	96	33	70	37	70	42	99	36	61	38	100	43	75	38	100	32
18	90	31	77	36	78	41	78	38	70	36	99	38	95	40	100	33
19	96	23	68	25	62	30	99	31	60	32	99	33	88	31	100	29
20	98	23	77	28	62	31	99	35	67	32/38	99	39	71	34	99	32
21	97%	57%	97%	60%	100%	45/74	100%	83%	100%	39/96%	97%	92%	100%	44/98	99%	90%
22	96	41	86	46	95	48	97	56	95	58	99	56	100	53	99	48
23	98	32	88	36	96	41	99	44	94	45	100	46	100	27	100	35
24	97	27	74	25	88	32	100	39	68	35	99	43	76	31	100	38
25	96	20	65	21	75	29	98	32	55	33	99	38	69	31	100	32
26	94%	22%	63%	25%	73%	35%	98%	30%	54%	29%	100%	34%	69%	31%	100%	29%
27	70	39	75	-	85	47	87	52	90	48	94	54	93	50	99	41
28	94	24	79	-	92	34	98	37	76	34	100	37	89	33	100	37
29	94	23	68	21	73	27	98	34	74	30	100	33	74	38	100	32
30	85	19	53	18	50	26	99	30	56	31	100	31	-	29	100	26
MONTH AVE	94%	34%	80%	36%	84%	40%	97%	44%	82%	44%	99%	48%	89%	44%	100%	42%
	64%		58%		62%		70%		63%		74%		66%		71%	

Bald Mountain Lookout
Elev. 5330 feet

Date	High	Low
25	68%	44%
26	69	43
27	92	62
28	87	40
29	77	27
30	45	25/28

*Ridge above Wawawai:
New Weathermeasure hygro-thermograph replaced by Kahl instrument (with excellent humidity response) on the 5th; Weathermeasure instrument had been reading 6% to 8% too high at time of daily minimum humidity.

New Weathermeasure hygro-thermograph in use on Bald Mountain, following necessary adjustments in relative humidity linkage. Response now believed to be good (extensive tests made).

ADDITIONAL RECORDS

JUNE 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660 [†] Genesee Flat		2900 [†] Genesee Hill		1416 [†] Lewiston Airport (Weather Bureau)		760 [†] Lewiston Downtown (Tribune Office)		1416 [†] Lewiston Airport (Weather Bureau)		2635 [†] Subalpine Fir Meadow		2865 [†] Hilltop near Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	77	50	75	53	84	55	86	51	67%	28%	93%	35%	62/93%	35%
2	70	50	71	50	79	55	82	55	80	28	100	34	99	32
3	60	39	60	47	67	50	70	48	81	42	100	64	94	65
4	62	47	63	46	74	48	76	50	95	38	99	51	99	50
5	71	34	70	44	79	47	83	45	92	31	100	40	95	41
6	67	54	64	52	76	59	78	60	83%	46%	98%	47%	95%	58%
7	69	45	68	47	76	54	79	53	82	38	99	42	99	45
8	69	44	69	47	77	54	82	53	80	39	100	45	95	50
9	66	51	67	50	76	55	79	56	97	38	99	49	99	52
10	64	43	64	49	73	53	77	52	90	45	99	50	96	51
11	62	48	63	47	70	51	72	52	86%	41%	99%	38%	100%	39%
12	62	44	60	48	68	53	72	52	93	49	99	60	100	61
13	68	35	65	43	77	46	82	45	96	39	100	52	100	52
14	76	37	76	47	83	48	87	47	98	29	100	37	99	38
15	80	44	79	54	88	54	93	52	89	22	100	34	85	37
16	84	44	84	57	91	58	96	54	78%	22%	99%	33%	87%	34%
17	80	47	80	59	87	61	90	58	70	31	99	37	85	40
18	86	54	86	55	94	61	98	58	70	22	100	31	79	34
19	85	53	85	61	95	63	99	59	70	22	100	30	74	38
20	88	48	88	60	95	61	100	59	69	22	98	33	80	41
21	72/61	59/54	73/58	57/53	66	60	68	60	99%	73%	98%	60/90%	100%	45/93%
22	66	47	64	47	72	56	77	55	87	46	99	49	99	53
23	70	46	69	48	78	54	82	53	94	31	100	40	99	40
24	75	41	74	50	83	54	88	54	81	26	100	36	96	35
25	80	42	81	53	88	55	92	54	77	21	100	33	94	35
26	85	43	86	56	93	59	96	55	65%	19%	100%	30%	90%	32%
27	74	59	73	57	82	65	85	64	58	33	85	51	88	46/53
28	82	44	82	54	89	57	92	56	75	24	100	36	98	39
29	81	47	81	58	91	60	96	58	70	18	100	34	91	32
30	79	40	80	57	89	55	93	54	66	12	100	29	80	32
MONTH AVE.	73.3	45.8	72.8	51.6	81.3	55.3	85.0	54.1	81%	32%	99%	42%	93%	45%
	59.6		62.2		68.3		69.6		56%		70%		69%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		1500'		2500'		2436'		2540'		2610'		3150'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	95	55	89	63	82	56	83	40	85	36	82	50	77	65
2	102	57	96	67	90	61	90	42	93	41	92	54	86	64
3	105	61	100	70	97	66	92	48	95	47	94	59	90	69
4	98	66	92	70	89	65	87	53	87	47	86	59	85	64
5	94	66	89	68	85	64	84	52	83	49	82	58	81	62
6	91	61	85	61	81	58	80	50	80	45	78	54	76	56
7	91	60	85	59	80	55	81	53	81	39	80	50	77	53
8	85	60	80	62	75	59	76	44	74	42	75	54	71	59
9	87	59	80	56	75	50	76	45	74	44	74	52	72	52
10	94	53	89	58	81	54	84	38	84	37	83	48	80	60
11	103	58	98	67	92	62	91	44	92	41	91	53	88	67
12	114	64	108	73	107	71	105	50	105	52	103	61	103	78
13	100	76	97/92	73	91/87	67	89	66	88	58	87	65	89/85	65
14	98	66	90	66	84	62	87	48	86	44	85	55	82	60
15	103	58	96	65	93	61	92	41	91	38	92	50	89	67
16	98	64	91	68	87	66	90	45	84	43	85	57	84	65
17	96	68	90	68	86	61	86	61	83	60	84	62	82	62
18	92	65	85	63	81	57	82	56	80	48	80	56	78	56
19	89	66	82	62	79	56	80	51	77	43	76	55	75	53
20	89	64	83	63	79	57	80	47	75	46	76	54	75	56
21	91	62	83	62	79	57	80	45	79	40	79	53	76	56
22	99	55	91	62	87	57	86	38	86	33	85	48	82	59
23	104	60	98	69	93	65	92	45	91	41	90	54	88	68
24	103	65	95	70	93	67	92	50	91	46	90	60	89	70
25	100	69	91	70	88	65	90	60	87	49	87	59	86	63
26	96	69	87	67	84	61	85	50	83	46	82	58	81	59
27	98	62	91	62	86	57	88	44	88	41	87	53	84	59
28	104	58	97	67	93	62	96	42	95	38	93	54	91	64
29	99	64	92	68	88	62	89	54	88	48	88	61	86	62
30	-	-	91	67	87	63	87	44	87	41	85	53	85	61
31	-	-	85	67	82	62	83	46	81	42	80	55	79	59
MONTH AVE.	96.9	62.4	90.4	65.6	86.2	62.9	86.3	47.8	85.6	44.0	84.9	55.3	82.3	61.7
	79.6		78.0		74.6		67.0		64.8		70.1		72.0	

PRECIPITATION	Lewis-ton	Wawa-apt.	Wawa-wai	Ridge above Wawa.	Univ. Idaho	Har-ward	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Freezeout Mountain
July 1 - 8	0	0	0	0	0	0	0	0	0	T	-
" 9 - 15	0	Te	Te	T	0	0	0	0	0	0.11	-
" 16 - 22	0.03	0.02	T+	0.06	0.05	0.07	0.08	0.11	0.09		0.24
" 23 - 31	0	0	0	T	0	0	0	0	0		0
Totals	0.03	0.02	T+	0.06	0.05	0.07	0.08	0.11	0.20		0.24

Note: additional stations may have had a trace during the weeks of July 9 - 15 and 23 - 31

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Date	2510* Potlatch Valley Flat		2590* Harvard Valley Flat		3700* Brida Ridge (N-S Ski Bowl)		5330* Bald Mountain Lookout		2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	82	40	83	36	78	56	75	54	84	33	85	31	84	49
2	90	43	90	38	87	60	81	62	90	37	92	34	91	56
3	92	46	91	41	88	64	82	67	91	39	92	40	91	60
4	85	47	86	43	81	61	73	55	84	40	85	41	84	53
5	82	52	83	43	78	60	69	53	80	41	81	41	81	56
6	77	40	78	36	75	54	65	49	77	32	77	36	77	52
7	77	37	79	35	75	52	67	48	78	31	78	33	77	46
8	74	44	74	39	69	57	64	50	74	34	74	35	74	50
9	73	44	74	43	71	46	63	41	72	37	73	34	73	48
10	84	38	84	34	77	50	71	52	83	30	83	31	83	46
11	90	42	90	38	88	58	81	60	90	36	92	36	91	53
12	102	49	101	46	100	64	92	68	102	43	103	45	100	62
13	86	60	86	56	88/83	65	77	58	85	52	87	53	89	66
14	84	40	84	37	80	57	76	59	86	37	86	39	85	55
15	91	37	93	34	89	59	82	62	88	32	91	33	91	53
16	86	43	88	41	86	65	80	68	89	38	88	40	88	55
17	82	60	85	58	81	57	72	54	80	56	84	58	84	59
18	79	45	82	44	77	51	70	48	79	37	81	41	82	55
19	76	46	78	44	75	52	68	45	74	39	78	39	79	54
20	76	45	78	42	74	55	69	52	76	43	78	45	79	53
21	77	43	80	40	75	54	68	50	76	40	80	38	79	52
22	85	35	87	35	83	54	75	53	84	31	86	31	86	49
23	89	42	92	38	86	60	77	58	88	37	90	37	90	56
24	89	46	92	43	88	66	79	63	90	39	92	39	92	54
25	87	47	90	46	85	63	77	59	88	40	89	40	89	60
26	82	45	84	42	80	59	72	52	83	38	84	39	84	55
27	85	40	88	39	86	58	76	56	87	37	89	39	89	56
28	93	37	93	35	91	64	82	59	92	33	94	32	95	54
29	86	42	89	41	86	61	77	58	87	40	90	40	89	57
30	85	36	87	35	85	59	77	55	86	36	87	34	87	57
31	80	41	83	39	79	58	70	53	80	35	82	36	80	55
MONTH AVE	84.1	43.6	85.5	40.4	81.8	58.0	74.4	55.5	84.0	37.8	85.4	38.4	85.3	54.4
	63.8		63.0		69.9		65.0		60.9		61.9		69.9	

Freezeout Mountain (Elev. c. 6,000 feet)	Date	Max.	Min.	Date	Max.	Min.	Date	Max.	Min.
	16	80	-	21	63	50	26	72	54
	17	62	51	22	71	46	27	73	50
	18	68	50	23	75	53	28	79	57
	19	66	49	24	79	58	29	74	59
	20	67	50	25	77	60	30	-	58

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - JULY 1967 3.

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Date	675 [*] Wawawai Snake River Canyon		1500 [*] Wawawai Canyon		2500 [*] Ridge above Wawawai		2540 [*] S. Palouse Flat (1 mi. S. of Moscow)		3150 [*] Viola Hill		2590 [*] Harvard Valley Flat		3700 [*] Tunda Ridge (N-S Ski Bowl)		2880 [*] Bovill (2½ mi. north)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	88%	23%	55%	24%	53%	28%	100%	30%	42%	33%	100%	33%	59%	31%	100%	29%
2	90	21	56	22	54	26	100	31	45	30	100	29	60	31	100	28
3	90	17	56	20	52	23	100	27	42	25	100	30	58	29	99	24
4	64	26	48	25	42	26	99	31	48	30/32	100	32	56	34	99	30
5	70	22	54	14	47	20	97	33	60	30	99	35	64	33	99	32
6	70%	28%	62%	24/25%	52%	20/27%	95%	34%	60%	22/33%	100%	31%	70%	32%	100%	28%
7	68	31	58	31	50	28/32	100	35	60	32/37	100	35	65	31/43	100	33
8	72	39	59	37	56	36	99	40	66	46	100	43	81	56	100	37
9	75	32	65	32	67	32	98	35	85	36	98	34	97	37	100	35
10	89	28	59	29	57	33	98	30	50	34	99	32	69	38	100	29
11	90%	20%	56%	20%	55%	24%	98%	28%	50%	28%	99%	30%	69%	31%	100%	29%
12	86	21	55	19	50	21	96	23*	52	22	98	25	70	27	99	23
13	78	23	56	24	55	26	92	31	66	29	95	33	73	35	97	33
14	67	22	56	21	55	24	97	29	61	28	100	28	62	29/35	100	25
15	71	19	41	19	38	24	100	22	39	23	100	23	60	29	100	23
16	78%	30%	52%	28%	48%	30%	97%	32%	55%	22/32%	98%	35%	60%	31/38%	100%	35%
17	97	11	86	13	97	17	96	26	95	18	97	28	100	28e	99	30
18	65	20	63	24	65	25	85	32	69	16/25	98	30	92	28	100	27
19	56	30	61	36	61	34	92	36	72	25/35	98	36	81	40	99	34
20	66	29	63	35	63	36	96	39	66	40	100	40	76	47	98	36
21	68%	27%	63%	31%	64%	42%	98%	32%	68%	31%	99%	32%	79%	37%	100%	32%
22	75	-	49	19	47	21	99	25	44	26	99	27	70	26	100	24
23	70	-	44	22	40	24	99	27	37	27	100	27	55	25	100	25
24	73	-	51	25	44	25	98	30	52	28	99	29	57	28	100	27
25	68	-	57	22	54	23	97	30**	63	27	99	29	62	30	100	27
26	80%	-	69%	34%	71%	26/34%	94%	39%	85%	27/38%	99%	37%	75%	25/40%	100%	34%
27	75	-	68	21	67	23	100	32	74	27	100	31	70	30	99	25
28	65	-	41	20	38	22	98	27	38	23	100	25	53	25	100	22
29	-	-	47	22	42	27	94	29	46	26	99	27	50	27	99	25
30	-	-	42	26	41	27/29	95	30	45	26/27	100	27	57	27/31	100	32e
31	-	-	60	38	67	37/41	97	37	66	36/39	100	34	78	45	100	39
MONTH	75%	25%	57%	25%	55%	27%	97%	31%	58%	30%	99%	31%	68%	33%	99%	29%
AVE.	50%	41%	41%	64%	44%	65%	50%	64%								

*Psychrometer 18% at 3:30 p.m. at Univ. of Idaho, Moscow, when air temperature at maximum of 103 (July 12); **Psychrometer 23% at 5 p.m., July 25, at Univ.

Freezeout Mountain (Elev. c. 6000 feet)	Date	High	Low	Date	High	Low	Date	High	Low
	16	-	32%	21	84%	45%	26	62%	37/42%
	17	100%	24/32	22	72	-	27	85	37
	18	60	31	23	46	29	28	60	27
	19	59	41	24	46	34	29	48	36
	20	72	47	25	44	35	30	48	36/-

ADDITIONAL RECORDS

JULY 1967

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2660* Genesee Flat		2900* Genesee Hill		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)		1416* Lewiston Airport (Weather Bureau)		2635* Subalpine Fir Meadow		2865* Hilltop near Subalpine Fir Meadow		2900* Genesee Hill	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low	High	Low
1	83	36	84	54	92	53	95	53	68%	13%	100%	30%	77%	34%	60%	31%
2	90	40	90	57	98	59	101	56	63	12	100	27	76	31	66	29
3	92	45	92	62	100	63	103	69	63	14	100	27	75	28	64	33
4	86	51	85	62	96	65	98	61	53	16	99	30	63	34	61	33
5	82	51	81	61	91	64	98	61	46	12	100	34	76	29	59	34
6	78	43	79	55	88	56	90	55	47%	15%	100%	33%	69%	34%	60%	32%
7	78	39	79	53	87	56	93	58	53	20	100	33	74	39	62	40
8	75	40	75	51	84	57	92	50	64	21	100	37	93	43	68	40
9	74	42	73	49	82	52	87	52	57	20	99	36	92	42	74	43
10	79	35	80	52	89	53	93	53	66	19	100	30	89	34	73	38
11	88	38	90	57	98	60	101	63	62%	17%	100%	27%	82%	30%	68%	35%
12	102	48	104	64	110	64	114	67	62	11	99	25	71	27	62	25
13	84	63	86	64	94	-	98	78	39	12	99	30	77	33	65	34
14	83	43	84	58	92	61	94	61	41	15	100	26	74	31	63	35
15	88	34	88	55	97	57	101	58	57	7	100	23	72	25	57	28
16	83	44	83	64	91	62	97	63	48%	17%	99%	32%	73%	39%	52%	39%
17	83	60	83	60	92	65	96	67	88	12	99	29	100	23	98	26
18	80	46	79	54	88	61	92	65	52	15	100	31	68	30	77	32
19	77	48	76	53	84	60	89	62	48	22	99	35	72	35	65	38
20	77	46	-	-	84	58	86	62	55	27	99	37	80	41	68	-
21	78	42	-	-	85	56	88	59	61%	23%	100%	33%	87%	34%	-	-
22	86	35	-	52	93	55	96	56	57	14	100	23	84	24	-	-
23	91	43	90	-	98	62	102	62	46	13	100	25	69	28	-	27
24	91	46	89	-	98	63	99	63	48	14	100	27	74	30	-	31
25	88	50	87	62	94	65	98	63	45	11	100	28	67	31	54	32
26	84	46	82	57	90	62	93	64	40%	21%	100%	34%	75%	40%	76%	34%
27	88	41	88	58	94	59	99	61	54	12	100	24	76	25	61	28
28	92	38	93	59	95	60	98	58	55	12	100	22	68	23	55	26
29	88	45	88	63	96	63	98	62	48	15	100	25	70	30	48	32
30	87	40	86	60	94	60	96	59	46	14	100	25	60	30	45	32
31	81	43	81	59	89	61	90	59	51	23	100	32	78	40	63	42
MONTH AVE.	84.4	43.9	84.4	57.6	92.4	59.7	96.0	60.7	54%	16%	100%	29%	76%	32%	71%	33%
		64.2		71.0		76.0		78.4		35%		64%		54%		52%

SPECIAL RECORDS ON EMIDA RIDGE (N-S SKI BOWL) - JUNE-JULY 1967

Part I. Comparison between regular station conditions in shelter five feet above the ground and in similar shelter at ground level, where the temperature element of the hygrothermograph is about six inches above the ground surface.

Date	Temperature				Relative Humidity			
	Five-foot Level		Six-inch Level		Five-foot Level		Six-inch Level	
	Max.	Min.	Max.	Min.	High	Low	High	Low
June 17	77	56	83	-	75%	38%	-	39%
" 18	78	52	86	50	95	40	90	41
" 19	82	57	88	56	88	31	89	31
" 20	84	59	90	59	71	34	71	35
" 21	78/59	56/52	70/59	55/51	100%	41/98%	52/100%	40/97%
" 22	63	45	67	43	100	53	100	52
" 23	70	47	73	44	100	27	100	32
" 24	76	50	78	43	76	31	93	33
" 25	76	55	82	46	69	31	84	32
" 26	82	59	86	52	69%	31%	92%	30%
July 3	88	64	92	-	58%	29%	-	32%
" 4	81	61	86	54	56	34	82	36
" 5	78	60	84	55	64	33	90	35
" 6	75	54	78	46	70%	32%	90%	35%
" 7	75	52	81	46	65	31/43	84	39
" 8	69	57	72	47	81	56	91	56
" 9	71	46	75	42	97	37	100	30
" 10	77	50	86	45	69	38	72	32
" 11	88	58	93	53	69%	31%	76%	28%
" 12	100	64	103	60	70	27	72	26
" 13	88/83	65	87	62	73	35	82	34
" 14	80	57	86	50	62	29/35	74	34
" 15	89	59	92	52	60	29	68	-
AVERAGE	78.3	55.2	82.9	50.3	76%	38%	86%	38%
	66.8		66.6		57%		62%	

SPECIAL RECORDS ON EMIDA RIDGE (N-S SKI BOWL) - JUNE 1967

Part II. Comparison between regular station and the highest point on the ridge, at the top of the ski tow.

Date	Temperatures				Relative Humidities			
	Regular Station		Top of Ski Tow		Regular Station		Top of Ski Tow	
	Max.	Min.	Max.	Min.	High	Low	High	Low
3	48	44	48	-	100%	90%	-	96%
4	56	41	56	42	100	63	100%	64
5	73	42	70	44	99	37	97	36
6	68	54/50	67	55/52	79/100%	48%	86/100%	49%
7	64	45	67	46	97	49	96	47
8	66	45	71	46	77/87	49	89/94	45
9	60	47	61	48	99	60	100	60
10	55	44	57	45	98/100	67	99	66
11	60	41	61	42	100%	42%	100%	42%
12	59	44	59	45	96/100	54	96/100	54
13	68	45	66	44	99	37	98	38
14	73	48	72	48	85	29	87	30
15	76	54	76	54	78	33	75	32
16	80	56	81	57	65%	36%	62%	36%
17	77	56	-	56	75	38	74	-
AVERAGE	65.5	46.8	65.1	47.8	92%	49%	92%	50%
	56.2		56.4		70%		71%	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

AUGUST 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

675' 1500' 2500' 2436' 2540' 2610' 3150'
 Wawawai Wawawai Ridge Union S. Palouse Moscow
 Snake River Canyon above Creek Flat (1 mi. University Viola
 Canyon (3 mi. SE) Wawawai Flat S. of Moscow) of Idaho Hill

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	96	59	89	63	86	61	87	43	87	39	85	53e	84	64
2	101	56	93	64	91	63	91	43	90	38	88	51	85	64
3	106	60	98	69	95	63	97	44	96	39	94	53	92	68
4	100	67	93	70	89	66	90	55	89	44	87	58	86	62
5	96	63	88	67	84	62	86	57	87	43	85	56	83	59
6	90	66	83	66	79	59	80	49	77	48	76	58	75	57
7	87	63	79	60	75	52	77	53	75	45	73	52	71	50
8	95	55	90	61	85	54	85	40	85	38	84	53	80	58
9	103	59	96	66	92	61	93	42	92	39	91	52	87	62
10	106	59	102	70	96	64	98	43	97	39	95	56	92	68
11	108	69	103	76	99	72	97	52	98	51	97	61	96	67
12	106	67	98	72	95	67	95	48	95	47	94	59	92	68
13	107	61	100	72	95	71	99	47	97	45	95	56	92	72
14	107	61	99	70	95	70	98	48	97	44	95	57	92	72
15	108	61	102	70	98	65	100	44	99	41	98	57	95	69
16	110	61	104	74	101	69	102	48	100	42	100	57	98	73
17	109	62	102	72	99	70	101	48	99	43	99	58	97	76
18	110	64	103	75	99	72	100	52	99	45	99	60	96	75
19	108	63	100	70	99	71	100	49	99	43	99	58	96	74
20	109	61	104	74	101	70	101	49	100	42	97	57	96	73
21	92	71	85	69	82	63	83	62	81	61/56	79	63	79	62
22	99	58	92	64	90	59	90	42	91	38	89	55	88	65
23	95	58	89	65	87	64	87	45	86	40	83	54	84	68
24	88	58	80	59	77	53	79	49	78	42	76	51	75	52
25	96	51	90	57	86	55	86	38	86	31	84	45	81	58
26	98	57	92	63	90	60	92	40	92	36	90	51	89	61
27	96	67	90	73	86	68	87	54	87	53	84	63	83	67
28	101	64	96	69	92	63	91	49	92	58	91	61	89	63
29	106	65	100	72	96	67	98	50	97	49	95	63	92	70
30	107	66	102	74	96	70	99	51	98	51	96	66	95	77
31	111	66	106	76	102	69	103	52	103	51	100	66	99	71
MONTH AVE.	101.6	61.9	95.1	68.5	91.5	64.3	93.0	48.0	91.6	43.9	90.2	56.8	88.4	66.0
		81.8		81.8		77.9		70.5		67.8		73.5		77.2

	Rim											
PRECIPITATION	Lewis-	Wawa-	above	Univ.	Har-	1 mi.	S.	Emida	Bald	Bovill	Crater	
Moses Butte	ton Apt.	wai	Wawai.	Idaho	vard	of G.P.	Ridge	Mtn.	2 1/2 mi.	N.	Mtn.	
Aug. 1-4	0	0	0	0	0	0	0	0	0	0	0	
" 5-12	0	0	0	0	0	0	0	0	0	0	0	
" 12-19	0	0	0	0	0	0	0	0	0	0	0	
" 19-26	Te	T	Te	Te	T	Te	Te	Te	T	T	0.03	
" 26-31	Te	T	Te	Te	T	Te	Te	Te	T	T	Te	
Totals	Te	T	Te	Te	T	Te	Te	Te	T	T	0.03	

Te = estimated that a trace of rain occurred; known not to be more than this.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - AUGUST 1967 2.

page 2

Date	2510' Potlatch Valley Flat		2590' Harvard Valley Flat		3700' Enida Ridge (N-S Ski Bowl)		5330' Bald Mountain Lookout		6400' Crater Mountain		2635' Subalpine Fir Meadow		2865' Hilltop near Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	84	40	87	38	82	60	75	56	68	46	86	37	85	54
2	88	37	89	36	85	60	79	60	71	48	90	33	88	54
3	94	37	95	37	91	63	84	65	76	55	95	34	94	50
4	87	41	91	42	88	63	80	58	72	58	90	40	90	65
5	84	38	87	37	84	58	77	54	69	49	87	37	87	59
6	78	46	76	43	73	57	68	54	66	52	78	41	78	58
7	74	44	73	39	71	47	64	43	50	36	73	42	74	51
8	84	38	84	34	80	52	73	52	64	40	84	31	84	49
9	90	38	92	36	89	57	83	59	70	50	92	34	91	56
10	95	37	95	34	92	62	86	65	77	56	96	32	96	57
11	97	48	98	46	94	69	88	70	79	61	99	44	98	59
12	95	44	98	43	93	68	86	68	78	60	97	40	97	59
13	96	43	99	43	93	69	85	68	81	62	98	40	97	61
14	95	42	98	40	92	66	85	69	80	63	98	37	94	62
15	97	40	101	38	95	64	88	69	81	58	99	34	96	57
16	99	40	102	39	95	69	88	71	80	63	101	34	99	59
17	98	39	101	36	96	70	89	71	84	65	102	34	99	60
18	98	45	102	43	96	70	90	74	86	66	102	40	100	63
19	97	40	98	40	95	68	87	69	83	62	100	36	96	60
20	97	40	97	38	94	66	85	70	84	62	100	34	95	59
21	81	62	82	54	77	58	69	52	64	50	84	57	79	62
22	88	40	90	36	86	56	78	56	70	47	90	32	87	51
23	85	40	86	37	83	62	73	62	73	55	89	33	85	53
24	77	34	78	33	76	47	69	45	63	45	81	34	77	52
25	85	30	86	30	80	51	73	52	69	49	89	27	84	46
26	90	35	94	34	87	58	-	58	73	57	94	30	90	54
27	85	52	86	50	82	63	-	-	68	56	88	47	86	62
28	92	53	93	42	88	58	-	-	71	51	91	42	90	59
29	94	45	95	44	-	63	-	-	75	58	95	41	94	63
30	97	43	98	42	-	-	-	-	77	60	98	40	97	68
31	101	50	101	42	100	-	91	-	80	63	102	40	99	64
MONTH	90.4	42.0	92.0	39.5	87.8	61.7	80.8e	61.9e	73.6	54.9	92.6	37.3	90.5	57.9
AVE.	66.2		65.8		74.8		71.4e		64.2		65.0		74.2	

e = estimated, because of missing records

Missing records resulted from inability to service instruments due to closure of woodlands because of extreme fire hazard.

Note on "Experimental Moses Butte record" (appearing on next two pages):

- August 1 - 21 = record kept on saddle just north of Moses Butte (location of former Jog Lookout); estimated elevation 6400 feet.
- August 21 - 31 = record kept in air drainage channel (opening in forest on southeast slope) 3½ miles northwest of the above; estimated elevation 5400 feet.

(see note at bottom of p.2) 1416' 760'
 Experimental Near Lewiston Lewiston
 Airport Downtown
 (Weather Tribune
 Bureau) Office)

2880' 2660' 2900'
 Bovill Genessee Genessee
 (2½ mi. Flat Hill
 north)

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	84	35	86	40	85	58	72	48	92	61	95	60
2	88	32	89	39	88	57	76	52	95	59	99	59
3	93	34	94	40	93	60	82	54	99	59	102	58
4	89	39	90	52	88	62	78	60	96	63	97	58
5	85	36	86	47	84	58	77	51	93	65	97	61
6	79	41	78	47	76	58	72	52	86	63	86	62
7	72	36	77	48	75	50	52	38	82	59	84	60
8	82	31	85	36	83	52	72	43	89	54	92	55
9	89	33	93	41	90	55	77	48	95	58	98	57
10	93	31	97	39	95	58	84	57	100	59	102	61
11	96	43	98	53	97	65	86	62	101	67	103	66
12	75	39	96	46	95	68	78	62	100	65	104	62
13	95	39	97	46	96	67	83	63	102	65	105	63
14	94	36	97	44	93	64	83	62	101	64	103	61
15	96	34	100	42	97	64	84	62	102	62	105	59
16	98	35	101	44	99	64	84	65	104	63	107	59
17	99	34	100	44	98	67	89	64	105	64	107	60
18	98	39	100	47	99	69	87	67	105	67	108	62
19	97	36	98	44	96	66	85	64	103	66	107	61
20	96	33	98	44	99	67	85	63	102	65	104	60
21	80	50	82	66/58	79	64	new loc. 68 / 50		89	72	89	70
22	88	33	90	39	87	55	72	46	93	57	97	52
23	85	34	88	42	84	58	75	53	94	60	96	55
24	78	30	78	54	75	52	65	45	83	56	86	56
25	83	27	85	34	83	49	72	42	89	50	91	50
26	89	30	92	36	88	56	76	47	92	56	94	51
27	82	45	87	58	85	65	69	53	93	67	96	65
28	88	42	91	56	87	59	73	50	95	66	97	62
29	92	40	96	51	92	64	78	51	99	65	102	67
30	95	39	98	52	94	65	81	53	101	62	105	68
31	99	39	102	50	98	66	83	57	106	66	107	59
Month Ave.	88.9	36.3	91.9	45.6	89.6	60.7	--	--	96.3	62.1	98.2	60.0
		62.6		68.8		75.2		--		79.7		79.1

Notes on hygrothermograph performance (cont. from preceding page):
South Palouse Flat (Kahl instrument, formerly fairly reliable) became more and more inadequate in its daytime minimum humidity response during the month, finally being as much as 15% too high at the time of the afternoon minimums on some days, but only 5% on others.
Harvard Valley Flat (Dahl instrument, fairly reliable) does not drop low enough on most afternoons, probably averaging at least 5% too high at such times.
Emida Ridge (Kahl instrument, with history of being one of the most reliable) may not drop quite low enough on the dry afternoons.
Bald Mountain (most responsive Weathermeasure instrument) may drop too low at time of afternoon minimum, although it had not done so prior to moving to the mountain on August 1st.

Date	675'		1500'		2500'		2540'		3150'		2590'		3700'		5330'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	-	25%	65%	22%	63%	28%	100%	26%	65%	24%	100%	27%	72%	29%	75%	36%
2	85	12	55	15e	42	23	97	26	39	23	100	24	60	26	50	32
3	69	15	46	19e	39	26	100	27	31	22	100	23	52	26	41	28
4	61	20	53	16e	41	26e	95	28	42	26	99	25	57	27	58	34
5	67	24	54e	20e	53e	30e	90	32	52	22	99	29	64	31	75	39
6	82%	36%	67%	33%	70%	40%e	87%	41%	67%e	32%e	96%	38%	87%	31/47%	80%	39/57%
7	82	41	80e	40e	85e	41e	98	40	86e	36e	99	40	99	44	100	44
8	95	28	70e	25e	70e	30e	100	30	56e	29e	100	29	83	32	64	31
9	87	19	56e	17e	52e	23e	98	24	45e	18e	99	24	68	23	50	18
10	75	18	40e	12e	37e	20e	93	22	29e	20e	99	21	55	22	31	17
11	74%	22%	35%e	18%e	30%e	23%e	74%	26%	26%e	16%e	96%	24%	66%	27%	34%	19%
12	91	28	54e	23e	46e	26e	86	31	41e	22e	98	27	56	29	37	24
13	93	18	46e	17e	31	18	97	25	31e	17e	100	20	51	22	34	23
14	86	19	38	16	28	19	92	26	27e	18e	99	22	42	24	30	18
15	75	12	37	11	28	15	95	23	25e	13e	100	18	48	19	27	12
16	62%	17%	27%	14%	25%	17%	84%	26%	22%e	13/15e	97%	21%	41%	18/22%	24%	10/16%
17	73	19	33	17	26	19	85	28	22e	13/15e	100	21	37	22	26	13/15
18	73	24	32	21	26	21	90	32	22e	13/15e	98	23	36	23/25	25	19
19	77	20	36	12	25	12	90	26	23e	14e	100	20	38	22	32	13/15
20	65	22	26	13	19	13	81	27	21	16	99	22	39	23/25	22	16
21	67%	42%	53%	26%	47%	28/29%	68%	27/47%	53%	21/34%	86%	39%	74%	30/45%	83%	43%
22	86	32	48	26	41	22	100	27	42	22	100	23	63	28	57	24
23	88	28	43	21	32	20	91	33	34	27	98	28	50	31/37	41	30/35
24	83	29	64	24	56	22	84	34	62	23	100	24	75	32	74	26
25	77	24	40	20	30	19	90	30	30	22	100	23	52	29	40	-
26	84%	28%	41%	21%	32%	19%	87%	30%	33%	19%	100%	22%	50%	27%	-	-
27	78	37	44	31	36	22/26	68	40	37	22/28	87	35	58	38/43	-	-
28	90	28	63	23	53	22	73	33	57	25	100	28	73	34	67	-
29	75	25	45	20	37	20	81	31	37	23	98	25	58	-	-	-
30	78	23	41	19	33	20	73	32	30	22	100	23	-	-	-	-
31	70	21	39	18	32	18	75	28	33	18	100	22	-	24	-	19

MONTH AVE. 79% 52% 47% 34% 24% 20% 41% 32% 23% 30% 88% 59% 30% 39% 30% 98% 62% 25% 58% 44% 29% 48% 27%e 38%e

Major difficulties were encountered in the operation of the hair humidity elements on both the Kahl and Weathermeasure hygrothermographs during this extremely dry month. Hairs were washed on all instruments used for records on this page, except those at Harvard, Emida Range, and Bald Mt. Each time this was done a downward shift of 8 to 10% occurred, followed by an apparent gradual return shift during the ensuing week, thus adding further problems to correct calibration. Consequently, no further washing of hairs was done after August 8.

Wawawai (new Weathermeasure instrument)-relative humidity rises 10 to 12% to high at night when correct daytime calibration; subsequently, daytime minimum levels also tend to become perhaps 5 to 10% too high, a few days after calibration and washing. Wawawai Canyon (older Weathermeasure instrument), Wawawai Rim, and Viola Hill (both formerly reliable and responsive Kahl instruments) appear to have lost some of responsiveness during the long dry period. When hairs were washed early in the month, downward shifts of at least 8% were experienced on each instrument, but with no in-

(See note at bottom of p.2) 1416' Experimental Lewiston

Date	2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		2900' Genesee Hill		6400' Crater Mountain		Near Moses Butte		1416' Airport (Weather Bureau)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	99%	30%	99%	26%	89%	30%	55%	24%	75%	37%	76%	31%	59%	16%
2	100%	27	100	23	70	26	46	20	54	35	52	31	50	12
3	100	25	100	20	58	23	40	20	43	34	48	26	51	10
4	99	29	99	23	50	27	38	23	39/47	36/39	43	28/35	38	12
5	100	30	100	27	60	30e	49	27	47	39/40	49	33	36	15
6	100%	42%	99%	37%	65%	40%e	60%	36%	46/67	35/43	51%	33/45	35%	21%
7	100	45	95	39	88e	40e	74	40	100	61/67	100	50/67	53	26
8	100	33	100	27	93e	30e	75	31	80	42	86	33	72	14
9	99	25	100	20	73e	22e	64	24	56	30	70	20	56	14
10	100	23	100	19	58e	20e	47	20	40	26	34	20	47	8
11	99%	24%	97%	22%	58%e	23%e	39%	25%	32/38	28/30	31/37	25%	42%	13%
12	100	27	100	24	58e	27e	42	28	37	32	38	25	44	14
13	99	23	100	19	66e	21e	40	23	41	28	43	25	46	8
14	99	23	99	19	51e	22	37	24	36	30	36	26	41	9
15	99	22	99	18	52	20	38	21	41	27	35	24	44	7
16	100%	23%	98%	20%	41%	21%	35%	22%	32%	27%	30%	22%	38%	8%
17	100	22	99	19	44	21	35	22	33	27	29	23	40	9
18	99	25	98	20	45	23	35	24	33	29	32	25	38	10
19	100	23	99	18	52	21	39	22	38	28	35	25	45	8
20	100	23	98	20	42	23	33	22	32	27	32	25	37	10
21	94%	42%	63%	30/37%	59%	30/40%	52%	40%	77%	32/53%	88%	28/50	37%	20%
22	99	27	100	21	84	24	61	28	76	40	94	38	61	13
23	100	32	99	24	57	30	48	27	46	38	68	36	48	9
24	99	26	94	25	65	28	61	30	57	37	66	40	40	12
25	100	25	99	21	58	25	45	28	48	36	73	30	48	12
26	100%	25%	99%	20%	53%	24%e	47%	28%	42%	34%	72%	32%	37%	20%
27	96	39	90	29	47	33	40	33	45/58	37/43	76	44/46	34	16
28	100	32	96	25	74	29	72	30	72	44	94	44	55	15
29	99	26	98	23	57	27	50	26	54	36	89	34	47	10
30	99	26	99	21	45	24	46	25	52	36	82	37	41	10
31	99	24	98	19	55	22	44	23	46	32	74	40	43	8
MONTH	99%	28%	99%	23%	60%	26%	48%	26%	52%	36%	--	--	46%	12%
AVE.	64%		61%		43%		37%		44%		--		29%	

Subalpine fir meadow and hilltop nearby do not drop quite low enough in afternoon. Downward shift occurred when hairs washed on Aug. 4, but believed to have shifted back later. Hilltop instrument probably 6% to 8% too high many afternoons. Genesee Hill instrument had shown inadequate response, not falling low enough at time of minimum humidity. When hairs washed on Aug. 1, downward shift of 8% occurred. It is believed this shift remained in effect throughout the month. Crater Mountain and Moses Butte relative humidity records believed to be about as accurate as can be obtained with these hygrothermographs. These instruments performed excellently in the past.

Bovill instrument is new, but minimum readings believed to be 8 to 10% too high.

All of the above instruments are manufactured by Kahl Scientific Instrument Corp.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

SEPTEMBER 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675' Wawawai Snake River Canyon		2500' Rim above Wawawai		2436' Union Creek Flat		2540' S. Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho		3150' Viola Hill		2510' Potlatch Valley Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	101	62	91	68	93	48	92	46	89	58	88	73	91	50
2	87	69	77	59	78	61/57	77	59	76	60	73	58	77	60
3	94	57	84	56	85	43	86	38	85	50	-	53	85	38
4	103	63	94	63	95	50	94	46	93	58	93	67	95	45
5	93	69	84	70/64	86	54	86	52	83	61	82e	67	86	49
6	88	58	76	56	78	50	78	50	76	56	74	57	77	50
7	95	55	85	56	86	41	87	37	84	50	-	-	85	37
8	93	57	84	61	86	46	86	44	85	54	82	67	88	41
9	88	66	76	58	78	53	76	52	76	56	73	55	76	53
10	89	56	79	56	80	41	79	37	77	49	74	60	77	36
11	70/63	57	58/51	46	61/54	49	62/51	47/45	54	49	60/50	46	62/55	49/47
12	75	51	60	41	63	42	62	34	62	41	60	41	61	32
13	81	44	70	42	71	32	70	29	69	41	67	44	69	31
14	89	43	79	47	79	33	80	30	78	44	77	53	80	31
15	98	57	86	55	87	41	87	41	86	52	85	61	87	40
16	97	68	84	60	86	51	85	51	84	59	83	70	87	37
17	95	56	84	62	86	41	85	41	82	55	81	61	84	33
18	87	59	76	55	79	46	78	36	76	49	74	53	75	33
19	92	55	81	57	83	45	81	40	79	53	79	59	80	42
20	94	61	84	61	87	52	85	44	83	54	82	62	83	42
21	103	64	95	64	96	52	94	50	92	62	92	67	91	50
22	90/85	69/66	81/74	58	80/75	60/42	74	59/46	78/72	59/55	81/71	57	73	58/44
23	83	48	79	55	81	31	82	25	78	41	77	53	80	25
24	90	51	81	55	83	37	87	32	83	48	82	58	84	34
25	87	53	77	61	79	44	78	36	76	48	74	57	76	33
26	92	53	83	54	84	40	83	34	81	48	81	57	84	34
27	96	57	86	59	91	46	89	44	86	56	85	59	88	38
28	95	55	89	61	91	44	91	37	87	53	88	66	90	37
29	82	55	77/74	61	76	46	77	40	71	52	77/71	65/59	70	37
30	73	55	60	48	62	47	63	45	60	50	59/57	48	59	47
MONTH	89.8	57.5	79.5	56.6	81.3	45.6	80.8	41.3	78.8	52.1	77.3	58.3	79.8	40.2
AVE.		73.6		68.0		63.4		61.0		65.4		67.8		60.0

PRECIPITATION	Lewis- ton Apt.	Wawa- wai	Rim above Wawa.	Univ. Idaho	Har- vard	1 mi. S. of G.P.	Amida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Crater Mtn.	Moses Butte
Sept. 1 - 8	0.02	Te	0.02	0.04	0.02	0.02	0.01	0.03	0.02	0.03	0.05
" 9 - 16	0.45	0.09	0.06	0.16	0.44	0.59	0.92	0.81	0.63	1.02	1.39
" 17 - 23	0	0	0	0	0	0	0	0	0.08	0.01	0.03
" 24 - 30	0.12	0.05	0.07	0.09	0.09e	0.09	0.16e	0.18	0.09	0.30e	0.40e
Totals	0.59	0.14	0.15	0.29	0.55	0.70	1.09	1.02	0.82	1.36e	1.87e

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - SEPTEMBER 1967

page 2

Date	2590' Harvard Valley Flat		3700' Emida Ridge (U-S Ski Bowl)		5330' Bald Mountain Lookout		6000' Freezeout Mountain		6400' Crater Mountain		5600' Crater Lake		5600' Pinchot Marsh*	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	93	43	90	-	82	-	-	-	81	63	-	-	80	59/58
2	78	57/50	75	55	68	49	-	-	63/60	46	-	-	62	50/48
3	87	35	83	54	76	52	-	-	67	45	-	-	70	42
4	96	41	94	62	87	60	-	-	75	55	-	-	78	50
5	87	43	84	67	77	67/56	-	-	74	63/52	-	-	77	58
6	80	51	77	52	68	48	-	-	60	46	-	-	64	50/43
7	87	36	83	51	75	54	-	-	69	47	-	-	69	42
8	88	41	86	58	70	65/61	71	62/57	70	57/55	-	-	75	44
9	77	44	73	53	68	48	64	48	63	46	-	-	69	42
10	78	35	74	52	68	54/50	64	52/44	63	49/41	-	-	68	35
11	62/53	46	56/45	43/41	49/41	39/38	44/36	33	41/35	32	-	-	44/38	38/35
12	63	33	55	34	50	33	42	30	39	30	-	-	47	32
13	70	27	65	41	61	41	56	36	54	31	-	-	57	29
14	80	29	75	44	70	49	66	43	64	39	-	-	68	29
15	87	35	81	51	77	59	72	54	68	50	-	-	73	36
16	87	38	77	58	73	58	68	52	64	49	-	-	70	36
17	84	34	79	55	72	58	69	49	66	47	-	-	68	33
18	77	33	75	51	68	47	65	50	63	46	62	40	67	34
19	82	37	78	55	69	52	63	50	61	46	61	39	66	42
20	86	40	83	56	76	53	68	53	68	50	64	44	70	43
21	92	40	89	60	84	60	74	58	70	55	68	48	75	43
22	77	60/40	-	-	68/63	48	64/58	45	61/57	42	54	46	66/60	48/36
23	83	24	-	50	70	50	67	46	66	43	59	34	70	29
24	88	28	82	-	77	57	71	56	70	53	69	42	75	37
25	78	30	74	49	67	49	60	46	60	45	58	40	63	40
26	85	30	77	48	71	55	67	49	64	46	62	39	67	34
27	90	34	86	57	80	59	70	55	69	55	65	47	73	38
28	92	33	88	59	83	61	72	57	71	56	66	46	75	40
29	67	35	76/65	63/56	68/62	59/50	67/64	60/48	65	57/46	62	47	68	57/45
30	61	47	59/54	43	50/46	39	49/37	34	46/37	33	47/41	38/36	47/42	37
MONTH	81.1	37.2	76.5	53.0	70.3	52.1	64.7e	48.7e	63.1	46.3	60.8e	41.1e	67.3e	38.2e
AVE.		59.2		64.8		61.2		56.7e		54.7		51.0e		52.8e

*Record made in air drainage channel (opening in forest on southeast slope) about three miles east from Sept. 1st to 7th (estimated elevation 5400 feet); at Pinchot Marsh thereafter.

e = estimated averages, determined by comparing available records with those on Crater Mountain, then projecting the difference between the station with the incomplete record and Crater Mountain to the entire month.

Date	2660' Genesee Flat		2830' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow		1500' Wawawai Canyon (3 mi. SE)		1416' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	93	48	91	40	94	41	91	65	95	73	98	65	102	61
2	78	60	76	53	78	55	77	60	81	67	85	66	91	68
3	85	39	84	33	87	34	84	49	88	62	90	55	94	57
4	95	48	94	40	95	42	93	59	98	69	96	62	99	59
5	86	53	86	48	88	47	87	61	87	72/70	92	68	95	59
6	79	46	77	46	79	44	77	53	81	62	84	60	87	58
7	86	38	86	32	86	33	85	52	90	61	89	55	92	53
8	84	45	81	40	81	38	79	55	89	68e	83	60	87	64
9	78	49	78	38	80	40	77	55	80	64	84	57	87	55
10	80	37	78	31	81	31	78	46	83	59	83	53	85	51
11	54	48	52/49	42	51	44	51	45	64	52	61	52	60	53
12	62	43	60	30	60	30	61	38	65	46	69	49	73	45
13	70	30	69	25	68	24	67	36	74	48	74	42	78	40
14	78	34	80	26	80	26	79	41	83	50	82	46	84	47
15	86	43	86	31	88	31	86	50	90	60	90	51	95	47
16	84	54	84	34	86	35	-	61	89	68	89	58	91	55
17	84	42	82	31	84	31	-	-	-	-	87	51	89	50
18	77	48	77	30	77	36	(Instru-	-	57	82	57	84	55	
19	82	44	80	37	82	37	ment	-	-	88	56	90	52	
20	85	45	84	37	86	38	moved	-	-	89	59	91	55	
							to							
21	92	50	91	37	94	38	Crater	97	-	101	62	103	60	
22	76/72	60/48	73	54/34	75	56/37	Lake)	-	-	79	67	83	71	
23	79	27	82	24	80	22	-	-	(Instru-	80	44	84	45	
24	86	34	86	27	87	27	-	-	ment	87	48	89	48	
25	78	40	76	28	79	28	-	-	moved	83	49	85	49	
							to							
26	81	35	81	29	83	29	-	-	Freeze-	85	50	88	50	
27	90	45	87	31	90	31	-	-	out	90	53	93	51	
28	89	37	89	31	92	30	-	-	Mtn.	91	55	94	51	
29	73	41	66	34	73	35	-	-	slope)	75	55	76	53	
30	60e	49	57	48	59	48	-	-	-	65	55	68	56	
MONTH	80.2	43.3	79.0	34.9	80.8	35.4	--	--	--	--	84.4	55.3	87.2	53.6
AVE.	61.8		57.0		58.1		--	--	--	69.9		70.4		

Freezeout Mountain - Special Comparative Readings

Date	6000' Summit		5800'(est.) N-Slope		5750'(est.) S-Slope	
	Max.	Min.	Max.	Min.	Max.	Min.
23	67	-	58	-	69	-
24	71	56	67	51	74	54
25	60	46	57	45	63	46
26	67	49	59	48	70	48
27	70	55	66	54	74	54
28	72	57	69	52	76	54
29	64	59/48	65/59	55/50	66	57/50
30	49/37	34/33	50/39	34	50/40	36

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - SEPTEMBER 1967 4

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Date	1416'		Lewiston 675'		2500'		3150'		2590'		3700'		5330'		6400'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	42%	11%	85%	28%	30%	19%	31%	22%	99%	23%	-	27%	-	25%	38%	30%
2	57	27	82	52	69	39	76	44	77	43	94	45	98	43	94	35/50
3	65	21	94	37	64	28	65	33	100	27	81	32	78	32	81	39
4	51	15	84	27	41	20	38	22	98	23	58	26	49	23	52	28
5	45	22	77	46	37/67	31	42/62	26/34	96	32	57	33/38	47/71	33/39	43/97	36
6	87%	31%	95%	30%	97%	32%	98%	34%	100%	32%	100%	26%	99%	34%	99%	42%
7	67	-	90	24	52	23	45	25	98	27	68	22	61	32	68	38
8	55	30	90	32	44	27	38	28	98	30	65	28	46	34	50/65	38
9	66	21	62/30	47	28	57	29	97	26	65	26	78	30	88	35	
10	55	24	80	31	46	31	43/50	34	100	32	61	34	58/95	42	52/99	40/43
11	98%	70%	100%	64%	100%	59%	100%	52/88%	97%	55/74%	100%	62/85%	100%	55%	100%	99%
12	73	28	84	34	86	36	95	34	100	37	100	38	100	52	100	83
13	94	18	100	25	75	25	72	30	100	32	75	31	70	38	96	45
14	78	21	91	26	74	24	51	25	100	28	75	27	56	37	70	41
15	79	15	85	19	64	20	41	17	99	23	80	26	44	27	55	34
16	55%	16%	52%	22%	41%	19%	28%	22%	98%	27%*	47%	27%	46%	32%	51%	35%
17	69	17	76	14	34	20	32	18	99	24	52	23	40	28	49	35
18	67	31	85	32	76	36	82	22/38	100	41	91	27/41	90	34/47	52/87	44
19	76	23	93	25	66	30	58	32	100	32	75	33	75	39	87	52
20	67	27	84	28	61	32	66	32	100	34	85	34	85	36	73	49
21	69%	14%	75%	18%	54%	23%	53%	22%	100%	26%	73%	25%	63%	27%	70%	42%
22	59	10	69	13	75	19	86	20	75	25	83	19	89	20	97	34
23	62	17	67	18	34	21	32	15	99	21	44	17	30	17	46	29
24	64	14	66	17	44	21	42	22	98	24	41	27	37	27	41/45	30/35
25	50	25	74	30	46	25/35	53	25/38	100	33	61	28/40	71	42	67	37/51
26	73%	21%	79%	22%	54%	28%	55%	31%	100%	26%	78%	33%	59%	35%	60%	43%
27	70	19	71	22	48	25	43	27	100	24	53	28	43	28	45	40
28	70	16	70	23	45	25	42	24	100	23	55	27	42	24	48	37
29	68	39	75	37	41/93	30/33	41/60	29/55	100	46	40/88	31/53	43/81	39/81	46/92	40
30	98	48	92	34	97	40	96	43	98	44	100	58	96	66	100	86
MONTH AVE.	68%	24%	81%	29%	61%	28%	58%	31%	98%	31%	72%	33%	68%	38%	74%	44%
	46%		55%		45%		44%		65%		52%		53%		59%	

Hygrothermograph at Wawawai during first 8½ days of the month unreliable in its relative humidity readings.

*Ging psychrometer 22% at mid-afternoon, Harvard Valley Flat, on 16th.

ADDITIONAL RELATIVE HUMIDITY RECORDS - SEPTEMBER 1967

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Date	6000' Freezeout Mountain		5600' Pinchot Marsh*		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2865' Hilltop near Subalpine Fir Meadow	
	High	Low	High	Low	High	Low	High	Low	High	Low
1	-	-	60%	33%	99%	25%	97%	22%	50%	25%
2	-	-	93	63	90	47	68	38	81	44
3	-	-	100	36	100	30	100	25	95	29
4	-	-	81	31	100	28	97	21	64	28**
5	-	-	80	42	98	37	95	28	60	34
6	-	-	97%	45%	100%	38%	100%	31%	99%	30%
7	-	-	80	31	100	34	100	25	68	23
8	51/67%	42%	99	34	99	43	99	35	62	35
9	83	35	100	29	100	31	98	24	72	26
10	54/99	40/46	91	39	100	36	100	29	73	33
11	100%	99%	100%	97%	100%	80%	99%	64/84%	100%	77%
12	100	72	100	62	100	45	100	37	100	34
13	74	44	100	48	100	38	100	29	95	29
14	63	42	100	32	100	35	100	26	86	26
15	54	32	99	28	100	30	100	19	76	20
16	46%	35%	99%	28%	100%	31%	100%	22%	-	-
17	48	35	100	29	100	30	100	22	-	-
18	49/82	40/44	99	43	100	46	99	35	(Instrument moved to Crater Lake)	
19	78	51	99	45	100	38	100	28		
20	72	52	97	50	100	41	100	30		
21	65%	40%	99%	35%	100%	32%	100%	23%		
22	96	32	87	35	100	30	96	22	-	-
23	42	28	99	15	100	24	98	21	-	-
24	40	28	99	30	100	32	97	23	-	-
25	66	32/50	78	31/43	100	38	97	30	-	-
26	56%	41%	100%	33%	100%	35%	100%	24%	-	-
27	46	38	93	32	100	29	98	21	-	-
28	48	34	99	27	100	28	99	19	-	-
29	43/70	34/39	95	35	100	57	96	31	-	-
30	100	70/82	100	78	100	56	97	47	-	-
MONTH	69%	45%	97%	40%	100%	37%	98%	29%	--	--
AVE.	57%		68%		68%		64%		--	

*Record made in air drainage channel (opening in forest on southeast slope) about three miles east from Sept. 1st to 7th (estimated elevation 5400 feet); at Pinchot Marsh thereafter.

**Relative humidity 20% according to sling psychrometer, hilltop near subalpine fir meadow, 4th.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

OCTOBER 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

675' Wawawai Snake River Canyon
 2500' Rim above Wawawai
 2436' Union Creek Flat
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 3150' Viola Hill
 2510' Potlatch Valley Flat

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	67	48	56	45	60	45	-	-	58	46	52	45e	52	45e
2	57	44	47	40	52	35	-	-	52	41	51	39	52	33
3	69	52	59	44	57	48/46	-	-	56	44	54	42	56	43
4	78	41	66	38	68	30	-	-	65	41	62	43	66	30
5	68	50	57	44	59	39	-	-	55	46	55	44	56	34
6	71	42	61	38	62	32	-	27	61	38	58	42	59	26
7	77	53	70	50	63	46	-	-	68	49	64	50	65	42
8	86	53	75	49	80	39	78	-	74	49	74	50	78	37
9	82	52	70	52	75	43	75	39	70	47	70	54	72	37
10	76	48	69	48	75	37	75	36	71	46	69	50	72	36
11	71	60	63/58	50	64/61	56/53	62/60	50	62/58	55	63/56	53	58	49
12	-	-	57	44	59	48/47	59	43	56	46	55	43	55	45/41
13	-	-	52	43	56	45	55	46	54	46	52	45	54	42
14	-	-	57	42	60	46/44	58	43/39	56	44	53	40	56	41
15	70	40	58	36	63	29	59	27	58	39	55	39	58	29
16	75	41	63	44	68	31	67	31	64	43	62	49	64	35
17	74	45	63	41	72	32	67	29	65	43	65	45	68	30
18	75	42	67	43	75	36	71	48	69	47	67	49	70	37
19	66	41	54	36	58	34	57	28	55	33	52	35	54	28
20	71	42	59	36	67	30	65	32	64	39	61	42	66	28
21	71	44	58	44	60	35	57	32	57/56	44	56	47	58	33
22	61	51	52	42	55	44	50	31	52	41	48	39	51	34
23	64	52/47	52	41	54	34/31	51	40/34	52	42	49	39	52	42/34
24	61	36	52	33	57	27	53	29	50	34	48	37	50	28
25	62	50/48	-	-	52	45/37	51	43/34	48	44/37	49	39	50	42/35
26	62	34	-	32	51	28	50	25	49	31	46	32	50	24
27	53	44	-	-	51	34	50	38	49	39	44	37	50	33
28	60/54	50	56/47	-	55/48	43	52/48	40	53/50	41	50/43	38	50/48	39
29	58	38	48	35	51	36	48	27	47	33	44	32	47	28
30	72	46	62	41	66	42	61	39	59	41	55	38	63	38
31	74	47	66	46	66	40	63	43	62	46	60	48	62	40
MONTH AVE.	68.6	46.0	58.3	41.9	61.3	37.7	59.3	35.8	58.2	42.3	55.8	42.4	58.5	35.1
	57.3		50.1		49.5		47.6		50.2		49.1		46.8	

PRECIPITATION	Wawa- wai	Rim above Wawa.	Univ. Har- Idaho vard	1 mi. S. of G.P.	Emida Ridge	Bald Mtn.	Bovill 2 1/2 mi. N.	Crater Mtn.	Moses Butte	
October 1	-	0.24	0.65	0.48	0.49	0.76	0.87	0.71	1.60e	1.75e
" 8	-	0.30	0.32	0.50	0.69	0.89	0.78	0.88	-	-
" 15	-	0.14	0.85	0.34	0.39	0.63	0.97	0.97	-	-
" 22	-	0.97	1.05	1.28	2.39	2.07	1.68	1.68	-	-
" 29	-	0.02	0.02	0.07	0.06	0.08	0.15e	0.13	-	-
Totals		1.67	2.89	2.67	4.02	4.43	4.36	4.37	-	-

TEMPERATURES RECORDS IN THE VICINITY OF MOSCOW, IDAHO - OCTOBER 1967

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Date	2590* Harvard Valley Flat		3700* Emida Ridge (N-S Ski Bowl)		5330* Bald Mountain Lookout		6000* Freezeout Mountain		6400* Crater Mountain		5600* Crater Lake		5600* Pinchot Marsh	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	59	45	47	40e	44	36e	36	33/30	35	33/30	38	36/32	37	36/32
2	54	31	44	34	41	34	33	30	34	30	38	32	38	30
3	56	43/40	43	35	39	33	35/32	29	34/32	29	34	31/30	36/33	30
4	68	26	62	34	55	35	46	31	42	30	40	29	47	27
5	57	33	52	41/39	46/44	36	46/39	36/33	42/40	35/32	42	31	41	31
6	62	24	55	36	49	36	41	31	37	31	41	33	40	34
7	67	38	61	44	53	40	48e	36	45	36	49	38	47	32
8	78	26	74	47	65	44	-	-	-	-	51	40	-	-
9	74	32	68	49	61	44	Record		Record		Record		Record	
10	72	28	68	47	62	46	Terminated		Terminated		Terminated		Terminated	
11	56	44	58/50	48/45	55/46	45/42			5750*e		5750*e			
12	57	43/41	52	39	44	34			NE-Slope		SW-Slope			
13	53	38	45	38	40	36			Freezeout		Freezeout			
14	56	42	47	36	42	32			Mountain		Mountain			
15	60	21	55	28	47	30								
16	66	31	60	38	52	40			Date	Max.	Min.	Max.	Min.	
17	72	25	66	36	62	39			8	56e	-	63	-	
18	69	26	65	46	58	44/40			9	53	45	59	45	
19	56	28	50	29	45	25			10	56	42	57	42	
20	68	21	63	43	59	32			11	49/43	43/38	50/43	43/38	
21	55	31	44	42/40	47/40	36/33			12	34	30	39	31	
22	50	32	42	32	37	28			13	33	31	34	32	
23	54	32	46	35	34/31	28			14	32	28	32	29	
24	52	21	46	28	38	26			15	37	27	42	29	
25	52	42/33	44	36	36	30/26								
26	52	20	46	26	39	22								
27	48	27	41	33	39	27								
28	51	38	44/40	34	-	29								
29	49	28	42	31	Record									
30	61	33	53	34	Terminated									
31	63	31	56	40										
MONTH AVE.	59.6	31.2	52.5	37.2	46.4	33.8								
		45.4		44.8		40.1								

(The above records made in the same locations as the September "N-Slope" and "S-Slope" records)

7th: small patches of snow on Crater Peak; apparently several inches had fallen a few days earlier. South Butte and mountains along southern horizon white with snow.

ADDITIONAL TEMPERATURE RECORDS - OCTOBER 1967

3.

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Date	2660* Genesee Flat		2635* Subalpine Fir Meadow		2880* Bovill (2½ mi. north)		Fowler's 6 miles NE of Moscow		1416* Lewiston Airport (Weather Bureau)		760* Lewiston Downtown (Tribune Office)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	58	47/46	56	40	53	41/40	--	--	--	--	--	--
2	48	37	50	26	49	29	--	--	52	42	54	43
3	55	47/40	57	37/36	50	40/38	--	--	65	50	68	50
4	64	31	68	25	64	27	--	--	70	39	73	39
5	56	39	55	32/31	56	32	--	--	64	48	66	49
6	61	28	59	24	57	28	--	--	67	39	71	40
7	69	45	70	36	63	33	--	--	71	51	73	51
8	74	39	79	25	76	26	--	--	77	47	81	42
9	72	41	74	34	72	32	--	--	77	50	81	50
10	70	33	74	28	71	28	--	--	73	46	77	45
11	62/57	50	55	46	53	45	--	--	63	54	63	55
12	56	45/43	59	38	55	40/39	--	--	63	50	66	52
13	54	43	51	38	47	36	--	--	62	47	65	49
14	55	43	53	43	49	40	--	--	64	49	66	51
15	57	27	60	21	57	25	--	--	66	40	68	42
16	64	35	66	25	60	28	--	--	67	42	69	45
17	64	30	69	21	68	24	65	30	69	41	71	43
18	68	40	68	21	65	24	65	35	72	41	72	42
19	54	30	55	24	53	30	56	25	60	40	63	39
20	63	34	66	17	64	20	65	27	69	37	70	39
21	56	30	52	26	48	27	52	31	65	42	68	35
22	53	38	48	32	47	29	47	29	62	46	63	45
23	50	41/33	52	41/28	50	41/32	49	39/29	59	49	61	51
24	50	27	54	20	51	22	50	25	57	35	59	36
25	50	43/35	51	41	49	39	48	40/31	59	45	61	47
26	47	27	52	21	47	22	48	22	54	33	57	35
27	46	37	44	26	42	26	45	29	54	42	56	43
28	48	39	48	39	44	37	44	38/36	57	44	59	37
29	48	31	49	23	46	28	45	25	55	33	57	35
30	60	40	59	32	54	30	58e	33	64	45	65	46
31	66	40	62	29	58	29	59	35	72	45	74	47
MONTH AVE.	57.8	36.5	58.5	29.5	55.2	30.5	--	--	64.2	43.8	66.5	44.2
	47.2		44.3		42.8		--		54.0		55.4	

2865* Hilltop near Subalpine Fir Meadow		Date	Max.	Min.
		16	63	39
		17	66	39
		18	66	41
		19	54	34
		20	63	34
		21	53	40
		22	47	37

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO - PER CENT - OCTOBER 1967 4.

page 4

Date	1416*		675*		2500*		3150*		2590*		3700*		5330*	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	-	-	94%	41%	94/97%	47%	100%	68%	100%	65%	100%	94%	100%	92%
2	91%	76%	97	65	88/95	53/72	90/99	54	100	55	100	63	100	73
3	58	33	73	35	89	35	99	51	92	53	100	71	100	79
4	99	32	94	27	88	28	69	34	100	31	99	26	95	41
5	86	43	80	41	71	36/45	85	35/54	99	56	88/97	39/65	98	53/78
6	95%	33%	95%	35%	90%	36%	90%	48%	100%	44%	99%	50%	100%	53/66%
7	70	30	73	30	53	27	62	35	98	35	68	38	73	50
8	78	33	88	28	57	28	61	33	100	29	58	27	63	28
9	81	26	86	26	62	29	54	38	100	34	60	39	73	51
10	90	38	79	42	65	29/35	80	41	100	35	76	42	77	56
11	100%	65%	91%	-	98%	40/54%	100%	50/70%	99%	67%	100%	57/87%	100%	57/99%
12	75	46	-	-	84	42	98	53	85	45	96	47	100	68
13	91	39	-	-	92	52	84/100	60	99	60	100	80	100	83
14	61	36	-	-	87	39	99	48	97	52	99	52	100	84
15	93	32	-	33	94	34	91	45	100	49	100	43	100	63
16	75%	36%	91%	27%	46%	28%	48%	34%	99%	36%	60/63%	34%	63/86%	46%
17	92	35	90	34	76	37	68	33	100	29	99	28	86	36
18	92	30	97	-	71	33	55/87	32	99	33	48/97	33	53/100	39
19	74	32	-	-	95	33	97	37	100	38	100	35	100	26
20	81	25	-	-	67	32	56	30	100	30	82	26	59	32
21	82%	51%	-	-	76%	57%	99%	34/46%	100%	61%	100%	81%	100%	34/88%
22	78	54	-	49%	85	60	88	72	99	70	97/100	93	100	100
23	64	33	72%	34	91	38	97	42	88	44	98	45	100	77
24	91	45	91	44	91	46	77	53	99	48	99	44	100	59
25	82	37	89	44	-	-	94	38	96	42	96	42	100	55
26	89%	49%	94%	40%	-	-	79%	47%	100%	37%	96%	38%	94%	52%
27	89	68	99	73/84	-	-	100	50/97	98	84	100	60/100	100	74/100
28	78	42	91	51	-	59	98	74	95	63	100	72/66	100	-
29	91	45	91	48	84	56	97	57	100	54	100	66	record	terminated
30	81	48	84	-	82	49	97	67	98	58	100	77	terminated	
31	80	27	91	-	70	32	71	42	100	45	98	46		
MONTH AVE.	83%	41%	88%	41%	81%	43%	84%	49%	99%	48%	93%	54%	94%	66%
	62%		64%		62%		67%		74%		74%		80%	

Pen trouble caused interruptions in record for Wawawai and on the Rim above Wawawai.

ADDITIONAL RELATIVE HUMIDITY RECORDS - PER CENT - OCTOBER 1967

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Date	2880* Bovill (2½ mi. north)		2635* Subalpine Fir Meadow		2865* Hilltop near S.A. Fir Meadow		Fowler's 6 miles NE of Moscow		6000* Freezeout Mountain		6400* Crater Mountain		5600* Pinchot Marsh	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	98%	68%	99%	66%	-	-	-	-	100%	100%	100%	100%	100%	98%
2	100	71	100	64	-	-	-	-	100	93	100	100	100	95
3	100	73	98	50	-	-	-	-	100	100	100	99	100	100
4	100	38	100	28	-	-	-	-	100	-	99	46	100	43
5	100	62	100	53	-	-	-	-	-	-	86/99	45/78	97	67
6	100%	53%	99%	40%	-	-	-	-	-	-	100%	82%	99%	68%
7	100	46	100	29	-	-	-	-	-	-	85	53	99	57
8	100	36	100	26	-	-	-	-	Record		Record		Record	
9	100	40	99	29	-	-	-	-	Terminated		Terminated		Terminated	
10	100	44	100	33	-	-	-	-						
11	100%	87%	100%	73%	-	-	-	-			5750*e	5750*e		
12	99	53	99	44	-	-	-	-			NE-Slope	SW-Slope		
13	100	78	100	61	-	-	-	-			Freezeout	Freezeout		
14	100	73	96	47	-	-	-	-			Mountain	Mountain		
15	100	52	100	37	-	43%	-	-						
16	100%	48%	99%	28%	78%	38%	-	-						
17	100	40	100	30	92	39	100%	30%	9	68%	51/60%	77%	57%	
18	100	47	100	29	77	40	98	30	10	87	58	88	60	
19	100	44	100	33	98	42	100	28						
20	100	39	100	28	79	38	98	25	11	100%	100%	100%	100%	
21	100%	82%	100%	62%	78/98%	66%	97%	46%	12	100	80	100	73	
22	100	82/90	98	84	90	80	100	67	13	100	98	100	95	
23	96	55	93	45	-	-	90/94	41	14	100	95	100	97	
24	100	52	100	42	-	-	100	45	15	94	63	97	57	
25	98	66	98	54	-	-	96	51						
26	100%	54%	100%	37%	-	-	100%	40%						
27	100	99	100	98	-	-	100	70/100						
28	100	87	100	58	-	-	100	63						
29	100	62	99	47	-	-	100	49						
30	100	75	100	52	-	-	98	55						
31	100	59	100	41	-	-	98	40						
MONTH	100%	60%	99%	47%	--	--	--	--						
AVE.	80%		73%		--		--							

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

NOVEMBER 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		2500'		2436'		2540'		2610'		3150'		2510'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Rim above Wawawai		Union Creek Flat		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill		Potlatch Valley Flat	
1	-	-	49	42/40	54	44/36	-	-	49	43/35	47	37/34	50	35
2	-	-	46	30	48	21	-	-	45	26	44	32	46	19
3	-	-	43	33	47	29	-	-	45	33	44	33	44	25
4	55	26	47	27	49	19	48	-	47e	26	46	27	53	15
5	56	27	48	30	52	20	49	19	47	31	47	30	54	19
6	54	25	56	30	53	20	52	20	49	30	50	31	58	20
7	47	31	51	37	52	30	48	37	48	39	47	38	48	31
8	57	41	57	42/39	62	40	59	42/39	57	43/41	57	43/38	61	38
9	53	41	46/44	42/41	46/45	45/43	44	38	45	41	41	39	43	38
10	61	45	55	41	52	42	49	40	51	42	47	38	49	40
11	53	39	46	41	45	32	44	31	45	35	45	37	44	29
12	52	47	49	42	50	42	51	43	49	44	50	46	51	32
13	53	46/45	52	42	54	39	53	46	54	48	56	46	57	42
14	53/51	46	53/51	45	53	44	53	49/43	53/52	51/47	57/52	50/44	54	47
15	55	40	50	38	55	31	56	32	52	40	52	40	57	37
16	53	41	52	38	54	32	54	32	52	39	50	40	55	35
17	53	41	51	37	51	32	49	31	49	35	49	35	55	29
18	53	42	43	36	44	33	41	31	43	37	38	33	44	30
19	53	33	45	33	50	30	49	27	47	31	49	34/32	51	26
20	51	32	42	31	45	27	43	33	42	34	40	31	46	30
21	44	31	40	30	44	23	-	-	38	31	35	27	41	29
22	60	34	49	33	52	30	50	-	49	34	46	32	51	32
23	49	29	40	32	42	27	-	22	40	28	37	28	41	21
24	57	44	46	38/34	48	41/36	-	-	46	38/35	43	36/31	47	39/34
25	46	38/31	39	28/27	38	31/25	35	-	34	30/27	31	25	35	29
26	40	19	33e	20	36	12	35	10	31	18	30	19	36	12
27	41	25	33e	21	34	23	31	21	33	23	33	23	37	17
28	38	33	30	24	32	27	30	25	32	27	32/30	22	33	28
29	42	35	37	29	38	31	34	30	36	31	32	30	36	32
30	48	30	36	27	37	21	34	13	34	25	32	25	38	18
MONTH AVE.	50.2	35.3	45.2	33.6	47.2	29.9	45.2e	26.6e	44.7	33.8	43.3	32.9	47.2	29.0
	42.8		39.4		38.6		35.9e		39.2		38.1		38.1	

PRECIPITATION	Lewiston Airport	Wawa-wai	Rim above Wawa-wai	Univ. Idaho	Pot-latch	Har-ward	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. S.
November	1 - 4	0	0	0	0	0	0	0	0
"	5 - 11	0.26	-	0.75	0.87	0.73	0.79	)1.79	)2.10
"	12 - 18	0.06	-	-	0.08	0.24	0.32))
"	19 - 25	0	)0.63	)0.28	0.02	0.01	)	)0.41	)0.94
"	26 - 30	0.07	)	)	0.28	0.29e	)0.32e))
Totals		0.39	-	1.06e	1.25	1.17	1.43	2.20	3.04

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO - NOVEMBER 1967

2.

page 2

Date	2590' Harvard Valley Flat		3700' Brida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2660' Genesee Flat		1416' Lewiston Airport (Weather Bureau)		760' Lewiston Downtown (Tribune Office)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	55	33	45	36/30	52	32	-	-	-	-	60	50	63	53
2	50	15	40	26	47	17	-	-	-	-	52	27	55	29
3	49	23/21	40	26	45	23	-	-	-	-	52	35	56	36
4	56	11	44	23	52	11	46	-	45	-	50	24	52	26
5	57	11	48	21	53	9	53	8	48	20	50	22	54	24
6	58	12	54	27	54	9	57	8	51	18	48	23	50	23
7	45	21	44	38/36	39	22	50	19	47	32	46	34	48	32
8	64	30	57	36	63	29	63	29	60	39	62	36	63	36
9	44	34	42/37	35	40	34	43	35	46	40	53	42	-	-
10	51	40	43	36	43	36	46	39	51	41	56	43	56	44
11	43	28	42/37	31	42	30	43	29	46	38	53	44	56	44
12	50	35	47	35	51	25	52	33	54	43	55	43	58	45
13	55	37	47	39	54	37	56	36	53	45	53	44	54	44
14	52	37	52	42	49	37	52	37	54	47/45	54	46	55	46
15	57	33	52	36	52	34	55	28	54	33	47	39	49	41
16	56	34/31	50	38	52	34	57	32/28	54	34	46	40	51	42
17	57	23	44	27	46	23	54	20	49	31	48	41	51	41
18	43	25	42/34	31	38	26	38	21	43	32	48	34	50	38
19	53	19	41	26	48	22	44	19	47	27	49	36	50	37
20	47	23	37	29	37	30	41	34	42	31	46	31	47	32
21	38	24	37	22	33	19	36	19	41	27	45	29	48	31
22	49	25	40	28	43	27	51	26	51	32	57	34	60	36
23	38	15	36/32	23	36	13	37	15	41	25	42	30	44	31
24	46	37/33	40	31	45	32	45	33	47	33	54	34	56	36
25	35	27/19	27	23/20	32	26	35	28	35	30	43	36	45	37
26	36	3	28	10	28	-2	33	3	34	7	35	19	40	19
27	36	7	25	13	31	1	34	5	31	20	38	22	40	22
28	30	26	26	21	30	26	29	26	30	27	34	29	38	31
29	35	28	30	25	35	28	33	27	37	30	44	32	44	34
30	38	17	31	22	34	19	39	12	38	16	43	27	44	27
MONTH	47.4	23.9	40.3	28.2	43.5	23.6	45.7	23.1	45.8	29.7	48.4	34.2	51.0	35.1
AVE.	35.6		34.2		33.6		34.4		37.8		41.3		43.0	

RELATIVE HUMIDITIES IN THE VICINITY OF MOSCOW, IDAHO -- PER CENT -- NOVEMBER 1967 3.

page 3

Date	1416' Lewiston Airport (Weather Bureau)		675' Wawawai Snake River Canyon		2500' Rim above Wawawai		2436' Union Creek Flat		2610' Moscow University of Idaho		Fowler's 6 miles NE of Moscow		3150' Viola Hill	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	66%	34%	-	-	86%	40%	-	-	-	-	96%	36%	96%	42%
2	83	29	-	-	82	37	-	-	-	-	100	31	74	35
3	73	36	-	-	61	38/47	-	-	-	-	95	39	57	34/39
4	89	46	-	-	-	43	-	33	-	-	100	39	59	42
5	93	47	96	39	77	47	98	32	-	32	100	35	62	39
6	94%	49%	98%	42%	78%	48%	100%	32%	84%	34%	100%	32%	61%	32%
7	74	60	95	62	84	46	88	43	55/68	50	98	45	47/77	43
8	87	44	82/99	51	99	47	84	46	74/100	54	95	46	59/97	48
9	-	-	99	67	93	84/76	100	73	100	70	100	86	97	75
10	82	66	98	55	98	62	98	72	97	74	100	75	99	86
11	87%	77%	99%	53/66%	97%	75/85%	100%	85%	99%	85%	100%	75%	90%	70/86%
12	97	76	92	77	100	89	98	90	92	77	99	92	99	72/85
13	100	83	97	84	100	69	98	73	100	71	98	68	96	48
14	99	84	99	79/84	99	64/69	97	78/84	82/99	67/76	84	77/84	77/100	49/67
15	100	93	100	71	100	70/77	100	61	100	70	100	95	92	66
16	100%	95%	99%	72%	100%	64%	98%	63%	100%	65%	100%	80%	98%	72%
17	99	80	96	66	100	100	100	70	100	68	100	76	99	56
18	100	81	89	68	100	81	100	86	100	83	100	96	100	82
19	100	71	95	54	91	56	98	52	97	56	100	91	95/100	100
20	100	59	99	59	99	64	100	67	100	70	100	80	100	77
21	100%	72%	100%	78%	98%	74%	100%	65%	100%	81%	98%	95%	100%	91%
22	98	44	95	45	96	45	100	53	90	61	98	63	95	54
23	91	75	99	60	90	77	100	73	98	72	100	80	97	65/79
24	97	36	74	38	100	45	89	51	87	49	98	52	97	52
25	67	35	72	39	95	-	93	51	80	-	98	60	100	47
26	82%	58%	92%	42%	-	-	97%	33%	98%	52%	99%	54%	64%	40%
27	73	45	86	51	71	56	98	58	76	58	97	50	58	42
28	99	78	81	60/70	99	70/80	97	70/82	98	73	93	72	98	48/74
29	88	73	98	73/87	94/100	73/78	100	86	100	89	100	97	100	80/97
30	95	57	98	45	100	54	100	63	100	66	100	92	100	67
MONTH AVE.	93%	62%	90%	60%	92%	62%	96%	60%	93%	60%	98%	67%	89%	62%
		78%		75%		77%		78%		76%		82%		76%

ADDITIONAL RELATIVE HUMIDITY AND TEMPERATURE RECORDS - NOVEMBER 1967

4.

page 4

Date	RELATIVE HUMIDITIES												TEMPERATURES	
	2590' Harvard Valley Flat		3700' Emida Ridge (H-S Ski Bowl)		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow		2660' Genesee Flat		2540' S. Palouse Flat (1 mi. S. of Moscow)		Fowler's 6 miles NE of Moscow	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	Max.	Min.
1	98%	34%	98%	42%	100%	42%	-	-	-	-	-	-	53/51	36/29
2	100	30	99	29	100	37	-	-	-	-	-	-	46	22
3	96	35	72	42	99	49	-	-	-	-	-	-	46	24
4	100	28	72	38	100	38	-	35	-	47	-	42	46	19
5	100	31	90	41	100	37	100	32	99	49	99	40	49	20
6	100%	26%	81%	33%	100%	35%	100%	28%	100%	42%	98%	39%	51	20
7	100	67	55/100	40/55	100	89	100	43	83	55	63/68	53	45	26
8	99	45	99	48	100	50	100	41	84	51	73/99	55	57	34
9	98	76	100	100	100	94	100	83	99	76	99	80	41	35
10	94	77	100	80	100	92	100	99	98	79	95	77	46	38
11	100%	67/90%	100%	72/88%	100%	100%	100%	81%	96%	90%	100%	87%	41	28
12	100	92	100	97	100	100	100	89	93	86	93/100	83/85	48	40
13	100	80	100	89	100	97	100	71	100	79	100	74	52	41
14	100	71	100	52/74	100	99	100	95	95	75	80/98	68/74	52	46/44
15	100	53	100	63	100	100	100	60	100	69	100	59	49	32
16	100%	59%	100%	63%	100%	73%	100%	55%	100%	61%	100%	63%	50	33
17	100	54	100	74	100	73	100	59	100	77	100	66	48	30
18	100	88	100	60/90	100	91	100	91	100	85	98	87	40	30
19	100	38	100	52	100	64	99	77	100	69	100	55	40	35
20	100	54	100	72	100	86	100	70	100	77	100	70	41	31
21	100%	77%	100%	74%	99%	92%	98%	84%	100%	85%	-	-	36	30
22	100	45	100	60	100	83	100	55	97	54	-	-	49	31
23	100	70	99	46/90	100	85	99	74	98	69	-	-	37	21
24	84	46	99	44	100	55	99	52	97	56	-	54	46	34
25	97	48	99	51/-	98	73	94	59	98	62	-	57	33	29
26	100%	30%	-	-	100%	77%	96%	38%	95%	50%	97%	39%	29	10
27	100	38	-	-	100	92	96	46	84	69	74	58	32	16
28	94	74	-	-	100	87	87/90	76	93	81	94	70/75	31	26
29	100	82/89	100	95	98	82	100	95	96/100	77/84	100	89	34	30
30	99	60	100	100	100	85	100	60	98	67	100	67	32	16
MONTH AVE.	99%	57%	95%	65%	100%	75%	99%	62%	97%	66%	96%e	62%e	43.3	28.3
	78%		80%		88%		80%		82%		79%e		35.8	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

DECEMBER 1967

by Prof. R. L. Day; Doug Whitlock, Assisting

Date	675'		2500'		2436'		2540'		2610'		3150'		2510'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	49	36	39	31	39	31/30	35	28/27	37	31	33	29	39	30/27
2	52	36	39	34	42	34	40	28	43	31	39	29	44	32
3	54	43/38	42	36	42	37/34	38	34	41	33	38	32	40	36
4	53	36	41	36	43	34	40	34	39	35	42	33	41	35
5	56/49	35	45/38	34/31	44/36	31	42/35	30/29	43/37	33/31	34	31/28	41/36	32
6	44	27	34	27	34	25	32	24	34	28	32	26	35	27
7	47/41	35/31	37/31	29	35/32	30/20	32/31	27/26	33	30	33/30	27/26	34/32	30/25
8	47	26	35	27	36	20	32	16	34	27	30	25	31	25/24
9	42	29	40	27	42	23	33	25	35	28	33	24	35	25
10	60	39	48	36	47	39	46	35	45	37	44	33	45	36
11	57/45	38/28	47/34	30/26	47/33	30/20	46/33	30/20	47/33	31/25	44/30	25/20	45/32	30/25
12	37	21	28	19	28	12	29	12	26	18	27	14	29	15
13	35	16	24	14	25	7	28	7	23	14	23	12	28	8
14	30	14	22	10	24	7	23	5	21	12	22	7	29	5
15	29	11	21	8	22	5	21	8	20	13	23	9	25	5
16	25	13	16	11	19	8	18	11	19	13	17	11	18	10
17	27	13	22	11	27	11	24	12	24	18	24	15	25	17
18	37	24	30	21	31	24	30	21	30	23	28	21	31	21
19	31	26/23	32	26	27	21/11	25	17/8	24	20/16	20	16	28	17/12
20	26	23/21	17	15/12	19	4	19	4	19	11	19/16	12/10	19	2
21	30	16	26	9	26	10	26	-3	25	8	22	7	27	6
22	41	30	37	26	39	26	37	26	36	25	34	22	36	27
23	52	39	48	37	47	37	42	34	41	36	38	33	42	36
24	58/57	39	50/47	43/38	50/49	45/41	45/44	35	46/45	37	44/43	38	46/44	38
25	54	40	47	38	48	39	45	35	45	37	44	36	40	35
26	51	39/35	47/43	43/37	48/46	45/31	45/44	41/33	42	41/34	44/40	40/31	42	39/32
27	59	35	48	36	50	33	48	33	46	34	43	32	45	32
28	54	39	44/43	38	45	37	42	33	42	37	39	34	39	34
29	40	31	39/34	34/30	37	28	36	32/29	37/36	35/29	34	32/25	36	31/30
30	40	34	29	28	31	28	30	27	31	28	27e	23	29	28
31	45	33	36	29	35	31	33	29	33	30	31	27	32	29
MONTH AVE.	43.1	28.6	34.5	26.4	35.5	23.9	33.5	22.5	33.5	26.2	31.6	23.5	34.0	24.1
	33.8		30.4		29.7		28.0		29.8		27.6		29.0	

PRECIPITATION	Lewiston Airport	Wawa- wai	Rim above Wawa.	Univ. Idaho	Pot- latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Bovill 2 1/2 mi. S.
December 1 - 9	0.11	) 0.39	) 0.29	0.57	0.67	) 0.76	0.68+	) 1.12	1.24
" 9 - 16	0.01	)	)	0.12	0.07	)	0.37+	)	0.22
" 16 - 23	0.26	0.53	0.71	1.02	-	1.18e	1.88+	1.45	2.12
" 23 - 31	1.18	0.63	1.52	1.64	-	1.55	1.25+	1.98	1.29
Totals	1.46	1.52	2.47	3.35	-	3.49	4.18*	4.55*	4.87

*May be about 0.15 inch too low.

Date	2590 [†] Harvard Valley Flat		3700 [†] Emida Ridge (N-S Ski Bowl)		2880 [†] Bovill (2½ mi. north)		2635 [†] Subalpine Fir Meadow		2660 [†] Genesee Flat		1416 [†] Lewiston Airport (Weather Bureau)		760 [†] Lewiston Downtown (Tribune Office)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	41	25/23	34	23	35	24/22	39	23/19	40	31/28	47	34	51	35
2	43	-	32	30	40	29	41	19	42	28	52	34	54	33
3	43	29	33	30	39	28	42	26	40	30	50	34	50	35
4	47	32	35	30	38	32	40	29	44	35	47	38	52	40
5	45/35	29	30	28/22	42/34	32/30	40/34	30	45/37	33/32	43	37	40	38
6	38	22	28	20	32	19	35	17	33	24	39	29	40	31
7	37/33	28/22	28	25/21	31	21	33/32	30/27	34	28/20	42	32	45	34
8	32	19	25	23	32	24	33	24	34	13	40	27	44	29
9	34	16	29	22	30	13	31	10	36	23	47	28	44	33
10	46	31	37	29	35	30	43	31	42	35	50	33	52	35
11	46/36	28/21	37/26	24/19	42/34	30/18	43/33	29/16	47/34	31/24	40	31	42	32
12	35	8	22	12	22	-4	29	5/2	33	16	35	22	36	24
13	32	1	19	4	18	-11	27	-2	26	6	28	12	31	14
14	34	-2	19	2	16	-14	24	-5	22	3	26	8	28	11
15	30	0	24	6	19	-11	23	-5	22	6	24	6	26	9
16	20	4	13	9	18	-2	16	1	17	8	20	9	22	13
17	26	17	20	11	24	13	24	15	24	14	23	13	26	18
18	30	19	22	15/14	29	16	28	17	30	22	30	20	35	20
19	26	12e	15	10	24	8	25	11	24	17/11	30	25	32	21
20	20	7e	16	8	21	0	19	3	18	8	24	14	27	21
21	26	3	18	5	24	2	23	-2	24	-4	26	15	29	14
22	37	26	31	20	33	24	33	23	37	24	43	24	48	29
23	40	35	36	31	36	31	40	32	42	35	50	43	54	39
24	44/41	36	39	34	36	33	38	22	46	38/37	49	43	49	37
25	42	34	39	32	37	33	42	33	46	36	41	38	42	38
26	43	39/33	39	35/30	42	34/30	45	37/25	46/45	44/31	50	38	54	37
27	45	32	40	31	44	32	44	27	48	32	51	35	52	37
28	40	32	40/33	30	37	31	38	29	43	34	50	40	54	41
29	39	32	33	29/25	38	31/27	37	29	36	31	40	32	42	33
30	34	29	27	22	30	26	31	27	31	28	38	33	41	36
31	32	28	27	23	30	24	31	24	34	31	40	30	41	33
MONTH	35.5	21.3	28.0	20.3	30.9	18.3	32.9	18.3	34.3	22.6	40.7	27.6	41.4	29.0
AVE.	28.4		24.2		24.6		25.6		28.4		34.2		35.2	

SNOW DEPTHS	Wawa- wai	Rim above Wawa.	Moscow U. of I.	Pot- latch	Har- vard	1 mi. S. of G.P.	Emida Ridge	Dovill 2½ mi. N.	Subalp. Fir Mead.	Gen. Flat	
December	2	0	T	0.5	T	T	-	6.0	3.0	0.5	T
"	9	0	T	T	0	T	-	10.0e	6.0	4.0	1.0
"	16	1.0	2.0	2.0	1.5	1.5	-	13.0	6.0	6.0e	1.0
"	23	0	T	0.5	T	0.5	-	24.0e	14.0	9.0	0.5
"	31	0	2.0e	2.0	1.5	2.0	2.0	9.0	9.0	3.0	1.5

Date	1416' Lewiston Airport (Weather Bureau)		675' Wawawai Snake River Canyon		2500' Rim above Wawawai		2436' Union Creek Flat		2610' Moscow University of Idaho		Fowler's 6 miles NE of Moscow		3150' Viola Hill	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	71%	45%	82%	49%	70%	60%	88%	69%	79/84%	65/72%	100%	90%	83%	68%
2	70	38	77	40	64	43	88	55	82	48	100	57	71	47
3	82	60	65/94	52	80/96	47/62	96	60/70	94	56/65	98	74	87/99	56/74
4	90	75	94	56	87	69	97	76	95	74/80	100	98	96	66
5	94	60	95	54	100	58	99	73	95e	66e	100	67	100	67/73
6	82%	57%	88%	47%	70%	42%	88%	62%	79%	60%	98%	60%	82%	59%
7	98	66	90	40/78	100	37/90	100	55/96	100	58/92	98	60/95	100	48/100
8	97	70	99	62	97	71	100	83	100	85	100	86	100	99
9	-	-	100	76	99	68/74	100	85	97	93	100	97	99	82/94
10	92	63	90	48	84	57	85	65	94	82	100	97	96	70
11	87%	42%	73/81%	44%	89%	50%	93/99%	60%	92/96%	49%	99%	55%	97%	50%
12	91	45	92	50	93	55	99	55	85	67	100	85	86	59
13	84	62	96	58	85	65/71	98	67	92	63			88	71/77
14	84	60	96	64	91	58	97	53	91	57	not function-		85	66
15	88	60	94	62	91	67	95	65	81	65	ing properly		83	57
16	88%	73%	94/99%	85%	91/100%	82/84%	97%	84%	89%	74/83			100%	82%
17	91	82	85/98	62	100	75	100	85	90	82	-	-	91/95	66/91
18	93	76	85/93	62/66	81/100	68	92	70	92	64	-	-	98	54
19	97	82	95	81	100	100	100	78	97	76	-	82	98	96
20	92	83	93	82	100	100	100	100	93	86	98	93	96	94
21	87%	76%	90%	79%	100%	100%	100%	90%	93%	79%	97%	88%	97%	90%
22	78	68	99	79/89	100	81/88	100	88	94	81	100	98	100	98
23	70	62	100	63	95	64	100	80	91	71	100	95	99	86
24	95	60	84/100	48	73/100	56/60	80/98	66	83/100	61	100	99	100	72
25	100	91	100	81	100	92	100	97	100	99	100	100	100	100
26	100%	78%	99%	69%	100%	69%	100%	82%	100%	85%	100%	100%	100%	88%
27	100	71	100	56	100	66	100	75	99	75	100	90	100	74/86
28	90	71	93	56/66	95	86	98	78/86	99	77	99	89	100	92
29	100	93	100	79	100	95/100	100	100	100	100	100	95	100	95/100
30	90	71	82	72	100	86	100	88	100	76	99	81	100	85
31	100	86	94	85	100	92	95/100	90	100	74/97	100	87/91	100	73/100
MONTH AVE.	90%	68%	94%	65%	94%	73%	97%	77%	94%	75%	-	-	95%	80%
	79%		80%		84%		87%		84%		-		88%	

RELATIVE HUMIDITIES

TEMPERATURES

Date	2590 [*] Harvard Valley Flat		3700 [*] Emida Ridge (N-S Ski Bowl)		2880 [*] Bovill (2½ mi. north)		2635 [*] Subalpine Fir Meadow		2660 [*] Genesee Flat		2540 [*] S. Palouse Flat (1 mi. S. of Moscow		Fowler's 6 miles NE of Moscow	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	Max.	Min.
1	99%	54%	100%	81%	100%	80%	100%	56%	79/87%	63%	84%	69%	36	25/22
2	98	42	92	63	100	56	98	51	87	55	82	54	39	23
3	94/95	54/66	100	63/92	99	78	98	64	92	70	87/97	64/71	38/36	31
4	100	57	100	83	100	94	100	80	95	80/85	91/95	75/80	38	33
5	100	67	100	91	100	79/84	100	67	100	67	98	73	36/35	30
6	92%	49%	94%	62%	99%	75%	98%	58%	88%	63/72%	88%	63%	34	23
7	99	45/88	97	89	100	84/95	98	54/87	100	70/92	100	62/94	32	30/26
8	99	90	98	94	100	84	98	84	100	87	99	89	33	26/24
9	100	91	100	94/96	100	100	100	98	98	74	95	74/92	32	20
10	100	69	100	83	100	99	98	76	90	72	88	71	38	32
11	95%	42%	94%	41%	100%	51%	95%	47%	92%	60%	95/97%	55%	33	30/22
12	97	38	81	46	100	81	93	48	91	59	99	67	23	12
13	96	43	95	55	-	-	93	55	97	76	97	62	20	5
14	94	36	94	43	-	-	93	54	97	66	97	56	18	2
15	95	41	87/93	47	-	90	92	56	93	72	94	67	18	3
16	95%	89%	95%	76%	100%	100%	93%	87%	94%	90%	94%	82/92	16	8
17	93	85	97	93	100	94	94	86	100	95	93	90	24	16
18	95	68	97	80	100	75	93	68	100	77	100	73	30	20
19	100	70	100e	95e	100	86	95	80	100	90	100	87	25	20
20	96	90	100e	95e	100	90	99	88	100	97	99	96	18	6
21	96%	83%	100%e	92%e	100%	89%	93/98%	87%	100%	93%	99%	91%	23	2
22	95/97	84	100	100	100	100	100	99	98	90	97	89	34	23
23	94	74	100	92e	100	100	100	91	95	85	100	84	39	33
24	86/100	64	100	79	100	100	100	98	89/100	74	96	78	37	31
25	100	100	100	96	100	100	100	100	100	95	100	99	41	34
26	100%	85%	100%	67%	100%	96%	98%	72%	100%	88%	100%	83%	42/40	39/35
27	100	85	100	55	100	90	100	80	100	76	100	80	44	32
28	100	87	100	94	100	95	99	86	98	84	100	83	40	35
29	100	80	100	85	100	80	100	80	100	99	100	98	35	31/29
30	100	75	97	73	100	92/82	94	75	98	82	99	81	31	27
31	100	94/98	93/97	71	100	99	98	96	96	79/87	99	77/98	32	28
MONTH AVE.	98%	71%	97%	78%	100%	88%	97%	76%	97%	80%	96%	80%	31.4	22.5
	84%		88%		94%		86%		88%		88%		27.0	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

JANUARY 1968

by Prof. R. L. Day

675'	2500'	2540'	2610'		3150'	3700'	2880'
Wawawai	Rim	S. Palouse	Moscow		Viola	Enida	Bovill
Snake River	above	Flat (1 mi.	University		Hill	Ridge	(2½ mi.
Canyon	Wawawai	S. of Moscow)	of Idaho			(N-S Ski	north)
						Bowl)	

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	46/41	36/33	46/31	32/29	36/32	30/21	36/31	30/23	33/28	29/22	28/26	25/15	34/33	30/9
2	37	29	32e	23e	26	14/10	24/22	14	20	11	17	5	19	-6
3	37	24	31	18	-	9	28	16	26	15	21	10	24	8
4	42	26	37	22	32	-	33	23	32	22	25	19	28	16
5	42	34	35/30	25	31/29	24/17	32/27	25/19	32/25	22/19	34/22	19/16	28/26	14/-5
6	36	25	27	18	26	2	26	11	27	16	26	10	30	-15
7	41	28	34	23	31	20	32	21	27	22	24	16	29	-4
8	44	35/33	34	27	30/27	15	30	19	29/28	23	23	20	30	14
9	53	33	40	27	39	25	40	27	37	25	30	20	36	17
10	48/42	37/33	39/32	28	38/30	27/22	39/31	28/26	37/30	25	30/22	21/19	38/32	28/25
11	46	32/31	35	26/24	31	24/21	33	26/23	29	23	22	19	30	25/3
12	45	30	37	21	30	18	32	19	33	21	28	16	26	-7
13	55	39	43	35	40	30	40	32	39	31	37	26	39	24
14	48	41	41	37	43	34	41	36	41	33	39	32	37	24
15	51	42	43	38/35	40	34/33	41/40	37	41/38	37/34	40/34	33/29	40	30
16	46	35	38	32	38	30/29	38	33	36	32	31	25	34	19
17	47	39	38	31	35	27	36	29	32	27	27	23	36	26/24
18	54	34	44	34	40	29	43	29	39	30	37	23	38	19
19	53	46	44	39	44	34	45	37	41	36	36	29	35	22
20	60	42	51	39	47	37	46	39	45	39	41	33	42	30
21	57	45	50	41	52	37	46	39	46	39	38	34	39	33
22	51	38	43/39	35	42	35	40	34	43/40	23	41	26	42	27
23	50	36	41	31	46	32	43	33	43	31	44	28	40	19
24	59	34	53	32	49	36/34	49	37/36	44	37/32	37	31/28	40	18
25	46/43	30	32	27/25	32	24/23	32	26	29	23	31/22	18	38/32	16
26	40	23	27	20/18	29	20/15	29	20/17	28	21/14	19/17	11/4	29	-5
27	27	20/17	17	12	20	10	17	10	14	9	14	-2	20	-4
28	32	15	25	12	27	10	25	11	25	10	20	1	31	-5
29	38	22	40	23	38	20	37	20	36	22	29	15	38	3
30	49	30	46	-	39	30/28	40	33/30	36	26	30	22	39	26
31	44	26	-	27	34	20	36	24	33	22	25	18	35	8
MONTH	45.5	32.0	37.1	27.5	35.4	23.1	35.1	25.6	33.1	24.1	28.6	19.2	33.0	12.4
AVE.	38.6		32.3		29.2		30.4		28.6		23.9		22.7	

PRECIPITATION	Wawa- wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2½ mi. N.	
Jan. 1 - 14	0.69	0.43	0.73	1.06e	1.65	1.51	Record near Bovill main- tained by Mr. Eldon Loe
" 15 - 22	)0.05	0.05	0.21	0.77	0.85	0.73	
" 22 - 31	)0.05	0.05	0.08	0.28	0.30	0.39	
Totals	0.74	0.48 stick	1.02 stick	2.11 (2.32) stick	2.80+ (3.07) stick	2.63 stick	

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JANUARY 1968

Date	675'		2500'		2540'		2610'		3150'		2880'	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	Wawawai Snake River Canyon		Rim above Wawawai S.		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill		Bovill (2½ mi. north)	
1	84/97%	60%	100%	75/94%	100%	87%	-	80%	100%	84%	100%	85%
2	84	52	96	61	95	65	92	64	95	70	97	90
3	88	67	89	75	-	-	92	70	94	86	97	95
4	93	66	85	61	97	74	88	70	93	77	99	94
5	100	51	100	60	100	78	100	73	100	90	100	82
6	94%	62%	93%	65%	97%	71%	94%	66%	89%	64%	95%	74%
7	84	47	63/100	46	74	60	70/100	50	71	60	100	88
8	97	54	100	59	100	80	100	70	100	71	99	89
9	81	54	93	73	95	73	94	73	97	70/80	100	95
10	99	53	100	57	100	76	100	69	100	80	99	91
11	85%	45%	98%	54%	98%	70%	96%	61%	99%	73%	98%	92%
12	80	41	74	38	88	57	90	51	81	48	93/98	91
13	80	47/50	83	44/55	85	56	81	46/56	90	47/61	100	92
14	67/96	52	96	52/62	80	58	79/93	60	89/97	65	100	100
15	91	64/69	99	65/72	99	74/85	96	87	100	66/90	100	97
16	99%	58%	99%	78%	98%	85%	100%	83%	100%	82/90%	99%	97%
17	96/77	50	79	60	91	68	86	68	92	74	96	85
18	82	34	68	37	86	51	88	40	82	51	98	73
19	42/52	38	43/57	39	60/72	45	50	39	54	45	100	98
20	66/71	42	66	52	85	58	61/65	54	62/74	53/56	100	92
21	90%	61/63%	96%	62/80%	100%	83%	100%	63/92%	98%	93%	100%	98%
22	98	68	100	96	100	92	100	94	100	87	100	93
23	96	63	100	70	100	65	100	74	99	57	99	98
24	99	44	96	40	82	65	80/92	60	95	62/66	100	70
25	85	45	86/96	57	98	69	92/96	63	96	76	98	82
26	95%	38%	100%	43%	100%	50%	100%	43%	99%	50%	99%	51%
27	56/62	40/46	69/81	47/55	64/74	59/64	66/80	52	70/84	56/64	95	72
28	92	60	97	67	93	64	92	72e	95	67	96	57
29	84	58	67	46	80	55	82	60	81	56/58	98	61
30	93	36	97	35	94	47	95	38	100	52	97	52
31	92	50	-	-	99	64	96	62	99	75	100	72
MONTH AVE.	88%	52%	90%	60%	92%	68%	92%	64%	92%	70%	99%	85%
		70%		75%		80%		78%		81%		92%

SNOW DEPTHS

	Wawa-wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2½ mi. N.	Subalpine Fir Meadow
January 2	0	1.5	4.0	4 e	12 e	12.0	11 e
" 13	0	2.0e	4.0	-	-	19.0	10*
" 20	0	0	T	-	-	18.0	-
" 27	0	0	0	-	-	14.0	-
" 31	0	0	T	6 e	18 e	18 e	3**

e = estimated

*6 inches on hilltop near subalpine meadow
 **trace " " " " " "

ADDITIONAL RECORDS

JANUARY 1968

Date	2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2590' Genesee Flat		Fowler's 6 miles NE of Moscow		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		Fowler's 6 miles NE of Moscow	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low
1	-	-	-	29	37/30	30/25	34/33	30/20	-	-	99%	85%	-	88%
2	21	8	22	-1	25/22	6	22	8	95%	60%	96	69	96%	81
3	24	11	26	7	26	8	-	10	96	81	95	81	-	-
4	28	19	31	9	33	12	31	-	96	77	96	80	94/99	82
5	29/25	26/19	31/29	24/3	31/29	25/16	31/28	24/11	99	74	98	74	100	82
6	28	8	32	-7	24	3	27	3	93%	57%	92%	55%	96%	75%
7	27	15	29	-4	31	15	29	16	83	58	94	65	94	61
8	30	19	30	3	31/26	6	30	10	98	66	98	76	99	95
9	38	22	37	16	38	25	36	24	98	75	98	94	98/100	92
10	38/27	26/23	35/32	28/21	38/28	27/22	32	27/22	100	86	99	75	100	74
11	29	22/19	33	24/5	31	21	32	23/16	97%	84%	97%	76%	99%	69%
12	30	15	33	-3	31	14	-	15	92	45	92	54	98	-
13	44	27	47	23	39	31	record		88	55	98	58	record	
14	38	31	36	20	39	32	terminated		98	85	98	96	terminated	
15	40/38	35/33	36	29	39	34			99	62/90	100	93		
16	37	27	37	15	36	28			100%	84%	99%	95%		
17	32	24	34	21	35	21			87	64	96	64		
18	39	26	42	17	41	25			75	41	97	43		
19	40	30	39	21	43	34			54	40	98	50		
20	45	34	45	26	45	34			61/88	45	100	54		
21	40	35	40	33	43	37			100%	76/96%	100%	97%		
22	38	29	39	21	39	23			100	94	99	93		
23	43	26	44	18	43	33			100	61	99	64		
24	40	30	39	17	47	33			93	54	100	62		
25	32/27	20/18	29	22/10	31	26/19			90/99	67	93	66		
26	24	14/10	-	-	25	16			99%	39%	-	-		
27	12	1	-	0	16	5			63/92	51	-	-		
28	23	3	-	-2	22	5			93	54	-	-		
29	35	15	-	-	35	16			75	44	-	-		
30	37	27	42	-	41	28			97	40	-	42		
31	30	20	-	-	34	22			100	55	-	-		
MONTH AVE.	32.3	20.8	33.5e	11.8e	33.6	21.0			93%	65%	97%e	69%e		
	26.6		22.6e		27.3				81%		83%e			

e = estimated

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

FEBRUARY 1968

by Prof. R. L. Day

Date	675' Wawawai Snake River Canyon		2500' Rim above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow)		22610' Moscow University of Idaho		3150' Viola Hill		3700' Emida Ridge (N-S Ski Bowl)		2880' Bovill (2½ mi. north)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	54	42	46	-	45	33	45	35	38	29	35	29	42	29
2	62	42	52	38	45	34	47	35	40	30	34	29	41	29
3	55	48	48	40	46	34	46	37	40	33	36	31	44	34/33
4	52	45	49	42	43	39	46	39	42	37	36	33	37	33
5	52	31	44	32	45	30	45	31	40	28	38	24	46	31/26
6	42	28	38	31	48	28	46	29	43	30	41	20	40	12
7	40	30	32/31	30	32	26	35	24	36/29	25	43	22	43	9
8	39	37	30	28	30	28	33	29	27	25	44	22	38	23
9	41	36	32	28	47	27	47	27	37	23	47	24	40	10
10	41	35	31	28	37	23	38	23	33	24	49	25	42	3
11	36	34	27	26	30	26	32	28	30	23	50	29	40	23
12	-	31	44	24	47	23	45	25	44	27	38	27	42	12
13	-	-	39	23	40	20	38	22	40	24	31	15	39	7
14	-	21	37	23	36	22	35	23	37	23	25	13	34	7
15	-	-	36	25	40	28	39	29	36	26	36	16	39	17
16	-	-	45	27	45	26	44	28	43	27	45	19	46	10
17	Clock		44	35	43	28	44	31	43	33	41	24	45	20
18	trouble		49	37	47	38	48	38	46	28	37	30	40	33
19	-	-	52	41	50	42	50	42	48	39	40	33	40	34
20	-	-	55	46	57	44	55	45	51	41	42	37	49	33
21	-	-	52	43	50	44	50	43	46	41	38	34	43	33
22	-	-	47	43	46	41	47	42	43	40	37	34	42	33
23	66	-	57	43	56	43	56	42	53	40	44	34	53	34
24	-	-	53	42	53	40	53	42	49	37	44	34	49	35
25	-	-	55	36	56	37	55	37	53	35	53	28	56	21
26	61	40	55	40	56	33	56	37	52	41	52	32	57	28
27	63	38	57	37	60	31	57	37	55	38	53	32	60	21
28	64	35	58	37	63	31	62	39	60	41	62	33	63	23
29	65	39	62	41	63	36	63	41	60	43	63	36	64	22
MONTH	51.8	36.1	45.4	34.6	46.8	32.2	46.8	33.7	43.3	32.1	42.6	27.4	45.3	22.6
AVE.	44.0	e	40.0		39.5		40.2		37.7		35.0		34.0	

PRECIPITATION	Wawa- wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G. P.	Emida Ridge	Bovill 2½ mi. N.	e = estimated, by comparing avail- able records with those at other stations.
February 1 - 3	0.05	0.04	0.24			0.12	
" 4 - 10	0.45	0.32	0.32			1.17	
" 11 - 17	2.80	3.43	3.49			6.79	
" 18 - 24							
" 25 - 29	0	0	0			0	
Totals	3.30	3.79	4.05	6.75*	5.60*	7.98	*Further breakdown of Giant Pine and Emida Ridge records not available, as charts not located.

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

FEBRUARY 1968

Date	675' Wawawai Snake River Canyon		2500' Rim above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho		3150' Viola Hill		2880' Bovill (2½ mi. north)	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	-	50%	-	46%	88%	58%	84%	55%	88%	65%	100%	82%
2	91	42	86	48	99	83/77	100	63/71	100	63/79	100	71/81
3	62	52/57	79/94	55/66	95/98	74	91/100	72	96	78/83	100	80
4	97	63	88	73	97	90	100	80	100	87	100	98
5	99	50	100	54	100	45	100	52	100	57	100	57
6	100%	79%	97%	64/85%	100%	67%	100%	74%	99%	63/71	100%	83%
7	97	78	100	100	100	98	100	96	100	78/100	98/100	68
8	88	70	100	97	100	91	100	90	100	100	100	75
9	84	68	100	100	100	58	100	64	100	90	98	74
10	88	67	100	100	100	82	100	84	100	58	95/100	60
11	82/86%	75%	100%	100%	100%	93%	100%	96%	100%	93%	100%	70%
12	99	31	100	28	99	35	100	38	99	35	99	26
13	-	-	57	32	84/91	43	56/74	42	48	40/41	98	24
14	-	-	57	40	91	46	74/82	52	53/86	45/51	100	42
15	-	-	-	-	93	65	92/100	72	95	76	100	52
16	-	-	-	56%	100%	55%	97%	61%	89%	65%	100%	40%
17	-	-	-	67	98	65	98	69	87	73	100	52
18	Clock		100	61	100	80	100	78	100	86	100	97
19	trouble		-	71/78	99	86	100	88/97	100	99	100	100
20	-	-	100	64	100	68	100	69	100	82	100	87
21	-	-	99%	70%	98%	84%	100%	84%	100%	94%	100%	93%
22	-	-	83	-	97	84	96	85/88	98/100	89	100	97
23	-	-	-	-	96	59	100	58	99	66	100	52
24	-	-	-	-	94	57	92	58	97	69	100	46
25	-	-	-	-	96	60	94	63	94	68	98	37
26	94%	47%	92%	55%	100%	54%	96%	54%	79%	58%	100%	42%
27	97	44	94	59	100	41	98	50	90	58	100	32
28	99	45	99	47	100	41	97	43	80	48	100	23
29	95	44	91	56	99	46	83	47	71	50	100	26
MONTH AVE.	88% _e 77% _e	54% _e	92% 79%	66%	98% 82%	66%	96% 82%	67%	93% 82%	72%	100% 81%	62%

e = estimated by comparing available records with those at other stations.

Record near Bovill maintained by Mr. Eldon Loe.

Hygrothermograph at Bovill replaced with instrument containing much more responsive humidity element this month. Humidities believed to be very accurate - as accurate as on any available instrument.

ADDITIONAL RECORDS

FEBRUARY 1968

TEMPERATURES, Cont.

RELATIVE HUMIDITIES, Cont.

Date	2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2590' Genesee Flat		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow	
	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low
1	33	24	-	-	45	32 ^e	98%	54%	-	-
2	47	32	-	-	45	34	-	50	-	-
3	43	33	Clock		46	36	98	64	Clock	
4	46	28	trouble		46	40	100	82	trouble	
5	42	28	-	-	43	32	99	46	-	-
6	43	32	-	-	41	28	97%	48%	-	-
7	48	26	-	-	33	30	100	95	-	-
8	33/31	23	-	-	32	28	100	99	-	-
9	29	25	-	-	42	28	100	48	-	-
10	47	21	-	-	38	26	100	54	-	-
11	43	22	35	-	30	27	100%	100%	-	93%
12	45	24	47	16	44	25	100	25	100	33
13	-	25	42	32	36	23	40/42	22	97	30
14	pen		37	8	33	20	54/75	38	99	41
15	trouble		40	18	39	27	86	48	100	52
16	-	-	48	12	44	26	90%	40%	100%	42%
17	-	-	47	20	44	31	84/100	52	100	53
18	46	-	42	34	49/47	39	100	72	100	98
19	47	41	46	37	50	43	100	97	100	100
20	57	44	54	37	56	43	100	52	100	66
21	47	42	46	36	50	44	100%	78%	100%	87%
22	-	-	45	36	47	44	100	79/82	98	86/90
23	57	-	57	36	58	44	100	42	100	51
24	54	40	53	32/29	53	42/39	89	42	99	47
25	-	-	57	21	56	35	95	39	100	42
26	-	-	59	27	56	36	93%	48%	100%	47%
27	-	31	60	21	56	30	97	40	100	42
28	-	33	64	21	60	31	96	28	100	32
29	63	38	66	20	62	33	80	31	100	32
MONTH AVE	46.2 ^e	30.7 ^e	47.6 ^e	23.6 ^e	46.1	32.9	94%	56%	100% ^e	61% ^e
		38.4 ^e		35.6 ^e		39.5		75%		80% ^e

e = estimated

SNOW DEPTHS	Wawa-wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Emida Ridge	Bovill 2 1/2 mi. N.	Subalpine Fir Meadow
February	3	0	0	4 ^e	15	14	1
"	10	0	0	patches	9	12	patches
"	17	0	0	T	6 ^e	6	T
"	24	0	0	0	2 ^e	patches	0
"	29	0	0	0	patches	T	0

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

MARCH 1968

by Prof. R. L. Day

675'	2500'	2540'	2610'		3700'	2880'
Wawawai	Rim	S. Palouse	Moscow	3150'	Emida	Bovill
Snake River	above	Flat (1 mi.	University	Viola	Ridge	(2½ mi.
Canyon	Wawawai	S. of Palouse	of Idaho	Hill	(N-S Ski	north)
					Bowl)	

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	71	44	64	44	68	42	66	43	63	44	65	40	66	23
2	66	35	58	41	62	29	60	34	57	43	62	40	64	24
3	68	41	61	41	60	37	61	41	61	41	58	39	59	28
4	70	46	63	46	65	46	65	46	63	47	65	41	66	29
5	56	53/50	53/47	53/43	52	47/41	54	48/42	56	51/40	56	48/35	56	29
6	56	36	50	34	48	30	49	33	45	33	44	27	47	29
7	54	35	47	34	48	33	49	33	47	34	45	28	47	23
8	56	41	47	36	46	32	48	36	46	35	41	33	43	29
9	56	31	48	35	50	23	50	27	47	33	43	29	47	19
10	58	30	49	33	49	24	51	29	46	34	45	27	46	21
11	58	35	48	35	48	31	50	34	46	35	50	28	49	19
12	61	49	57	43	57	40	59	41	54	43	56	38	58	28
13	57	43	49	38	48	35/32	50	37	45	34	42	30	45	31
14	60	39	49	36	47	30	49	35	46	32	38	29	39	25
15	61	38	52	36	50	34	53	35	47	34	44	29	48	29
16	57/55	49/45	50	47/41	50	44/40	52	45/41	48	43/38	46	38/34	52	35
17	58	43	47	36	46	34/32	48	34	45	31	40	28	42	31
18	57	35	45	32	43	26	44	28	43	29	39	25	41	24
19	59	29	50	30	50	22	52	28	47	32	46	26	50	18
20	66	31	56	34	54	27	57	30	51	35	53	26	56	19
21	67	38	61	37	61	30	63	35	58	37	61	36	62	19
22	73	46	64	46	63	43	64	43	60	46	65	37	65	27
23	66	40	58	44	57	31	57	35	53	42	53	39	59	28
24	60	49	52	40	50	40/37	51	39	47	37	45	34	50	36/28
25	58	43	46	34	44	37/35	44	38/36	43/40	38/33	36/34	30	39	26
26	58	41	47	34	46	32	47	34	43	31	34	28	44	32
27	61	44	51	39	49	39	50	39	46	37	38	30	42	32
28	63	51	51	42	49	43	50	43	45	39	42	37	45	41
29	64	47	54	43/38	52	43/41	52	44/42	49	42/35	44	37/31	52	36
30	56	33	48	29	47	26	47	27	41	25	43	21	45	21
31	65	36	58	33	57	30	57	32	52	35	51	25	58	20
MONTH AVE.	61.1	40.1	52.5	37.5	52.1	33.3	53.2	35.9	49.4	36.3	48.0	31.6	51.0	29.8
		50.6		45.5		42.7		44.6		42.8		39.8		40.4

PRECIPITATION	Wawa-wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. N.	Record near Bovill maintained by Mr. Eldon Loe
March 1 - 10	T	T	T	T	T	T	
" 10 - 15	0.14	0.12	0.40	0.60e	0.48e	1.04	e = close estimat
" 15 - 23	0.33	0.31	0.15	0.10e	0.23	0.02	
" 23 - 31	0.60e	0.50e	0.81	1.15	1.20	1.12	
Totals	1.07	0.93	1.36	1.85	1.91	2.18	

ADDITIONAL RECORDS

MARCH 1968

Date	TEMPERATURES, Cont.						RELATIVE HUMIDITIES, Cont.				SOUTH PORTLAND, MAINE 282 Highland Ave. (For Comparison)			
	2065' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2590' Genesee Flat		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		Temperature		Relative Humidity	
	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	Max.	Min.	High	Low
1	66	-	67	20	67	37	-	-	100%	29%	34	30	100%	63%
2	-	-	64	21	63	30	-	-	100	39	45	28	65	26
3	-	-	59	27	62	39	-	-	100	47	34/24	17/12	71	38
4	-	-	69	27	65	39	-	-	100	33	35	7	68	31
5	-	-	52	27	52	44/40	-	-	100	56	42	16	80	38
6	-	-	49	29/27	48	29	-	-	99%	40%	32	19	59/82%	44%
7	-	-	49	21	50	30	-	-	100	35	33	12	96	20
8	-	-	48	27	44	35	-	-	100	53	38	16	62/70	24/29
9	-	-	50e	19	48	25	-	-	100	36e	50	22	98	35
10	-	-	52	19	49	25	-	-	100	37	34	27	100	94
11	-	-	53	17	50	31	-	-	100%	37%	51	34	100%	22%
12	-	-	58	27	57	37	-	-	96	32	32	22	42/97	26/53
13	-	-	52	30	49	33	-	-	100	37	31	26/25	100	94
14	-	-	45	23	49	30	-	-	100	56	32	16	97	32
15	-	-	52	29	52	35	-	-	99	45	38	8	93	52
16	-	-	53	36	51	42	-	-	93%	44%	44	33	97%	72%
17	-	-	46	34/30	46	35	-	-	99	45	42	38	100	98
18	-	27	44	20	46	27	-	-	100	44	41	39	99	93
19	50	25	52	15	50	22	96%	45%	100	36	45	40	99	96
20	55	28	57	16	54	25	92	31	100	25	47	39	100	94
21	62	32	62	17	62	31	85%	35%	100%	26%	56	36	100%	60%
22	63	40	65	26	62	39	68	37	100	27	39/35	34	100	99
23	58	35	60	24	59	30	92	46	100	33	45	33	100	100
24	49	38	51	35	52	40/37	93	52	93	40	40	32/29	100	36
25	40	34	38	23	42	36/33	100	-	100	92	47	25	56	15
26	45	31	46	32	48	32	100%	54%	100%	50%	44	20	97%	52%
27	46	35	46	35	50	36	94	64/77	99	77	50	34	96	54
28	46	41	47	42	50	43	98	87	97	78/85	55	30	100	40
29	50	40	51	35	53	43/41	99	44	100	40	44	31	100	82
30	46	26	47	20	45	27	83	35	99	32	57	32	100	20
31	56	28	57	19	55	29	77	30	100	24	59	28	78	22
MONTH AVE.	--	--	52.9	25.4	52.6	33.0	--	--	99%	43%	42.0	26.3	92%	54%
			39.2		42.8				71%		34.2		73%	

Record at South Portland, Maine, maintained by Mr. E. T. Richardson, Jr.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

APRIL 1968

by Prof. R. L. Day

Date	675'		1500'		2500'		2540'		2610'		3150'		2880'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill		Bovill (2½ mi. north)	
1	62	40	-	-	54	41	59	35	58	38	55	39	50	28
2	50	45	-	-	40	37	42	39	42	38	40	36	45	37
3	59	36	-	-	50	37	48	30	49	32	44	34	46	32
4	65	41	-	-	55	39	55	39	55	38	51	38	54	33
5	56	44	-	-	48	36	47	36	48	36	43	32	45	35/30
6	55	41	-	-	45	33	45	29	45	31	39	28	35	27
7	57	39	52	38	49	35	46	32	48	32	42	30	42	30
8	62	33	58	34	55	34	52	28	52	30	47	32	51	23
9	74	40	71	42	66	39	65	37	65	36	61	37	63	25
10	83	43	77	50	75	47	73	34	74	42	70	48	72	25
11	71/55	47	73/50	42	68/48	38	64/47	39	64/46	37	62/42	35	56/46	39/35
12	46	35	42	29	38	27	40	28	39	28	36	25	36	27
13	55	26	51	27	48	26	47	38	47	22	44	23	46	16
14	57	39	54	40	51	38	50	32	48	35	46	36	47	28
15	57	44	52	39	48	36	47	34	48	33	44	32	46	34
16	54	35	48	30	46	29	46	26	46	27	40	26	39	29
17	59	28	54	29	51	28	51	20	52	23	47	27	53	18
18	63	30	59	34	54	32	54	22	56	29	51	33	54	19
19	56	40	52	36	48	30	47	30	46	36	41	27	43	31/30
20	55	38	49	33	46	31	45	27	48	30	44	28	42	18
21	58	34	54	31	49	30	48	20	49	25	44	27	50	20
22	67	33	61	36	58	32	56	22	60	30	52	31	58	20
23	60	42	57	45	53	40	55	38	56	39	51	40	55	23
24	62	44	57	37	53	36	52	26	54	32	48	33	50	23
25	63	49	57	45	54	40	52	33	52	39	48	36	44	30
26	63	49	59	43	55	39	56	38	56	38	51	35	51	38/34
27	72	35	67	39	62	35	52	30	63	34	58	35	60	22
28	85	43	81	47	76	43	75	33	77	41	69	42	73	25
29	89	50	87	56	80	52	80	49	81	49	76	53	79	29
30	73	51	71	57/55	68	56/47	72	43	69	48/47	65	55/45	69	36
MONTH AVE.	62.4	39.8	57.8	38.5	54.1	36.2	53.6	31.6	54.4	34.0	49.6	34.1	51.8	26.9
		51.1		48.2		45.2		42.6		44.2		41.8		39.4

PRECIPITATION (Inches)	Wawa- wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2½ mi. north	
April 1 - 6	0.28e	0.27e	0.38	0.75	-	1.06	e = estimated
" 7 - 13	)	)	0.07	0.27	-	0.19	
" 14 - 20	)	)	0.05	0.24	-	0.40	
" 21 - 30	T	T	T	0.20	-	0.20	
Totals	0.38	0.44	0.50	1.46	1.63	1.85	

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

APRIL 1968

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon		2500' Rim above Wawawai		2500' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	85%	48%	-	-	61%	34/50%	96%	47%	67/74%	34/50%	100%	30%	99%	43%
2	88	67	-	-	100	80	98	84	100	85	100	63	98	84
3	100	41	-	-	98	43	100	48	91	55	100	46	99	47
4	90	38	-	-	76	38	86	46	76/97	48	100	34	100	37
5	96	39	-	-	100	37	98	42	99	52	100	45	99	45
6	82%	43%	-	-	95%	46%	100%	60%	99%	72%	100%	37/92%	100%	90/95%
7	98	39	94%	36%	-	-	98	54	98	56	100	53	100	54
8	93	39	75	37	-	-	99	45	84	50	100	31	99	38
9	86	35	63	30	-	-	95	38	77	39	100	33	98	33
10	94	25	68	19	-	-	98	27	65	26	100	23	99	24
11	52%	28/32%	58%	19/28%	-	-	75%	37%	70%	34%	90%	31/33%	84%	34%
12	81	36/51	97	35/45	-	-	98	49	97	40	100	47	90	42
13	89	32	65	25	-	-	100	35	81	34	100	32	100	31
14	75	44	65	29/39	-	-	85	46	66	36/49	100	43	98	41
15	76	33	82	26	-	-	96	35	96	31	100	29	98	33
16	75%	46%	85%	42%	-	-	97%	45%	96%	47%	100%	49%	97%	46%
17	99	34	85	33	-	-	100	32	92	33	100	21	100	30
18	84	34	57	31	-	-	98	31	54	34	100	27	100	29
19	78	39	84	37	-	-	95	42	99	51	100	41	97	43
20	86	39	100	30	-	-	100	41	96	42	100	41	100	51
21	91%	43%	80%	35%	-	-	100%	45%	91%	44%	100%	34%	99%	43%
22	97	28	72	22	-	-	100	27	86	28	100	25	100	23
23	63	43	34/75	27/31	-	-	53/92	36	43/80	27/35	100	26	100	31
24	69	36	70	28	-	-	98	36	82	40	100	34	100	32
25	60	47	61	44	-	-	79	54	82	57	98	65	94	55
26	67%	43%	70%	37%	-	-	94%	40%	95%	39%	100%	36%	84/96%	43%
27	96	32	76	28	-	-	95	30	82	31	100	27	100	28
28	75	29	51	23	-	-	92	30	63	32	100	21	100	24
29	74	30	39	22	-	-	65	27	43	27	100	16	100	18
30	82	36	49	28/32	-	-	92	36	42/71	36	100	25	97	30
MONTH AVE.	83%	39%	71%	34%	-	-	94%	42%	84%	43%	100%	38%	98%	40%
	61%		52%		-		68%		64%		69%		69%	

Record near Bovill maintained by Mr. Eldon Loe

Daily low relative humidity believed averaging about 10% too high at Wawawai, and about 3% too high at South Palouse Flat and Viola Hill.

ADDITIONAL RECORDS

APRIL 1968

TEMPERATURES, Cont.

SOUTH PORTLAND, MAINE
(For Comparison)

2865'
Hilltop
near
Subalpine Fir Meadow
2635'
Subalpine Fir Meadow
2590'
Genesee Flat

Record kept by E.T.
Richardson, Jr., at
282 Highland Avenue

Temperature
Relative Humidity

Date	2865'		2635'		2590'		SOUTH PORTLAND, MAINE		(For Comparison)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	56	36	58	28	57	33	51	45/39	100%	30%
2	44	38	45	39/37	41	39	53	26	47	18
3	49	35	52	34	46	30	63	28	90	17
4	55	37	58	34	57	35	51	34	98	58/82
5	47	35/32	49	37/30	47	37e/32	63	45/34	99	27
6	37	29	38	27	43	29	47	29	50%	22%
7	46	31	48	30	47	32	50	22	99	26
8	52	29	53	21	53	26	51	27	100	41
9	63	34	66	25	66	33	66	43	98	24
10	72	40	76	25	74	32	62	40	57	17
11	62/48	39	59/49	41/38	63/46	38	48	33	88%	36%
12	39	27	41	29	36	27	62	28	99	24
13	45	21	47	15	47	14	74	36	97	24
14	47	32	49	26	52	32	61	34	100	19
15	45	32	46	32	47	32	46	30	100	98
16	42	27	44	23	45	26	58	45	100%	42%
17	51	23	53	13	50	19	68	40	65	17
18	53	27	57	16	55	21	60	34	99	29
19	45	29	47	28	47	30/28	67	40	96	41
20	43	28	46	22	44	26	49	40	98	73
21	48	25	48	18	46	22	51	45	99%	86%
22	56	27	58	16	56	17	53	47	98	54
23	55	35	57	20	57	31	50	34	98	46
24	52	31	53	20	53	29	48	39	100	88
25	46	36	47	26	51	35	63	47/41	100	38
26	50	35	52	37	54	38/35	56	38	72	35
27	60	30	62	19	62	22	57	38	100	56
28	73	37	74	24	75	29	62	32	100	19
29	80	49	81	28	81	39	62	33	75	22
30	69	47/42	72	38	70	42	51	32	100	66
MONTH AVE.	52.3	32.4	54.2	26.0	53.5	29.5	56.6	35.4	91%	41%
		42.4		40.1		41.5		46.0		66%

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

MAY 1968

by Prof. R. L. Day

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon (3 mi. SE)		2500' Ridge above Wawawai		2540' S. Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho		3150' Viola Hill		2880' Bovill (2½ mi. north)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	66	44	62	43	59	40	56	34	58	37	53	37	54	28
2	72	34	69	40	65	40	62	24	65	32	58	38	60	24
3	79	33	76	46	72	44	69	35	71	35	66	47	68	23
4	73	41	69	50	75	49	65	30	64	40	59	49	64	26
5	58	40	53	38	49	33	50	28	49	31	46	31	46	26
6	59	44	54	41	50	36	49	35	50	35	47	34	43	29
7	71	43	66	46	64	41	61	39	60	39	56	39	53	29
8	77	40	72	45	69	40	67	29	71	38	66	43	66	22
9	83	49	77	52	73	51	73	48	76	48	70	53	72	26
10	82	45	77	53	73	51	73	36	76	45	70	56	70	29
11	79	45	74	49	71	51	70	33	72	42	69	49	70	26
12	72	54	67	53	64	49	64	37	66	46	63	45	60	28
13	71	51	65	47	62	43	61	43	62	45	58	42	59	42
14	70	51	61	47	57	42	56	41	56	42	54	41	48	39
15	73	49	65	46	63	42	60	38	60	40	58	39	56	38
16	80	43	75	48	71	44	69	34	70	42	68	43	68	30
17	87	49	81	55	77	50	76	32	79	46	74	50	75	23
18	89	60	-	58	75	53	76	44	79	53	74	59	70	31
19	96	67	-	-	81	60	82	52	84	56	79	63	80	30
20	84/74	57	-	-	61	54/49	61	54/50	63	55	69/57	53/49	60	48
21	66	53	-	-	55	46	56	44	57	46	50	42	54	42
22	74	48	clock:		60	44	59	38	61	43	56	40	56	38
23	75	52	trouble		61	46	61	43	61	46	56	42	57	38
24	76	47	-	-	64	47	65	33	66	40	61	42	65	28
25	69	53	-	-	57	48	56	47	58	48	52	46	53	33
26	68	52	-	-	57	46	57	42	59	47	54	43	-	39
27	78	48	-	-	68	46	67	40	69	47	62	44	65	28
28	75	58	-	-	68	54	66	51	66	52	62	52	66	42
29	75	59	-	-	62	52	65	46	64	51	60	48	-	44
30	74	47	-	-	62	43	62	31	63	39	59	41	-	26
31	82	44	-	-	72	47	72	32	72	33	67	47	-	-
MONTH AVE.	74.9	48.7	69.7	50.5	65.1	46.0	64.1	38.4	65.4	43.2	60.8	45.1	64.1	32.0
		61.8		60.1		55.6		51.2		54.3		53.0		48.0

e = estimated

PRECIPITATION (Inches)	Wawa- wai	Rin above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2½ mi. north
May 1 - 12	0	0	T	T	-	0.06
" 13 - 19	0.03e	0.03e	0.11	0.22	-	0.41
" 20 - 26	) 1.20e	1.40	1.11	1.32	-	1.17
" 27 - 31	)		0.11	0.08	-	0.13
Totals	1.23e	1.43	1.33	1.62	2.08	1.77

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

MAY 1968

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon		2500' Rim above Wawawai		2500' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	80%	37%	86%	37%	-	-	95%	38%	94%	42%	100%	27%	100%	31%
2	94	33	67	33	-	-	99	31	63	35	100	23	100	26
3	85	30	48	26	-	-	100	27	52	35	100	19	100	25
4	87	42	58	38	-	40	99	39	57	-	100	32	100	32
5	72	48	73	49	91	47	84	46	-	-	95	33	87	46
6	73%	53%	79%	52%	87%	58%	98%	56%	-	-	100%	60%	100%	53%
7	70	43	73	41	77	44	87	42	-	-	100	38	98	39
8	95	37	76	35	88	40	100	32	-	-	100	24	100	31
9	65	29	51	32	52	37	59	35	-	-	100	22	100	28
10	76	30	51	33	55	37	97	35	-	-	100	22	100	29
11	76%	26%	75%	27%	73%	32%	95%	30%	-	-	100%	17%	100%	24%
12	50	36	56	38	64	43	94	45	-	-	100	25	100	33
13	80	48	84	50	91	54	97	51	-	-	99	33	98	37
14	73	47	70	48	92	55	99	58	-	-	98	72/75	98	78
15	76	40	80	42	92	45	100	47	-	-	100	45	99	43
16	92%	31%	73%	30%	83%	35%	100%	35%	-	-	100%	24%	100%	-
17	74	31	59	30	66	35	100	34	-	-	100	20	-	-
18	60	32	54	-	60	37	85	38	-	32	100	21	100	28
19	47	32	-	-	45	38	73	35	36	30	100	19	100	25
20	98	44	-	-	100	52	100	56	100	54	99	54	99	57
21	96%	51%	-	-	99%	62%	98%	61%	100%	68%	100%	63%	99%	57%
22	100	35	-	-	99	43	99	47	88	40	100	43	100	43
23	78	40	-	-	86	46	95	46	92	40	100	48	100	45
24	94	37	-	-	80	45	100	40	89	37	100	35	100	35
25	100	53	-	-	99	68	99	75	99	56/72	100	75	100	63
26	78%	45%	-	-	84%	54%	97%	57%	92%	51%	100%	68%	100%	57%
27	95	34	-	-	93	41	100	45	93	37	100	40	100	39
28	94	50	-	-	95	57/53	96	59	98	43/55	100	48	100	54
29	87	30	-	-	72	33	100	30	74	27	100	24	100	28
30	77	33	-	-	75	36	100	37	74	31	100	27	100	37
31	80	33	-	-	68	35	100	32	56	30	100	18	100	25
MONTH AVE.	81%	39%	-	-	80%	44%	95%	43%	-	-	100%	36%	99%	39%
	60%		-		62%		69%		-		68%		69%	

Relative humidity record at Bovill is most accurate, with very little error believed to be present. By contrast the daily low humidities shown for Wawawai, the Rim above Wawawai, and S. Palouse Flat are believed to be between 5% and 10% too high. Low humidities at Wawawai Canyon and Viola Hill are believed to be less than 5% too high.

ADDITIONAL RECORDS

MAY 1968

TEMPERATURES, Cont.

SOUTH PORTLAND, MAINE
(For Comparison)

Record kept by E.T.
Richardson, Jr., at
282 Highland Avenue

Date	2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2660' Genesee Flat		Temper- ature		Relative Humidity	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low
1	55	37	57	29	56	35	69	38	98%	24%
2	60	34	63	23	62	22	66	41	94	25
3	70	37	70	23	69	25	60	39	87	39
4	63	41	64	24	67	29	68	46	100	33
5	57	29	50	29	44	30	58/56	40	99	55
6	45	31	47	30	48	33	64	42	100%	31%
7	55	38	58	35	57	39	57	36	74	30
8	65	34	70	22	66	28	60	31	95	38
9	72	41	74	28	74	41	66	43	99	63
10	72	49	73	29	72	40	73	53	100	49
11	71	42	73	26	71	33	62	38	100%	34%
12	66	44	68	30	66	38	50	45	100	98
13	62	42	63	42	62	44	62	43	100	39
14	48	40	49	40	50	42	77	40	98	18
15	57	39	58	37	59	41	76	47	94	30
16	68	38	69e	28	70	30	72	46	95%	33/48%
17	74	44	76	27	76	32	48	44	100	84
18	75	50	78	30	76	49	48	42	99	80
19	81	55	84	31	82	52	52	43	100	81
20	59	50	60	53/50	61	51	44	43	100	99
21	55	46	55	44	55	46	61	35	100%	45%
22	58	42	59	40	60	40	58	40	100	55
23	59	44	60	38	61	44	68	37	100	32
24	65	38	67	28	64	33	68	47	99	28
25	56	45	58	35	59	37	66	50	74	25
26	57	44	56	39	58	46	60	40	94	37
27	66	40	67	29	67	40	60	40	96	45
28	67	48	65	45	68	52	66	36	100	23
29	62	50	64	46	64	49	50	40	100	80
30	62	37	63	27	62	38	70	48	100	64
31	70	37	71	26	72	33	60	47	100	79
MONTH AVE.	63.0	41.5	64.2	32.9	63.8	38.5	63.9	41.9	97%	49%
		52.2		48.6		51.2		52.9		73%

Relative humidity record at South Portland, Maine, is believed to be as accurate as that at Bovill on the preceding page, with very little error present.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JUNE 1968

by Prof. R. L. Day

Date	675'		1500'		2500'		2540'		2610'		3150'		2880'	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Wawawai Snake River Canyon		Wawawai Canyon (3 mi. SE)		Ridge above Wawawai		S. Palouse Flat (1 mi. S. of Moscow)		Moscow University of Idaho		Viola Hill		Bovill (2½ mi. north)	
1	87	49	-	-	77	55	75	34	79	53	74	56	79	28e
2	80	59	76	61	68	61/59	70	53	72	58	67	59/55	69	51
3	76	56	70	51	66	47	67	44	68	47	61	44	66	46
4	81	45	75	50	71	51	71	34	72	41	66	49	72	30
5	85	45	79	51	72	53	75	33	77	42	69	51	73	31
6	77	56	71	56	68	54	66	43	68	51	64	51	68	35
7	60	55	56	51	52/50	48	52	47	55	47	46	42	56/50	49/47
8	73	56	68	52	61	48	63	49	63	49	58	44	63	47/45
9	80	52	75	51	70	48	69	43	71	48	67	45	68	45
10	81	50	78	55	73	53	72	40	75	49	69	53	74	39
11	71	60/56	68	57/55	63	55/51	64	46	67	54	60	52/48	67	47/43
12	72	48	67	46	62	43	61	37	65	41	58	40	66	32
13	72	55	66	53	61	48	62	44	63	47	59	44	59	43/34
14	77	54	60	52	65	50	63	36	67	45	60	46	63	33
15	82	49	76	53	75	50	71	36	74	46	72	51	70	32
16	96	54	89	59	83	54	83	37	86	51	79	54	80	30
17	87	59	82	61	76	61	76	42	79	52	72	56	76	41
18	97	55	92	62	87	59	85	38	89	51	80	61	85	33
19	90	60	83	68	80	64	81	52	81	61	74	59	77	46
20	84	63	79	60	75	55	74	44	75	54	69	49	72	51
21	87	55	80	60	75	58	72	41	74	52	66	56	71	37
22	72	57	68	56	66	52	68	52	69	53	73	49	64	50
23	85	58	79	59	76	55	73	47	76	53	69	50	73	47
24	89	57	84	60	78	59	77	47	81	54	74	54	79	33
25	99	57	93	62	91	60	87	45	87	56	81	63	85	37
26	101	64	93	72	89	66	89	49	88	52	83	66	86	45
27	84/80	63	73	63	71	57	72	51	70	55	71/66	53	79/67	42
28	72	55/50	63	52/50	61	46	60	41	60	46	55	43	57	40
29	66	49	62	47	58	43	56	34	58	43	52	39	51	37
30	84	56	76	54	72	48	73	42	74	47	66	47	65	41
MONTH AVE.	81.4	55.0	75.2	56.2	71.3	53.2	70.9	42.7	72.8	49.9	67.0	50.6	69.8	39.4
		68.2		65.7		62.2		56.8		61.4		58.8		54.6

PRECIPITATION (Inches)	Wawa-wai	Rim above Wawa.	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2½ mi. north	e = precipitation estimates necessary because of evaporation from stick gauges during new longer intervals between station visits plus inadequate response of recording
June 1 - 8	)		0.46	0.35e	0.38e	0.56	
" 9 - 17	) 0.85e		0.25	0.15e	0.20e	0.81	
" 18 - 24	0.28e	0.40	0.30	0.52e	0.48e	0.60	
" 25 - 30	T	T	T	0.08e	0.08e	0.12	
Totals	1.13e		0.91	1.10e	1.14	2.19	

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JUNE 1968

Date	675' Wawawai Snake River Canyon		1500' Wawawai Canyon		2500' Rim above Wawawai		2500' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2880' Bovill (2½ mi. north)		2635' Subalpine Fir Meadow	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	72%	40%	66%	46%	64%	43%	-	-	48/60%	45%	98%	32%	100%	32%
2	93	44	92	47	92	50	98%	58%	97	50	98	54	100	57
3	73	35	92	37	90	38	97	38	97	33	98	32	98	55
4	99	31	77	33	72	33	100	35	47	28	100	27	99	28
5	95	31	69	34	81	34	100	32	49	30	100	26	100	31
6	70%	45%	63/98%	49%	93/96%	41/49%	98%	54%	66/98%	30/52%	100%	35%	100%	40%
7	100	70	95	84	97	86	98	89	100	93	100	92	98	92
8	98	45	100	53	90	38	98	80	99	52	100	57	99	50
9	93	39	96	42	75	41	100	45	93	38	100	49	100	46
10	100	38	80	42	76/99	41/57	99	46	82	36	100	31	100	35
11	78%	43/50%	76/100%	56%	99%	40%	97%	52%	93/99%	52%	100%	52%	100%	48%
12	100	39	100	42	71	38	98	47	97	36	100	26	100	37
13	81	35	67	37	68	38	98	37	91	28	100	35	100	39
14	70	36	67	38	73	31	100	39	74	38	100	37	100	36
15	92	31	77	32	63	26	100	34	62	26	100	27	100	31
16	81%	27%	61%	27%	47%	32%	100%	28%	52%	22%	100%	25%	100%	27%
17	67	37	55	37	62	31	99	37	54	25	100	31	100	35
18	82	33	64	34	-	-	100	32	52	30	100	23	100	26
19	60	42	58	44	57	36/43	99	42	64	42	100	37	100	38
20	67	35	72	34	74	31	97	37	80	33	100	30	98	34
21	77%	32%	60%	33%	55%	31%	100%	29%	59%	32%	100%	23%	100%	27%
22	100	50/69	99	46/70	97/100	49/72	100	50/67	100	54/60	100	73	99	70
23	97	33	85	37	87	37	100	40	94	34	100	37	100	40
24	81	27	69	29	60	28	100	32	51	26	100	25	100	28
25	80	28	59	30	51	28	98	32	39	26	100	22	100	26
26	70%	28%	53%	30%	55%	34%	99%	29%	50%	24%	100%	27%	100%	31%
27	58	39	60	40	64	38	84	41	66	38	86	38	96	37
28	60/99	42	68/91	45	72/91	42	88	46	76	43	99	39	69	42
29	99	39	91	46	91	45	100	48	86	51	100	64	94	54
30	73	33	74	40	78	40	98	37	84	38	100	40	100	40
MONTH AVE.	84%	38%	77%	42%	76%	38%	98%	44%	75%	39%	99%	38%	98%	40%
	61%		60%		57%		71%		57%		68%		69%	

Relative humidity record at Bovill is most accurate, with little error believed to be present. By contrast, the low relative humidities at Wawawai and Wawawai Canyon are believed to be about 10% too high, at least on the warmer, drier days. Those at the Rim above Wawawai and South Palouse Flat somewhat more than 5% too high at the time of the daily minimum, and those on Viola Hill and at the Subalpine Fir Meadow less than 5% too high.

ADDITIONAL RECORDS

JUNE 1968

TEMPERATURES, Cont.							RELATIVE HUMIDITIES, Cont.							
2865' Hilltop near Subalpine Fir Meadow							Records kept by E. T. Richardson, Jr.							
		2635' Subalpine Fir Meadow		2660' Genesee Flat		South Portland, Maine		Little Sebago Lake, Maine		South Portland, Maine		Little Sebago Lake, Maine		
Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low
1	78	49	79	29	76	44	68	46	-	-	100%	64%	-	-
2	69	57	78	42	70	55	56	52	-	-	100	92	-	-
3	66	47	66	45	65	48	58	50	-	-	100	94	-	-
4	71	41	72	32	70	36	67	50	-	-	100	60	-	-
5	72	44	72	31	73	36	76	48	-	-	100	43	-	-
6	66	50	66	37	65	47	90	60	-	-	98%	40%	-	-
7	51/49	46	48	46	53	47	74	56	-	-	95	48	-	-
8	64	47	65	46	61	46	73	54	-	-	100	50	-	-
9	69	51	68	45	68	49	65	55	-	-	100	74	-	-
10	74	49	75	35	72	41	53	48	-	-	100	73	-	-
11	63	51/48	62	45	62	50	53	48	-	-	95/100%	83%	-	-
12	61	39	63	31	60	38	66	50	-	-	100	98	-	-
13	58	44	59	43	59	46	67	58	-	-	100	93	-	-
14	63	43	65	32	64	37	70	59	-	-	99	63	-	-
15	71	42	72	31	71	38	70	51	-	-	100	67	-	-
16	82	47	82	31	82	39	74	60	-	-	100%	48%	-	-
17	75	56	77	41	75	57	58	53	-	-	100	85	-	-
18	85	48	85	34	83	41	72	53	70	53	100	45	100%	-
19	78	57	78	47	76	53	68	52	70	49	100	68	99	52%
20	71	42	72	52	72	55	70	56	64	54	99	45	99	48
21	71	48	71	38	71	44	74	43	68	44	94%	37%	98%	44%
22	63	50	65	57	67	53	67	50	68	46	99	66	100	58
23	72	51	72	44	72	47	70	52	67	56	100	58	96	56
24	76	50	76	38	76	49	64 ^e	54	66	52	100	85	100	64
25	85	53	82	36	83	46	70	57	72	56	100	63	100	54
26	87	56	85	45	85	50	60	58	64/58	55	97%	72/93%	100%	87%
27	68	55	67	49	67	57	58/56	54/53	57	54	100	78	100	64
28	60	44	56	43	67	57	53/50	48	54/49	49/47	100	56/99	100	62/94
29	53	41	49	38	55	44	67	44	72	44	100	70	100	46
30	69	44	67	42	70	40	87	58	84	59	99	34	100	26
MONTH	67.4	46.4	67.5	38.9	67.1	44.5	67.1	50.8	--	--	99%	67%	--	--
AVE.		56.9		53.2		55.8		59.0	--	--		83%	--	--

Relative humidity records at both South Portland and Little Sebago Lake, Maine, believed to contain very little error. Both hair hygrogpahs unusually accurate.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1968

by Prof. R. L. Day

2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 3150' Viola Hill
 2880' Bovill (2½ mi. north)
 6400' Crater Peak
 5600' Crater Lake
 5600' Pinchot Marsh

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	79	34	80	45	77	57	82	30	-	-	-	-	-	-
2	89	38	91	52	87	63	90	32	72	-	-	-	-	-
3	91	38	93	52	88	66	94	36	76	59	-	-	-	-
4	95	44	98	57	93	73	95	40	77	61	-	-	-	-
5	96	45	98	62	92	67	96	40	82	62	-	-	-	-
6	95	54	95	67	93	72	92	48	78	65	-	-	-	-
7	93	51	94	63	90	67	92	44	77	62	-	-	-	-
8	96	43	97	57	93	70	95	40	79	63	-	-	-	-
9	90	51	91	62	87	67	91	46	77	63/61	-	-	-	-
10	82	56	83	63	80	60	82	44	68	54	-	-	-	-
11	97	45	96	58	93	65	94	40	77	57	-	-	-	-
12	68	55	70	56	66	52	67	44	56/47	41	-	-	-	-
13	75	37	75	46	71	48	72	38	56	38	-	-	-	-
14	73	50	74	59	69	45	72	45	55	41	-	-	-	-
15	70	48	70	55	66	49	67	41	53	42/41	-	-	-	-
16	75	34	76	45	72	49	77	28	62	39	-	-	-	-
17	76	37	75	48	73	50	74	34	59	41	61	-	-	-
18	85	37	84	52	82	56	84	30	66	45	69	40	72	36
19	85	40	86	52	83	63/51	86	34	70	54/40	73	44/43	76	43/42
20	71	43	71	48	67	47	68	46	51	36	53	38	55	38
21	80	40	79	52	77	55	78	30	64	42	67	36	70	31
22	75	39	76	51	72	50	74	32	60	46	62	40	65	40
23	79	34	80	45	76	59	78	30	62	47	64	38	67	35
24	86	37	86	49	83	60	85	34	69	49	72	44	75	36
25	86	39	86	52	83	63	85	38	68	56	70	47	75	43
26	92	42	93	45	88	70	90	37	74	57	75	47	80	40
27	96	44	97	58	94	70	95	41	78	60	80	52	83	45
28	99	49	99	61	97	77	97	46	78	64	79	53	84	52
29	89	48	89	61	86	67	88	41	70	61	73	51	75	54/49
30	85	45	86	55	83	54	85	35	66	48	64	42	71	37
31	87	57	88	60	85	60	87	34	69	46	70	42	75	34

MONTH AVE. 85.0 43.7 85.7 54.5 82.1 60.0 84.3 38.0 68.0 51.1 69.6 44.0 74.0 41.0
 64.4 70.1 71.0 61.2 59.6 56.8 57.5

Hawawai, Wash. e = estimated on basis of comparison with Crater Peak
 Mr. 109½ Mn. 51 during 22-day period July 18 - August 8.

PRECIPITATION (Inches)	Univ. of Idaho	1 mi. S. of G.P.	Emida Ridge	Bovill 2½ mi. north	Crater Peak
July 12	0.30	0.92	1.00	0.43	0.86
" 19	0.20	0.22	1.00	0.20	0.52
Totals	0.50	1.14	1.00	0.63	1.38

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

JULY 1968

Date	2540' S. Palouse Flat (1 mi. S. of Moscow)		3150' Viola Hill		2880' Bovill (2½ mi. north)		6400' Crater Peak		5600' Crater Lake		5600' Pinchot Marsh	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	100%	26%	60%	26%	100%	22%	-	-	-	-	-	-
2	99	24	40	25	100	17	-	30	-	-	-	-
3	100	26	38	27	100	15	46	35	-	-	-	-
4	98	22	36	24	100	15	44	32	-	-	-	-
5	99	23	44	25/26	100	17	41	35	-	-	-	-
6	97%	29%	39/42%	27/28%	100%	24%	40/45%	34/36%	-	-	-	-
7	97	32	59	31	100	23	52	36	-	-	-	-
8	98	26	39	27	100	19	47	31	-	-	-	-
9	97	28	47	29	100	22	52	43	-	-	-	-
10	85	39	55	33	100	28	64	42/49	-	-	-	-
11	100%	29%	47%	29%	100%	20%	56/70%	45%	-	-	-	-
12	99	51	100	43	99	31/56	100	59/92	-	-	-	-
13	100	36	70	37	100	33	95	57	-	-	-	-
14	97	35	64	38	100	33	99	56	-	-	-	-
15	100	40	73	38	100	34	71	57	-	-	-	-
16	100%	31%	63%	33%	100%	23%	76%	50%	-	-	-	-
17	99	30	67	34	100	26	84	47	-	48	-	40
18	100	26	49	27	100	19	65	36	96	34	100	25
19	98	34	43/100	28/34	100	23	41/100	39	91	40	93	30
20	100	37	100	36	99	34	100	62	100	62	100	46
21	100%	28%	49%	27%	100%	21%	77%	39%	96%	38%	100%	27%
22	100	34	69	35	100	24	51/59	38	96	39	78	31
23	100	27	47	30	100	22	60	48	97	45	99	34
24	99	27	48	30	100	22	58	36	93	36	100	25
25	100	24	44	28	100	24	51/54	46	96	47	98	32
26	98%	28%	36%	28%	100%	18%	46%	37%	92%	37%	100%	25%
27	98	26	36	25	100	20	46/49	33	95	37	99	25
28	98	25	33	23	100	20	44	33	95	34	93	24
29	92	33	47	29	100	21	37/48	33/39	93	42	67	34
30	74	34	42	30	100	22	51	46	98	47	100	30
31	64	30	44	27	100	20	58	35	95	40	100	25
MONTH AVE.	96%	30%	54%	30%	100%	24%	64%	43%	95%	42%	95%	30%
	63%		42%		62%		54%		68%		62%	

e = estimated on basis of comparison with Crater Peak during 22-day period July 18 - August 8.

Relative humidity records at Bovill and Pinchot Marsh are the most accurate, with little probable error. Low readings at S. Palouse Flat and Viola Hill about 7% too high. Low readings at Crater Peak and Crater Lake believed to be about 10% too high.

ADDITIONAL RECORDS

JULY 1968

TEMPERATURES, Cont.							RELATIVE HUMIDITIES, Cont.													
2865' Hilltop near Subalpine Fir Meadow							2635' Subalpine Fir Meadow				2660' Genesee Flat		South Portland, Maine		Little Sebago Lake, Maine		South Portland, Maine		Little Sebago Lake, Maine	
Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low		
1	78	45	80	30	78	35	85	63	86	60	100%	70%	99%	58%						
2	88	53	88	31	88	36	90	68	85	67	99	32	99	36						
3	92	54	92	35	91	40	80	65/63	77/75	60	97	40	100	44						
4	94	61	95	40	94	45	68	60	68	53	100	72	100	62						
5	95	60	95	40	-	48	75	60	75	58	100	47	99	44						
6	95	65	92	50	93	-	68	54	72	49	100%	86%	100%	63%						
7	92	64	92	46	92	55	74	50	70	50	100	45	99	48						
8	95	58	95	41	94	45	82	57	82	51	96	44	99	33						
9	90	64	91	47	90	42	80	64	83	54	98	68	100	47						
10	81	61	83	47	82	60	75	60	77	61	97	67	100	52						
11	94	55	93	40	94	46	70	60	71	54	100%	52%	100%	57%						
12	62	52	71/65	54	66	55	76	52	78	49	100	64	100	49						
13	70	46	74	37	72	43	82	58	79	55	100	52	98	51						
14	70	52	73	46	73	50	74	61	75	57	98	71	100	59						
15	67	52	69	43	70	50	86	61	88	58	100	58	99	48						
16	76	44	77	30	74	36	98	71	92	65	97%	40%	98%	44%						
17	75	50	75	34	74	41	85	72/67	85	65	99	54	98	51						
18	84	50	84	31	85	36	81	59	83	56	100	69	98	64						
19	85	54	86	36	86	40	80	68	84	70	100	81	97	59						
20	71	49	71	44	71	47	86	68	82	63	98	35	96	35						
21	80	47	80	32	80	38	80	54	78	48	98%	36%	98%	40%						
22	75	50	76	34	76	42	80	58	84	53	100	55	99	43						
23	79	47	80	31	80	35	88	65	81	70/63	94	36	91	44						
24	85	52	86	33	86	38	73	57	70	50	100	54	100	63						
25	85	54	86	37	87	40	87	63	80	60	100	39	100	46						
26	90	58	90	38	92	44	86	56	80	50	99%	26%	100%	32%						
27	96	60	96	40	95	44	78	54	77	48	100	45	100	48						
28	97	67	98	47	97	53	76	63	78	66/64	92	68	99	63						
29	88	63	88	42	88	48	79	52	71	44	98	30	100	33						
30	85	55	86	37	83	54	75	52	73	44	92	37	100	38						
31	87	56	88	35	86	51	73	51	72	44	100	51	100	47						
MONTH AVE.	83.9	54.8	84.6	39.0	83.9	44.6	79.7	59.6	78.5	55.6	98%	52%	99%	48%						
		69.4		61.8		64.2		69.8		67.0		75%			74%					

Relative humidity records at both South Portland and Little Sebago Lake, Maine, believed to contain very little error. Both hair hygrometers unusually accurate.

ADDITIONAL RECORDS

JULY 1968

TEMPERATURES

5900'	5900'
Northeast Slope	Southwest Slope
Freezeout Mtn.	Freezeout Mtn.

<u>Data</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>
2	72	-	73	-
3	75	60	77	59
4	77	65	80	62
5	80	66	81	65
6	78	69	78	67
7	77	64	76	63
8	82	67	81	64
9	76	64	76	63
10	67	57	67	55
11	77	57	77	56
12	57/48	43	56/46	40
13	57	39	55	38
14	55	43	53	41
15	53	42	51	40
16	60	42	60	40
17	-	43	-	41
AVERAGES	68.9	54.7	68.8	52.9
	61.8		60.8	

Special Credits

Doug Whitlock set up and serviced mountain stations this month.

Eldon Loe continues to maintain the record near Bovill.

Soil Conservation Service has maintained record at Genesee Flat since September 1967.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1968

Date	675' Wawawai Snake River Canyon		2540' S. Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho		3150' Viola Hill		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2660' Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	103	59	92	40	93	52	90	67	91	53	91	33	90	37
2	102	59	94	41	92	55	88	69	93	57	91	35	90	40
3	102	63	90	48	91	59	89	70	93	64	94	45	92	48
4	99	67	89	51	90	62	87	69	91	59	91	42	90	55
5	87	66	76	45	77	55	74	52	78	54	79	42	77	50
6	88	58	79	40	79	52	77	51	80	51	80	32	79	43
7	94	56	84	37	86	50	82	62	86	51	86	34	85	38
8	96	56	86	39	87	52	84	66	88	54	89	34	86	39
9	99	59	87	44	87	55	84	65	86	55	88	39	88	44
10	98	67	84	57	85	64	81	68	80	62	81	52	83	59
11	98	64	86	47	87	61	85	66	86	57	87	42	87	48
12	94	58	85	36	84	51	83	62	85	52	86	31	84	41
13	77	58	69	42	69	55	73/66	60/53	73	55	73	36	69	45
14	67	57	59	51	61	51	55	47	57	50	58	49	59	51
15	73	59	59	49	62	49	56	45	55	48	56	48	60	49
16	86	53	75	48	76	50	71	50	74	47	75	31	72	45
17	70	58	60	51	62	51	56	48	56	51	57	51	59	51
18	69	59	60	47	62	51	56	49	64	49	66	44	59	47
19	76	50	61	46	66	47	58	46	60	42	60	32	62	43
20	71	56	64	48	67	52	62	47	63	49	65	45	65	51
21	77	55	66	49	67	51	61	47	63	48	64	45	64	49/48
22	80	47	71	32	71	43	67	47	69	41	68	29	69	34
23	81	55	71	38	73	48	68	51	71	45	72	31	72	38
24	89	58	84	51	85	55	81	52	83	53	82	48	84	53
25	86	55	79	42	81	52	78	53	82	52	82	40	80	45
26	85	62	73	54	76	57	72	53	74	56	75	47	76	55
27	79	62	67	52	68	47	63	54	60	53	63	50	63	54
28	81	58	69	45	69	49	66	46	64	47	66	46	66	45
29	88	54	76	50	78	51	72	49	73	45	77	32	74	43
30	96	55	84	42	85	54	82	58	81	48	84	33	84	41
31	98	58	89	41	89	56	86	58	86	53	89	34	86	40
MONTH AVE.	86.7	58.1	76.4	45.3	77.6	52.6	73.5	55.5	75.6	51.6	76.6	39.7	75.9	45.8
		72.4		60.8		65.1		64.5		63.6		58.2		60.8

PRECIPITATION (Inches)	Wawa- wai	Univ. of Idaho	1 mi. S. of G.P.	Emida Ridge	Bovill 2 1/2 mi. north	Crater Peak	*No allowance for effect of evaporation at Wawawai. It may have redu- ced measure- ment by as much as 0.20 inch. Other
August 1 - 12	-	T	T	-	T	T	
" 13 - 19	-	0.55	0.76	-	1.04	1.05	
" 20 - 26	-	0.19	0.40	-	0.20	0.94	
" 27 - 31	-	0.65	0.30	-	0.74	1.23	
Totals	0.79*	1.39	1.44	2.17	1.98	3.22	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1968

(Continued)

Records Kept by
E. T. Richardson, Jr.

Date	2880' Bovill (2½ mi. north)		6400' Crater Peak		5600' Crater Lake		5600' Pinchot Marsh		5400' Air Drainage Channel		South Portland, Maine		Little Sebago Lake, Maine	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	92	33	73	56	73	43	81	40	77	47	77	60	78	61
2	92	36	75	60	76	46	82	47	79	53	80	61	76	59
3	92	46	74	62	74	53	81	50	79	55	84	59	81	53
4	90	40	70	52	71	48	76	51	72	52	88	63	82	53
5	78	43	63	47	65	45	70	44	68	47	75	63	75	59
6	80	30	64	47	66	39	71	37	69	42	70	54	68	49
7	85	33	68	51	70	43	75	39	72	46	83	62	76	56
8	88	34	71	53	71	44	76	43	75	48	80	55	78	48
9	87	36	70	58	70	46	76	42	75	49	73	60	74	56
10	78	51	64	57	65	53	74	46	64	52/50	75	61	76	57
11	86	42	67	53	69	47	71	44	73	49	74	55	66	52
12	85	31	67	52	68	43	72	44	71	46	81	48	76	40
13	71	36	66	55/49	67	45	71	40	72	48	78	50	76	44
14	55	49	49/43	42/40	49/43	44/42	48/43	42/41	47/46	45/43	84	62	82	52
15	54	47	40/38	36	40	39	41/39	37	42	40	81	55	74	51
16	74	37	56	37	54	38	60	37	59	40	73	49	74	46e
17	58	42	48/42	41/40	44	41	47	36	49	41	78	62	75	59
18	60	44	48	36	48	39	55	39/37	52	40	76	55	70	50e
19	61	34	44	34	45	35	47	32	48	35	-	46	67	38
20	65	44	49	38	48	39	52	36	54	39	67	57	68	50
21	64	46	47	36	50	39	50	37/35	51	39	84	63	75	59
22	67	32	51	37	51	35	54	32	55	34	72	57	67	48
23	71	33	55	40	53e	36	58e	32	56	36	74	45	71	39
24	82	48	64	45	64	45	68	42	69	45	76	59	76	52
25	80	42	64	48	64	44	70	41	68	45	83	64	86	66
26	73	47	55	44	55	41	58	41	61	42	87	66	77	61
27	59	49	50/46	43/38	49/48	46	49/48	43	50	46	79	50	68	44
28	62	48	44	37	46	38/37	45	38	48	41/40	68	45	62	38
29	74	34	56e	38	58	36	56	33	60	37	72	45	66	40
30	83	34	67	46	65	37	69	35	-	41	76	53	69	49
31	87e	35	68	53	69	44	72	38	-	-	74	47	75	40
MONTH	75.3	39.9	59.0	45.7	59.7	42.1	63.5	39.8	63.0	43.8	77.1	55.8	73.7	50.7
AVE.		57.6		52.4		50.9		51.6		53.4		66.4		62.2

e = estimated

Record near Bovill maintained by Mr. Eldon Loe

Records at Crater Peak, Crater Lake, Pinchot Marsh, and in the
Air Drainage Channel maintained by Mr. Douglas Whitlock.

RELATIVE HUMIDITY RECORDS IN THE VICINITY OF MOSCOW, IDAHO

AUGUST 1968

Date	2540 [*] S. Palouse Flat (1 mi. S. of Moscow)		3150 [*] Viola Hill		2880 [*] Bovill (2½ mi. north)		6400 [*] Crater Peak		5600 [*] Crater Lake		5600 [*] Pinchot Marsh		5400 [*] Air Drainage Channel	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	93%	28%	28/34%	25%	100%	17%	45%	35%	96%	39%	96%	23%	77%	37%
2	92	31	39	25/28	100	18	37	32	88	41	92	25	74	36
3	96	35	38	30	100	23	42	38	93	48	96	31	80	44
4	79	32	44	27	100	22	77	36/37	85	55	86	31/39	81/94	52
5	95	43	74	37	100	28	78	47	100	45	100	29	99	40
6	100%	40%	78%	37%	100%	25%	61%	48%	100%	46%	95%	32%	82%	43%
7	99	34	44	30	100	22	52	42	92	44	90	29	74	41
8	95	31	36	29	100	17	43	34	85	38	78	24	73	35
9	82	30	35	28	100	20	39/48	32/43	89	50	89	40	76	50
10	76	48	44/61	32/43	100	42	68/72	55/65	95	66	100	54	95/97	69
11	100%	32%	60%	31%	100%	17%	77%	39%	100%	38%	97%	27%	99%	38%
12	93	30	42	27	100	15	48	39/37	83	38	52	26	67	35
13	76/98	52	47/90	45	100	32	42/93	35	83	45	85	27	81	37
14	100	73	100	81	100	93	100	72/100	100	98	100	89	100	97
15	98	62	99	58	100	84	100	100	100	100	100	100	100	99
16	94%	36%	82%	38%	100%	30%	100%	59%	99%	65%	100%	53%	100%	60%
17	98	64	100	62	100	76	100	69/100	100	99	100	76	100	82
18	95	61	80	60	100	52	100	75	100	74	99	53	99	69
19	98	53	92	53	100	51	100	86	100	82	100	68	100	72
20	100	44	100	42	100	44	100	75	100	78	100	56	100	63
21	100%	47%	98%	46%	100%	42%	100%	71%	100%	64%	100%	55%	100%	66%
22	100	37	70	36	100	36	98	62	100	59	100	51	100	53
23	100	40	69	41	100	34	89	34	100	65	100	48	100	54
24	100	32	98	30	100	26	94	40	98	49	99	35	98	42
25	100	32	83	32	100	23	86	40	99	50	99	31	98	39
26	97%	39%	92%	38%	99%	34%	83%	64%	98%	65%	99%	56%	96%	56%
27	100	54	90	55	100	81	87/96	66/90	98	76/89	99	67/77	98	83
28	100	48	100	43	100	57	100	100	100	90	100	82	100	88
29	93	38	80	39	100	33	100	48	100	59	100	55	100	58
30	100	32	57	29	100	22	75	46	100	55	99	40	98	-
31	100	24	54	24	100	18e	60	43	98	44	99	38	-	-
MONTH AVE.	96%	41%	72%	39%	100%	36%	79%	58%	96%	61%	95%	47%	92%	56%
	68%		56%		60%		68%		78%		71%		74%	

Relative humidity records at Bovill and Pinchot Marsh are the most accurate, with little probable error. Low readings at S. Palouse Flat, Viola Hill, and Air Drainage Channel believed to be about 5% to 7% too high. Low readings at Crater Peak and Crater Lake believed to be about 10% too high, at least on drier days.

e = estimated

ADDITIONAL RECORDS

AUGUST 1968

TEMPERATURES, RELATIVE HUMIDITIES, Cont.

Date	Arvada, Colorado		Arvada, Colorado		South Portland, Maine		Little Sebago Lake, Maine	
	Max.	Min.	High	Low	High	Low	High	Low
1	80	47	100%	28%	100%	66%	95%	54%
2	84	56	95	26	100	54	100	60
3	78	55	98	38	100	41	99	37
4	90	48	100	23	99	40	99	44
5	87	55	86	30	99	33	98	45
6	90	54	92%	30%	98%	60%	100%	48%
7	88	55	86	35	100	52	99	62
8	87	60	93	36	96	38	100	48
9	69	61/58	97/100	66/73	98	67	100	60
10	58/55	53/51	100	93	100	60	100	42
11	77	50	98%	44%	98%	28%	99%	34%
12	80	52	94	29	96	31	100	31
13	83	47	96	28	100	47	100	43
14	70	52	100	42	98	51	99	45
15	78	42	98	24	86	31	92	34
16	81	43	94%	24%	98%	39%	100%	32%
17	84	53	88	25	99	67	99	70
18	80	50	74	27	100	28	-	30
19	78	46	91	38	97	-	99	38
20	88	49	90	23	98/100	84	97	69/84
21	86	56	78%	28%	100%	38%	97%	48%
22	87	51	92	22	88	43	93	45
23	73	53	64	23	100	30	100	39
24	81	35	89	21	100	67	100	60
25	88	44	87	21	100	70	97	48
26	86e	49	85%	23%	98%	36%	95%	40%
27	81	56	75	35	98	29	100	35
28	85	49	97	27	100	44	100	51
29	64/58	48	96	61	100	38	100	44
30	74	37	100	25	96	40	99	50
31	74	41	93	30	100	42	100	35
MONTH	80.0	49.7	91%	33%	98%	46%	99%	46%
AVE.	64.8		62%		72%		72%	

Record at Arvada, Colorado, kept by Ronald Lemon; those at South Portland and Little Sebago Lake, Maine, by E. T. Richardson, Jr.

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

1.

SEPTEMBER 1968

675' Wawawai Snake River Canyon
 2540' S. Palouse Flat (1 mi. S. of Moscow)
 2610' Moscow University of Idaho
 3150' Viola Hill
 2865' Hilltop near Subalpine Fir Meadow
 2635' Subalpine Fir Meadow
 2660' Genesee Flat

Date	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	80	62	67	46	69	59	77/63	57	64	56	63	40	68	49
2	82	61	70	42	69	51	67	47	70	49	72	45	70	47
3	84	50	73	35	69	48	68	50	72	43	74	33	71	35
4	88	52	78	44	75	52	73	57	76	51	78	39	77	45
5	93	53	84	37	83	49	78	56	79	48	82	33	80	36
6	94	48	84	39	85	58	82	57	83	55	85	35	86	41
7	86	65	-	-	77	56	73	55	76	56	78	48	77	57
8	94	53	-	-	85	54	83	56	83	50	85	32	85	42
9	100	57	93	46	94	61	89	61	88	57	92	36	91	43
10	91	61	84	-	84	-	81	60	87	56	89	37	84	44
11	90	54	-	42	80	51	76	61	77	52	77	39	78	43
12	80	65	73	55	71	57	68	54	70	56	73	51	72	55/48
13	80	56	77	42	74	53	73	55/51	78	50	78	38	-	43
14	74	56	-	-	64	52	60	50	62	50	63	50	64	53
15	70	55	59	46	60	47	56	43	54	45	58	45	60	48
16	75	55	63	45	63	46	60	43	62	44	66	42	63	43
17	73	57	63	47	64	51	60	50	61	50	61	46	62	50
18	61	52/49	58	47	58/53	47/44	54/48	45/42	55/49	46/45	54/50	47/40	57/52	48/45
19	65	44	57	35	57	40	53	38	53	39	57	36	54	38
20	54	45	45	37	46	39	41	36	43	39	43	37	44	40
21	49	46	45	38	45	38	39	36/35	41	37	42	37	42	39
22	69	46	60	38	60	41	56	38	55	37	57	33	59	39
23	76	50	67	39	66	45	62	47	64	45	68	39	66	43
24	81	52	74	40	73	48	69	49	71	43	74	29	72	43
25	82	51	77	-	77	50	73	51	74	46	78	29	76	39
26	82	53	79	43	78	52	75	53	76	47	79	28	77	38
27	74	53	63	43	64	51/50	61	48	61	48	61	35	64	-
28	79	44	-	32	72	40	69	50	74	39	73	27	70	31
29	81	48	77	37	77	48	74	49	77	43	78	28	76	35
30	84	50	79	40	78	52	75	53	77	48	80	30	78	38
MONTH AVE.	79.0	53.0	70.9	41.9	70.4	49.7	66.8	50.0	68.6	47.5	70.5	37.2	69.8	42.5
		66.0		56.4		60.0		58.4		58.0		53.8		56.2

PRECIPITATION (Inches)	Wawa-wai	Univ. of Idaho	1 mi. S. of G.P.	Enida Ridge	Bovill 2 1/2 mi. north	Crater Peak	e = estimates
September 1 - 10	-	T	Te	-	0	0.28	Crater Peak recording gauge
" 11 - 16	-	1.18	1.20	-	1.07	3.80e	measurements
" 17 - 23	-	1.33	2.58	-	2.50	4.80e	increased 10% during Sept.
" 24 - 30	-	0	0	-	0	0	11 - 23 to allow for normal gauge error
Totals	1.98	2.51	3.78	4.08	3.57	8.88e	

Maximum snow depth on Crater Peak 10 to 12 inches on 22nd.

TEMPERATURE RECORDS IN THE VICINITY OF LOGSOW, IDAHO

2.

SEPTEMBER 1968

(Continued)

Date	2880' Bovill (2½ mi. north)		5600' East Freezeout Saddle		6400' Crater Peak		5600' Crater Lake		5600' Pinchot Marsh		5400' Milton Tree		South Portland Maine	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	62	39	-	-	60/51	51/44	61/52	49/47	54/50	43	55	52/47	79	50
2	68	37	-	-	53	39	54	41	52	38	48	41	78e	59
3	70	33	-	-	52	38	52	36	53	34	50	39	75	59
4	76	37	-	-	58	42	57	38	61	37	57	41	72	56
5	81	31	-	-	63	44	60	39	66	36	61	44	70	59
6	81	34	-	-	63	50	62	43	67	40	63	46	66	48
7	75	42	-	-	57	42	58	40	62	40	58	44	78	60
8	84	30	-	-	66	46	64	39	71	36	65	45	76	53
9	88	34	-	-	71	56	70	46	76	42	71	50	65	54
10	87	36	-	-	72	58	71	46	77	46	71	56	68	58
11	77	37	72	57	69	58/51	67	46	72	45	71	55/53	65	59
12	71	50	57	45	53	43	53	46	54	46/40	55	45	72	59/52
13	76	37	67	44	61	43	62	40	68	38	61	40	68	47
14	62	51	47	41	42	38/37	46/45	41	47	41	47	41/40	72	47
15	55	44	41/38	32	37/36	31	38	33	38	32	42/39	31	67	42
16	60	45	41	34	39	32	43	36	43	35	41	35	70	45
17	56	45	44	38	42	36	45	38	44	38	45	37	73	42
18	52/50	50/45	44/39	39/33	42/34	33/31	45/41	41/35	44/39	39/34	45/39	39/34	75	49
19	57	38	44	30	37	30	40	31	44	31	39	31	87	48
20	42	38	-	-	32/30	29/27	33/32	31	33	31	32	31/30	75	55
21	44	36	-	28	32	25	33	28	35	27	33	27	77	51
22	56	36	-	-	34	27	37	30	34	27	36	28	88	54
23	65	39	-	-	45	36	45	36	43	34	42	35	82	55
24	72	31	-	-	54e	38	50	34	55	32	53	38	66	50
25	76	32	-	-	60e	44	57	36	63e	35	57	40	72	58
26	78	30	65	48	63	48	58	36	68	34	62	43	69	63/60
27	62	34	52/49	39/35	54/47	36	45	38	51/49	39/31	50/46	39/36	67	53
28	73	28	64	35	60	37	56	35	63	30	55	35	71	48
29	78	31	65	47	62	46	57	38	66	33	62	41	65	40
30	78	31	65	47	63	48	58	38	66	34	61	42	-	36
MONTH	68.7	37.0	-	-	52.3	40.2	52.1	38.0	55.3	35.8	52.5	39.8	72.7	51.6
AVE.	52.8		-	-	46.2		45.0		45.6		46.2		62.2	

e = estimated (because of difficulty in reading hygrothermograph charts)

Record near Bovill maintained by Mr. Eldon Loe

Records at Crater Peak, Crater Lake, Pinchot Marsh, and Milton Tree maintained by Mr. Douglas Whitlock

Record at South Portland, Maine, kept by Mr. E. T. Richardson, Jr.

SEPTEMBER 1968

Date	3150'		2080'		5600'		6400'		5600'		5400'		5400'		South	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	58/71	28/55	100%	55%	-	-	72/99	42/70	86/99	49/74	85/99	53%	79/99	64/72	98%	44%
2	99	30	100	37	-	-	100	62	100	60	99	62	100	88	100	-
3	65	34	100	24	-	-	97	55	100	58	100	50	100	53	100	64
4	44	34	100	25	-	-	73	50	97	58e	87/100	-	83	54	100	62
5	55	36	100	26	-	-	76	56	100	58	100	-	84	57	100	61
6	60%	32%	100%	27%	-	-	67%	52%	99%	53%	100%	-	94%	57%	100%	71%
7	73	37	100	25	-	-	93	54	100	-	100	-	94	54	100	61
8	54	27	100	19	-	-	64	42	97	-	100	-	90	38	100	43
9	51	29	100	21	-	-	47	36/40	86	-	-	-	74	36	100	79
10	54	37	100	22	-	-	55	41/55	97	-	-	-	75	47	100	81
11	49%	38%	100%	34%	68/92%	51%	53/75%	39/41%	97%	51%	99%	37%	64/92%	46%	100%	96%
12	87	43	100	34	100%	62	100	62	100	67	100	55/63	100	74	100	64
13	82	40	100	29	97	46	96	46	98	48	100	38	99	53	98	40
14	100	49	100	51	100	96	100	96	100	92	100	75	100	90	99	33
15	98	62	98	67	100	100	100	-	100	96/99	98	90	100	97/100	100	46
16	95%	41%	99%	43%	100%	88%	100%	-	100%	91%	100%	74%	100%	94%	100%	44%
17	80/87	45/63	99	92	100	82/97	100	-	100	84/98	100	85	100	100	100	34
18	100	79	100	78	100	92	100	-	100	87/97	100	78	100	95/98	100	28
19	96	45	100	37	100	79	100	-	100	74	100	65	100	95	100	37
20	100	62/97	100	95	100	-	100	-	100	98	100	95	100	100	100	41
21	100%	95%	100%	84%	-	-	100%	-	100%	93%	100%	77%	100%	95%	100%	44%
22	99	43	100	53	-	-	100	-	100	87	100	96	100	100	100	36
23	91	51	100	50	-	-	100	-	100	87	100	96	100	100	99	35
24	83	40	100	34	-	-	100	-	100	58	100	62	100	77	100	76
25	81	37	100	28	-	-	100	-	100	60	100	42e	100	63e	100	77
26	62%	34%	100%	27%	73%	38/42%	68%	33/36%	98%	51%	100%	33%	66%	46%	100%	87%
27	79	47	100	45	92	66	94	38/68	97	43	99	47/52	90	70	100	58
28	74	45	100	33	100	44	96	41	94	71	100	39	100	57	100	33
29	86	41	100	28	63/76	43	57/59	42	96	52	100	33	90	42	100	33
30	72	40	100	25	75	46	59	38/44	99	47	100	39	92	54	98	-
MONTH AVE.	78%	46%	100%	42%	-	-	84%	67%	98%	68%	100%	57%	94%	70%	100%	54%
	62%		71%		-	-	76%		83%		78%		82%		77%	

Relative humidity records at Bovill, Pinchot Marsh, and South Portland are the most accurate, with little probable error. Low readings at Viola Hill, East Freezeout Saddle, Crater Peak, and Milton Tree probably 5% to 10% too high on drier days, while those at Crater Lake probably 10% or more too high on such days.

South Palouse Flat (1 mile S of Moscow) :	Date	High	Low	e = estimated
	(Low readings probably 5% to 7% too high)	1	98%		56%
	2	100	30	
	3	100	32	
	4	98	32	
	5	100	31	
	6	100	27	

TEMPERATURE RECORDS IN THE VICINITY OF MOSCOW, IDAHO

OCTOBER 1968

Date	2540' S. Palouse Flat (1 mi. S. of Moscow)		2610' Moscow University of Idaho		3150' Viola Hill		2865' Hilltop near Subalpine Fir Meadow		2635' Subalpine Fir Meadow		2660' Genesee Flat		2750' Hilltop adjacent to Genesee Flat	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	-	-	64	52	61	51/47	62	51	66	36	63	41	-	-
2	63	20	62	30	58	39	60	29	63	19	62	21	-	-
3	70	28	71	39	67	39	68	34	73	17	69	27	-	-
4	57	30	59	45	62/57	52/47	56	42	58	25	60	30	-	-
5	60	27	60	36	56	39	56	33	60	24	59	30	-	-
6	57	41/39	56	46/42	55	45/40	52	41/38	56	36	56	41	-	-
7	50	32	51	38	47	35	45	35	47	33	52	32	-	-
8	56	29	55	34	51	35	54	31	58	19	54	22	-	-
9	56	38	56	37	50	37	53	34	56	18	54	32	-	-
10	56	39	55	41	50	38	55	38	58	33	56	40	-	-
11	48	39	50	42	47	41	48	40	47	34	48	42	47	41
12	52	40	52	42	46	39	48	39	52	39	50	42	48	40
13	54	34	52	38	48	38	53	37	54	30	53	35	52	36
14	55	30	52	35	49	35	52	32	58	20	53	32	52	35
15	48	39	47	40	44	36	47	38	47	35	48	38	48	38
16	51	25	50	30	46	31	48	30	51	20	50	31	50	32
17	54	36	53	36	51	36	53	34	56	20	52	33	52	34
18	47	39/32	46	40/35	41	36	46	39	45	27	47	36	48	38
19	49	31	50	35	48	35	50	34	52	20	50	33	50	34
20	48	41	46	42	43	40	45	40	46	37	47	41	47/46	41
21	50	31	50	33	46	35	48	34	50	25	50	31	49	34
22	53	44	51	44	50	42	52	40	52	37	52	43	52	43
23	56	40	56	44	54	45	56	42	57	34	56	39	55	43
24	65	48	65	48	63	49	66	45	70	27	65	41	65	44
25	62	48	59	48	59	49	60	45	62	26	62	42	62	44
26	54	29	54	33	52	35	53	33	57	21	54	31	55	35
27	60	39	60	41	59	44	61	35	63	18	59	36	59	37
28	69	48	68	48	65	51	68	45	73	23	67	37	67	40
29	70	50/48	66	51/49	66	52/47	65	47	66	23	65	40	65	41
30	49	41	49	42	45	41/39	46	39	49/47	30	50	37	48	40
31	48	29	45	32	46	33	48	30	50	22	46	28	46	31
MONTH AVE.	55.8	36.0	55.1	39.8	52.3	39.7	53.7	37.5	56.5	26.7	55.1	35.0	54.6e	37.0e
		45.9		47.4		46.0		45.6		41.6		45.0		45.6e

PRECIPITATION (Inches)	Univ. of Idaho Moscow	1 mi. S. of Giant Pine	Enida Ridge	Bovill 2½ mi. north	Subalpine Fir Meadow	e = estimated
October 1 - 6	0.19	0.15	-	0.29	0.25	
" 7 - 13	1.28	1.45	-	1.93	1.60	
" 14 - 21	0.85	1.45	-	1.44	1.30	
" 22 - 28	0	0	-	0	0	
" 29 - 31	<u>0.31</u>	<u>0.30</u>	-	<u>0.16</u>	<u>0.24</u>	
Totals	2.63	3.35	4.20	3.82	3.39	

TEMPERATURES, Cont. RELATIVE HUMIDITIES (PER CENT)

OCTOBER 1968

Date	2880' Bovill (2½ mi. north)		South Portland, Maine		South Portland, Maine		2540' S. Palouse Flat (1 mi. S. of Moscow Hill)		3150' Viola Hill		2800' Bovill (2½ mi. north)		2750' Hilltop adjacent to Genesee Flat		2660' Genesee Flat	
	Max.	Min.	Max.	Min.	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
1	61	33	82	49	99%	34%	-	-	61%	42%	100%	29%	-	-	-	-
2	61	19	85	55	98	37	-	-	56	33	100	18	-	-	-	-
3	70	19	69	58	100	82	-	-	62	32	100	22	-	-	-	-
4	55	26	67	54/48	100	29	-	-	99	38/42	100	64	-	-	-	-
5	58	26	56	36	100	37	-	-	78	50	100	32	-	-	-	-
6	55	37	59	30	98%	29%	-	-	75%	45%	100%	32%	-	-	-	-
7	44	30	50	47	93/100	93	-	-	48%	100	54	100	62	-	-	-
8	51	23	56	45	100	59	100%	41	88	44	100	45	-	-	-	-
9	52	21	65	38	99	33	81	38	73	40	100	32	-	-	-	-
10	54	34	56	43	100	51	100	47	100	44/51	100	43	-	-	-	-
11	45	32	59	42	100%	73%	100%	75/95%	98%	63/87%	100%	97%	-	-	-	-
12	49	36	62	41	100	74	100	75	99	83	98	67	-	-	-	-
13	52	30	72	46	100	36	98	53	85	70/54	100	38	-	-	-	-
14	53	21	65	36	100	32	99	53	85/95	41/58	100	41	97%	56%	100%	57%
15	44	34	70	43	100	57	96	60	97	63	100	80	100	57	98	60
16	48	21	82	50	100%	42%	100%	43%	92%	45%	100%	39%	96%	45%	99%	42%
17	54	21	83	49	100	33	81	55	63	48	100	35	90	62	92	58
18	41	27	76	47	100	52	98	64	100	69	100	82	99	61	100	63
19	49	24	67	55	98/100	71/89	97	58	90	47	100	49	100	53	100	53
20	45	38	61/54	53	100	98	98	56/84	99	91	100	90	100	68/84	100	74/82
21	50	30	58	50	99%	37%	100%	62%	91%	57%	100%	53%	100%	60%	100%	60%
22	52	37	65	38	81/90	28	96/99	68/80	88	47/71	100	68	98	62/77	99	65/77
23	57	36	56	38	100	92	100	70	84	56	100	57	98	75	100	72
24	68	30	53	40	100	80	85	56	65	44	100	40	95	53	99	51
25	62	28	51	43	100	98	77/90	60	57/89	46/48	100	42	91	58	96	58
26	56	25	56	44	100%	31%	100%	39%	90%	33%	100%	31%	88%	38%	97%	38%
27	62	20	55	34	60	27	70	36	42	32	100	27	83	42	86	45
28	68	25	56	43	76	60	58	33	51	38	100	28	72	36	88	39
29	61	26	62	35	100	28	98	70	54/59	39	100	36	69	41	94	46
30	46/44	36	51	32	99	32	99	49	100	85	100	74	100	58	100	62
31	54	27	50	30	89	32	98	49	91	56	100	48	91	55	99	56
MONTH AVE.	54.0	28.2	62.9	43.2	88%	52%	94% ^e	55% ^c	83%	53%	100%	48%	93% ^c	56% ^c	97% ^e	57% ^e
		41.1		53.0		70%		74% ^c		68%		74%		74% ^c		77% ^e

e = estimated

Record near Bovill maintained by Mr. Eldon Loe

Record at South Portland, Maine, kept by Mr. E. T. Richardson, Jr.

1963 CLIMATOLOGICAL DATA

MOSSGOW - UNIVERSITY OF IDAHO
Elev. 2610 feet
Lat. 46°44'N., Long. 117° 1'W

VIOLA HILL, IDAHO
(4 miles N of Moscow)
Elev. 3150 feet
Lat. 46°47'N., Long. 117° 1'W

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
AUG	82.4	52.9	67.7	94	44	68	65	0.82	-	-	-	-	-	-	-
SEP	78.8	52.8	65.8	92	39	54	63	0.99	77.2	58.4	67.8	91	44	52	68
OCT	62.3	43.5	52.9	83	30	48	54	1.27	60.4	45.6	53.0	83	32	44	60
NOV	45.3	35.2	43.1	58	20	31	43	3.25	43.1	34.5	38.8	56	20	28	49
DEC	35.5	26.9	31.2	44	6	19	37	2.92	34.1	26.5	30.3	43	6	17	37
YEAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GENESEE FLAT, IDAHO
(½ mile NE of Genesee)
Elev. 2660 feet
Lat. 46°32'N., Long. 116°54'W.

GENESEE HILL, IDAHO
(3 miles E of Genesee)
Elev. 2900 feet
Lat. 46°32'N., Long. 116°52'W.

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
AUG	84.1	43.6	63.8	95	32	70	62	-	-	-	-	44e	65	-
SEP	80.3	42.1	61.2	94	28	51	59	77.9	53.3	65.6	91	42	49	63
OCT	63.5	35.1	49.3	84	20	46	50	61.9	43.4	52.6	81	29	47	54
NOV	46.1	31.1	38.6	60	15	33	41	-	-	-	59	19	-	-
DEC	35.5	23.4	29.4	45	-7	16	36	-	-	-	-	9	-	-
YEAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HARVARD VALLEY FLAT, IDAHO
(1½ miles NE of Harvard)
Elev. 2590 feet
Lat. 46°55'N., Long. 116°42'W.

EMIDA RIDGE, IDAHO
(11 miles NNE of Harvard)
(Near N-S Ski Bowl)
Elev. 3700 feet
Lat. 47°0'N., Long. 116°40'W.

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
AUG	-	-	-	-	31	66	-	76.4*	54.1*	65.2*	90	60	63	63
SEP	79.8	37.8	59.8	93	27	52e	52	72.8	52.0	62.4	86	36	48	63
OCT	62.9	30.9	46.9	85	14	48	45	-	-	-	77	-	-	54
NOV	44.8	27.6	36.2	60	11	30	38	-	-	-	54	15	-	39
DEC	34.5	19.0	26.9	47	-6	19	31	-	-	-	-	7	-	-
YEAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Record missing for first 4½ days of August at Emida Ridge.

GROWING SEASON - LENGTH OF PERIOD BETWEEN LAST AND FIRST FREEZING TEMPERATURES
1964 AND 1965

Station	1964			1965		
	Last 32°	First 32°	Growing Season (Days)	Last 32°	First 32°	Growing Season (Days)
Wawawai, Washington (Snake River Canyon)	-	-	-	Mar. 26	Sept. 17	175
Wawawai Canyon (3 mi. SE of Wawawai)	-	-	-	(Mar. 27) (33 May 6)	Nov. 25 (33 Sept. 17)	242 (133)
Wawawai Ridge	-	-	-	May 6	Sept. 16	132
Union Creek Flat	-	-	-	May 18 (33 June 7)	Aug. 30	103
Moscow, Univ. of Ida.	May 25	Oct. 3	130	May 7	Sept. 17	132
Viola Hill	May 5 (33 May 25)	Nov. 8 (34 Oct. 27)	186	May 6	Sept. 16	132
Potlatch Val. Flat	-	-	-	July 19	Aug. 30	50
Harvard Val. Flat	June 28	Aug. 15	48	July 19	Aug. 30 (33 Aug. 14)	50
Anida Ridge	May 25	Sept. 18	115	May 18	Sept. 16	120
Bald Mountain Lookout	-	Aug. 19	-	June 30	Aug. 29	61
Bovill (2½ mi. N.)	-	-	-	July 19	Aug. 14	25
Subalpine Fir Meadow	June 29	Aug. 10	42	July 19	Aug. 14e	25e
Hilltop near Subalpine Fir Mead.	May 23	Oct. 3	132	-	-	-
Genesee Flat	June 29	Aug. 15	47	June 28	Aug. 30	63
Genesee Hill	May 23	Oct. 27	166	-	-	-
Lewiston Airport	April 19	Nov. 15 (33 Oct. 18)	209	April 7 (34 May 18)	Sept. 17	151
Lewiston Downtown	April 19	Oct. 22 (33 Oct. 4)	185	April 7 (33 May 18)	Sept. 17	151

1964 CLIMATOLOGICAL SUMMARY

MOSCOW, IDAHO
 224 East 5th St.*
 Elev. 2565 feet
 Lat. 46°44'N., Long. 117° 0'W

VICLA HILL, IDAHO
 (4 miles N. of Moscow)
 Elev. 3150 feet
 Lat. 46°47'N., Long. 117°1'W.

Month	Temperatures								Precip. Month Total	Temperatures							
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.		
JAN	36.4	26.8	31.6	52	13	28	39	4.36	33.7	27.2	30.4	45	19	27	38		
FEB	39.7	26.2	33.0	48	17	33	36	0.47	36.5	26.8	31.6	43	20	28	37		
MAR	43.8	30.1	37.0	67	19	33	47	2.01	39.9	29.1	34.5	65	18	30	49		
APR	52.5	33.5	43.0	65	23	41	47	1.10	49.6	34.7	42.2	63	25	37	46		
MAY	63.4	41.2	52.3	84	31	42	53	0.77	59.6	42.7	51.2	81	30	42	58		
JUN	71.6	48.9	60.2	86	37	50	58	2.42	66.7	50.3	58.5	81	39	53	60		
JUL	80.5	53.0	66.8	98	44	66	65	2.03	76.3	57.9	67.1	94	47	61	73		
AUG	75.2	49.5	62.4	88	39	60	62	1.12	73.3	53.6	63.4	89	43	58	65		
SEP	67.2	44.2	55.8	84	34	52	54	0.85	65.0	48.1	56.6	81	39	48	55		
OCT	61.3	40.4	50.8	80	31	43	51	0.82	59.2	43.4	51.3	81	34	40	57		
NOV	41.7	31.5	36.6	61	19	28	47	2.93	38.6	30.4	34.5	57	20	27	48		
DEC	35.2	23.3	29.2	49	-15	-6	44	5.68	32.3	22.5	27.4	49	-15	-8	40		
YEAR	55.7	37.4	46.6	98	-15	-6	65	24.56	52.6	38.9	45.8	94	-15	-8	73		

GENESEE FLAT, IDAHO
 (1/2 mile NE of Genesee)
 Elev. 2660 feet
 Lat. 46°32'N., Long. 116°54'W.

GENESEE HILL, IDAHO
 (1/2 miles E of Genesee)
 Elev. 2900 feet
 Lat. 46°32'N., Long. 116°52'W

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.
JAN	36.3	21.8	29.0	47	-2	26	34	-	-	-	45	15	-	-
FEB	39.1	19.3	29.2	46	3	32	34	36.2	24.8	30.5	45	15	31	33
MAR	44.4	26.2	35.3	68	11	34	42	-	-	-	67	18	-	-
APR	52.3	31.3	41.8	66	18	39	45	-	-	-	66	25	38	47
MAY	62.2	37.4	49.8	82	24	40	52	-	-	-	80	30	-	54
JUN	69.1	45.0	57.0	85	29	56	55	67.7	49.1	58.4	84	41	54	58
JUL	80.0	45.3	62.6	96	35	65	63	78.8	55.5	67.2	96	43	64	68
AUG	76.4	41.3	58.8	92	31	60	56	76.2	52.2	64.2	92	43	59	62e
SEP	68.7	35.0	51.8	83	25	51	48	68.3	46.9	57.6	84	35	50e	51
OCT	61.2	32.9	47.0	80	18	40	52	-	-	-	77	31	-	51
NOV	41.0	27.6	34.3	59	13	29	42	-	-	-	57	19	-	-
DEC	-	-	-	49	-23	-	-	-	-	-	-	-	-	-
YEAR	-	-	-	96	-23	-	63	-	-	-	96	-	-	-

*Moscow record kept at College of Mines Building, Univ. of Idaho, (elev. 2610 feet) from September through December.

1964 CLIMATOLOGICAL SUMMARY

HARVARD VALLEY FLAT, IDAHO
 (1 1/4 miles NE of Harvard)
 Elev. 2590 feet
 Lat. 46°55'N., Long. 116°42'W.

GIANT WHITE PINE FOREST
 (7 miles N. of Harvard, Idaho)
 Elev. 2800 feet
 Lat. 47°0'N., Long. 116°40'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.
JAN	34.7	18.7	26.7	44	5.9	28	31	-	-	-	-	-	-	-	-
FEB	38.0	13.8	25.9	46	-5	29	30	-	-	-	-	-	-	-	-
MAR	42.9	23.8	33.4	68	11	32	33	-	-	-	-	-	-	-	-
APR	52.6	30.3	41.4	65	20	40	40	-	-	-	48	18	-	34e	-
MAY	62.0	35.1	48.6	85	26	36	48	-	53.7	34.1	43.9	75	28	34	48
JUN	69.7	42.8	56.2	84	29	50	52	-	-	-	80	33e	-	-	-
JUL	79.7	43.5	61.6	99	34	66	60	-	74.0	47.0	60.5	92	40	58	60
AUG	75.0	40.1	57.6	93	32	57	55	-	66.7	44.2	55.4	80	37	50	56
SEP	67.1	33.8	50.4	82	23	50	45	-	57.5	38.6	48.0	68	30	49	47
OCT	61.9	29.9	45.9	85	19	38	47	1.64	49.5	34.6	42.0	62	26	34	47
NOV	41.8	25.9	33.4	62	13	28	41	5.78	35.7	28.5	32.1	49	18	28	39
DEC	34.7	17.2	26.0	51	-28	-4	40	4.57	-	-	-	-	-	-	-
YEAR	55.0	29.6	42.3	99	-28	-4	60	-	-	-	-	92	-	-	-

EMIDA RIDGE, IDAHO
 (11 miles NNE of Harvard)
 (Near N-S Ski Bowl)
 Elev. 3700 feet
 Lat. 47°4'N., Long. 116°40'W.

BALD MOUNTAIN, IDAHO
 (11 miles NE of Harvard)
 Elev. 5330 feet
 Lat. 47° 2'N., Long. 116°34'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	-	-	-	57	22	32	40	-	-	-	-	-	-	-	-
MAY	-	-	-	79	28	31	48	-	-	-	-	-	-	-	-
JUN	65.2	47.2	56.2	80	38	44	56	-	-	-	-	-	-	-	-
JUL	-	-	-	94	42	61	-	-	-	-	-	89	36	57	69
AUG	69.5	49.3	59.4	87	38	51	62	-	63.8e	45.0e	54.4e	82	32	-	56
SEP	61.6	42.1	51.8	79	32	46	50	2.34	54.9e	40.4e	47.6e	71	30	39	50
OCT	56.8	39.6	48.2	77	25	38	57	1.69	-	-	-	-	-	-	-
NOV	-	-	-	57	-	-	45	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR	-	-	-	94	-	-	-	-	-	-	-	89	-	-	69

e = estimated because of some missing records.

SUBALPINE FIR MEADOW, IDAHO
(Halfway between Troy and Deary)
Elev. 2635 feet
Lat. 46°46'N., Long. 116°40'W.

HILLTOP NEAR SUBALPINE FIR MEADOW
(Halfway between Troy and Deary)
Elev. 2865 feet
Lat. 46°46'N., Long. 116°39'W.

Month	Temperatures					
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mn.
	JAN	-	-	-	-	-
FEB	-	-	-	-	-5	-
MAR	39.5	20.8	30.2	55	8	30
APR	50.4	28.6	39.5	63	17	37
MAY	61.1	34.7	47.9	84	23	36
JUN	69.0	41.7	55.5	83	28	49
JUL	78.6	43.3	61.0	95	35	64
AUG	75.9	38.3	57.1	92	29	54
SEP	68.2	31.3	49.8	82	20	50
OCT	61.1	25.5	43.3	81	15	40
NOV	39.4	23.0	31.2	57	6	28
DEC	-	-	-	-	-35	-5
YEAR	-	-	-	95	-35	-5

Month	Temperatures					
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mn.
	JAN	-	-	-	-	-
FEB	-	-	-	-	-	-
MAR	40.7	26.8	33.8	65	13	30
APR	49.6	32.1	40.8	62	24	36
MAY	60.5	39.8	50.2	82	29	36
JUN	67.5	47.7	57.6	81	36	54
JUL	78.6	52.5	65.6	96	44	68
AUG	74.7	49.1	61.9	92	42	54
SEP	67.5	43.5	55.8	83	36	49
OCT	61.7	39.8	50.8	83	30	40
NOV	-	-	-	59	-	-
DEC	-	-	-	-	-16	-
YEAR	-	-	-	96	-16	-

LEWISTON, IDAHO - AIRPORT
(U. S. Weather Bureau Office)
Elev. 1413 feet
Lat. 46°23'N., Long. 117° 1'W.

LEWISTON, IDAHO - DOWNTOWN
(Lewiston Morning Tribune Office)
Elev. 760 feet
Lat. 46°26'N., Long. 117° 1'W.

Month	Temperatures						Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mn.	
	JAN	43.3	31.3	37.3	58	22		36	0.49
FEB	46.4	28.3	37.4	53	19	39	0.21
MAR	51.5	32.9	42.2	76	23	39	0.63
APR	58.7	36.6	47.7	72	25	46	0.93
MAY	69.6	45.6	57.6	89	34	48	0.27
JUN	75.9	53.4	64.6	91	44	56	3.11
JUL	86.6	58.9	72.8	105	52	70	1.67
AUG	82.0	55.5	68.6	96	47	66	0.66
SEP	73.9	48.1	60.5	90	41	58	0.87
OCT	64.1	41.2	52.6	80	33	42	0.94
NOV	45.0	33.6	39.3	62	21	32	1.35
DEC	38.9	25.8	32.4	57	-11	5	3.28
YEAR	61.3	40.9	51.1	105	-11	5	14.81

Month	Temperatures					
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mn.
	JAN	43.8	30.6	37.2	59	16	32
FEB	48.1	28.2	38.2	55	20	41
MAR	53.3	32.4	42.8	78	19	40
APR	63.8	39.2	51.5	75	28	50
MAY	73.8	46.2	60.0	93	36	50
JUN	80.1	53.1	66.6	93	44	64
JUL	90.8	59.6	75.2	109	53	74
AUG	85.7	56.1	70.9	99	47	69
SEP	77.4	46.5	62.0	92	38	60
OCT	67.7	38.4	53.0	83	30	45
NOV	47.4	33.6	40.5	65	20	35
DEC	40.5	25.5	33.0	58	-6	10
YEAR	64.4	40.8	52.6	109	-6	10

1964 CLIMATOLOGICAL SUMMARY

4.

AVERAGE RELATIVE HUMIDITIES - PER CENT

	Ave. Daily	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Lewiston	Max.	80	80	75	77	71	82	70	73	80	88	93	92	80
Airport	Min.	52	43	39	34	28	36	26	26	29	45	66	67	41
(Weather Bureau)	Mean	66	62	57	56	49	59	48	50	54	66	80	80	60
Moscow, Univ. of Idaho	Max.	-	-	-	-	-	-	-	-	-	-	98	98	-
	Min.	-	-	-	-	-	-	-	-	-	-	71	75	-
	Mean	-	-	-	-	-	-	-	-	-	-	84	86	-
Viola Hill	Max.	-	83	88	88	77	87	69	77	82	81	97	95	84#
	Min.	-	61	55	43	40	48	33	34	40	44	73	75	50#
	Mean.	-	72	72	66	59	67	51	56	61	62	85	85	67#
Harvard Valley Flat	Max.	-	98	96	98	98	98	98	99	99	99	99	98	98#
	Min.	-	56	55	44	41	46	33	33	36	42	69	75	48#
	Mean	-	77	76	71	70	72	66	66	68	70	84	86	73#
Giant White Pine Forest	Max.	-	-	-	-	99	-	-	-	-	100	100	-	-
	Min.	-	-	-	-	51	-	-	-	-	85	97	-	-
	Mean	-	-	-	-	75	-	-	-	-	92	98	-	-
Enida Ridge (N-S Ski Bowl)	Max.	-	-	-	-	-	-	-	-	91	95	-	-	-
	Min.	-	-	-	-	-	-	-	-	48	54	-	-	-
	Mean	-	-	-	-	-	-	-	-	70	74	-	-	-
Bald Mountain Lookout	Max.	-	-	-	-	-	-	-	-	88	-	-	-	-
	Min.	-	-	-	-	-	-	-	-	56	-	-	-	-
	Mean	-	-	-	-	-	-	-	-	72	-	-	-	-
Genesee Flat	Max.	-	-	-	-	-	97	97	96	97	-	-	-	-
	Min.	-	-	-	-	-	46	34	34	36	-	-	-	-
	Mean	-	-	-	-	-	72	66	65	66	-	-	-	-
Hilltop near Subalpine Fir Meadow	Max.	-	-	90	94e	-	-	-	-	-	-	-	-	-
	Min.	-	-	57	47e	-	-	-	-	-	-	-	-	-
	Mean	-	-	74	70e	-	-	-	-	-	-	-	-	-

11 months average, February through December, Viola Hill and Harvard Valley Flat

e = estimate necessary because of missing records.

1965 CLIMATOLOGICAL SUMMARY

1.

WAWAWAI, SNAKE RIVER CANYON, WASHINGTON
 Elevation 675 feet
 Lat. 46°38' N., Long. 117°23' W

WAWAWAI CANYON, WASHINGTON
 (3 miles SE of Wawawai)
 Elev. 1500 feet
 Lat. 46°37' N., Long. 117°20' W

Month	Temperatures							Precip. Month Total	Temperatures							Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Month Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Month Mn.	
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	51.5e	35.2e	43.8e	66	24	37	47	-	-	-	-	-	-	-	-	-
MAR	56.0	32.7	44.4	79	18	39	44	0.68	-	-	-	-	-	-	-	-
APR	66.5	45.1	55.8	82	34	51	63	2.48	61.6	46.2	54.6	76	36	47	62	-
MAY	72.5	47.4	60.0	89	38	57	59	0.60	66.1	47.3	56.7	85	33	50	63	-
JUN	81.2	53.3	67.2	95	45	61	63	-	76.1	54.5	65.3	91	47	57	63	-
JUL	91.1	61.2	76.2	107	51	62	72	0.74	87.4	63.4	74.4	102	52	60	75	-
AUG	87.7	61.2	74.4	108	45	68	77	0.66	83.6	62.7	73.2	104	48	65	79	-
SEP	75.5	49.4	62.4	90	32	52	59	0.19	70.8	50.3	60.6	85	33	55	62	-
OCT	71.8e	47.8e	59.8e	86	36	58	57	-	68.5	49.7	59.1	82	35	56	59	-
NOV	54.5	42.1	48.4	68	32	40	52	1.82	51.9	40.6	46.2	66	25	36	50	-
DEC	45.4	34.8	40.1	65	22	31	48	0.58	41.9	32.5	37.2	62	16	24	50	-
YEAR	-	-	-	108	18	31	77	-	-	-	-	104	-	24	79	-

RIDGE ABOVE WAWAWAI, WASHINGTON
 (4 miles SE of Wawawai)
 Elev. 2500'
 Lat. 46°36' N., Long. 117°19' W.

UNION CREEK FLAT, WASHINGTON
 (6 miles SSW of Pullman)
 Elev. 2436'
 Lat. 46°41' N., Long. 117°15' W.

Month	Temperatures							Precip. Month Total	Temperatures							Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Month Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Month Mn.	
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	62.6	44.1	53.4	80	30	47	60	0.76	63.8	38.2	51.0	82	26	49	50	-
JUN	70.9	52.3	61.6	86	43	51	63	2.29	72.5	43.4	56.0	86	33	54	57	-
JUL	-	-	-	-	-	-	-	0.72	82.6	48.2	65.4	96	37	56	61	-
AUG	80.5	58.9	69.7	102	44	61	73	0.75	80.4	48.5	64.4	100	30	62	64	-
SEP	66.8	47.0	56.9	82	30	50	58	0.26	68.0	36.6	52.3	82	19	50	51	-
OCT	64.9	46.0	55.4	79	32	50	55	-	67.5	37.3	52.4	83	22	52	49	-
NOV	46.7	37.5	42.1	60	29	34	51	1.47	49.3	32.1	40.7	69	20	34	45	-
DEC	36.7	28.0	32.4	55	15	24	46	0.86	38.4	25.2	31.8	54	10	26	44	-
YEAR	-	-	-	102	-	24	73	-	-	-	-	100	-	26	64	-

e = estimation necessary due to missing data.

1965 CLIMATOLOGICAL SUMMARY

2.

Page 2

MOSCOW, - UNIVERSITY OF IDAHO
Elev. 2610 feet
Lat. 46°44'N., Long. 117° 1'W.

VIOLA HILL, IDAHO
(4 miles N of Moscow)
Elev. 3150 feet
Lat. 46°47'N., Long. 117° 1'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Low Mn.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Low Mn.	High Mn.	
JAN	36.6	26.9	31.8	50	12	27	40	3.41	34.4	27.2	30.8	47	17	25	37	-		
FEB	39.8	30.3	35.0	55	19	28	41	1.51	38.2	30.0	34.1	53	20	27	41	-		
MAR	45.3	27.1	36.7	68	11	27	40	1.01	43.0	29.2	36.1	65	11	25	46	-		
APR	57.4	38.9	48.2	75	30	36	55	2.65	54.3	39.9	47.1	69	28	32	56	-		
MAY	62.9	40.7	51.8	82	29	47	56	0.93	60.4	43.3	51.8	80	27	44	61	-		
JUN	71.4	47.5	59.4	86	41	53	58	1.78	68.1	50.9	59.5	83	38	49	61	-		
JUL	82.4	55.7	69.0	96	47	55	65	0.38	79.5	59.8	69.6	93	45	52	78	-		
AUG	78.8	55.3	67.0	100	39	59	71	1.06	76.5	58.8	67.6	97	42	55	77	-		
SEP	66.1	42.8	54.4	78	27	51	54	0.27	63.5	45.8	54.6	77	31	45	55	-		
OCT	64.7	43.8	54.2	80	27	50	54	0.39	63.0	47.5	55.2	79	32	46	58	-		
NOV	47.3	36.7	42.0	64	25	33	47	1.82	45.8	35.9	40.8	65	27	33	49	-		
DEC	37.1	28.9	33.0	51	17	27	42	0.86	35.1	28.0	31.6	51	15	24	44	-		
YEAR	57.5	39.6	48.6	100	11	27	71	16.07	55.2	41.4	48.3	97	11	24	78	-		

GENESEE FLAT, IDAHO
(½ mile NE of Genesee)
Elev. 2690 feet
Lat. 46°32'N., Long. 116°54'W.

POTLATCH VALLEY FLAT, IDA.
(1 mile E of Potlatch)
Elev. 2510 feet
Lat. 46°54'N., Long. 116°53'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Low Mn.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	Low Mn.	High Mn.	
JAN	-	-	-	-	-	-	-	-	36.3	26.1	31.2	51	7	28	39	2.78		
FEB	-	-	-	-	-	-	-	-	41.6	28.5	35.0	58	14	31	38	1.37		
MAR	-	-	-	-	-	-	-	-	(45e)	(24e)	(34.5e)	68	8	-	-	0.78		
APR	-	-	-	-	-	-	-	-	-	-	-	72	28	36	-	3.17		
MAY	61.9e	37.1e	49.5e	82	-	-	54	-	61.8e	36.1e	49.0e	80	27	-	51	1.43		
JUN	71.2	41.4	56.3	86	28	52	57	-	70.6e	40.5e	56.6e	86	32	53	53	1.61		
JUL	80.9	47.2	64.0	95	34	55	63	-	81.5	44.8	63.2	96	32	56	59	0.50		
AUG	79.8	47.7	63.8	99	27	60	62	-	79.3e	46.3e	62.8e	99	30	58	61	2.28		
SEP	-	-	-	-	-	-	-	-	66.0	34.3	50.2	78	21	50	51	0.77		
OCT	65.8	36.8	51.3	81	20	49	50	-	66.9	35.8	51.4	83	20	48	49	0.46e		
NOV	46.3	31.9	39.1	66	10	33	45	-	-	-	-	66	-	-	47	-		
DEC	36.9	25.6	31.2	51	6	25	38	-	38.7	25.6	32.2	57	-2	26	39	0.96		
YEAR	-	-	-	99	-	60	63	-	-	-	-	99	-2	26	61	-		

e = estimation necessary due to missing data.

HARVARD VALLEY FLAT, IDAHO
 (1 1/4 miles NE of Harvard)
 Elev. 2590 feet
 Lat. 46°55'N., Long. 116°42'W.

EMIDA RIDGE, IDAHO
 (11 miles NNE of Harvard)
 (Near N-S Ski Bowl)
 Elev. 3700 feet
 Lat. 47°04'N., Long. 116°40'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.			
JAN	35.8	23.0	29.4	49	8	26	38	4.92	32.7	25.1	28.9	43	18	23	36	-		
FEB	41.0	24.2	32.6	57	8	29	35	2.69	36.3	24.2	30.2	55	12	25	37	3.30		
MAR	46.2	18.4	32.3	69	1	27	30	0.94	-	-	-	63	3	-	38	-		
APR	57.3	32.1	44.7	72	21	34	48	3.66	52.2	35.7	44.0	70	22	37	50	5.31		
MAY	62.6	34.0	48.3	82	24	46	49	1.53	58.4	39.5	49.0	80	28	40	56	2.05		
JUN	71.3	38.3	54.8	86	29	53	51	2.90	66.7	47.9	57.3	85	35	52	60	2.78		
JUL	82.1	42.9	62.5	94	31	54	55	0.47	76.9	54.7	65.8	89	42	52	65	0.47		
AUG	79.7	45.1	62.4	99	27	61	60	2.66	73.7	53.5	63.6	91	36	51	70	3.00		
SEP	66.4	32.2	49.3	80	19	50	49	1.13	60.5	40.2	50.4	74	25	43	51	1.24		
OCT	66.6	28.8	47.7	83	15	43	46	0.58	62.7	43.1	52.9	81	27	40	55	0.67		
NOV	47.6	27.2	37.4	67	8	32	45	2.00e	42.9	33.1	38.0	67	23	30	43	2.51+		
DEC	37.1e	20.3e	30.8e	50	0	-	34	1.17	32.9	24.8	28.8	48	14	20	38	-		
YEAR	57.8	30.5	44.2	99	0	-	60	24.65e	53.1e	36.8e	45.0e	91	3	20	70	-		

BALD MOUNTAIN, IDAHO
 (11 miles NE of Harvard)
 Elev. 5330 feet
 Lat. 47°02'N., Long. 116°34'W.

2 1/2 MILES N. OF BOVILL, IDAHO
 (at Purdue Creek)
 Elev. 2880 feet
 Lat. 46° 3'N., Long. 116°23'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.			
JAN.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FEB.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MAR.	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-		
APR.	-	-	-	-	-	-	-	-	56.1	30.0	43.0	70	20	32	41	5.42		
MAY	-	-	-	-	-	-	-	-	62.5	31.9	47.2	80	22	45	47	1.86		
JUN	-	-	-	-	-	-	-	-	71.0	36.3	53.6	86	28	53	52	2.56		
JUL	71.9	52.8	62.4	83	38	45	66	0.71	81.8	40.5	61.2	94	30	54e	51	0.73		
AUG	67.6	51.0	59.3	86	32	44	66	5.15	77.2	43.6	60.4	97	25	55	58	3.02		
SEP	54.0	37.6	45.8	67	19	37	50	1.53+	64.4	30.2	47.2	77	19	50	46	1.05		
OCT	55.1e	41.2e	48.2e	72	24	34	53	1.16	64.0	29.1	46.6	80	17	44	46	0.97		
NOV	-	-	-	-	-	-	-	-	45.4	26.8	36.1	61	4	30	43	-		
DEC	-	-	-	-	-	-	-	-	33.4	19.1	26.2	48	-4	25	31	1.61		
YEAR	-	-	-	86	-	-	66	-	-	-	-	97	-	-	58	-		

ONE MILE SOUTH OF GIANT WHITE PINES
 (6 MILES NNE OF HARVARD, IDAHO)
 Elev. 2880 feet
 Lat. 46°59'N., Long. 116°40'W.

PRECIPITATION ONLY

January	4.92	August	2.84
February	3.54	September	1.17
March	0.98	October	0.66
April	4.51	November	3.12
May	1.79	December	1.55
June	2.72		
July	0.37	YEAR	28.17

e = estimation necessary because of missing records.

SUBALPINE FIR MEADOW, IDAHO
(Halfway between Troy and Deary)
Elev. 2635 feet
Lat. 46°46'N., Long. 116°40'W.

HILLTOP NEAR SUBALPINE FIR MEADOW
(Halfway between Troy and Deary)
Elev. 2865 feet
Lat. 46°46'N., Long. 116°39'W.

Month	Temperatures							Precip. Month Total	Temperatures							Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	
JAN	36.2e	21.4e	28.8e	45	0	25	34	-	37.0e	26.9e	32.0e	51	14	26	35	-
FEB	40.2	21.5	30.8	53	0	29	34	2.58	-	-	-	56	12	-	-	-
MAR	46.4	18.3	32.4	67	3	28	31	0.95	44.4	23.8	34.1	67	6	26	35	-
APR	57.7	32.3	45.0	75	21	36	46	4.25	-	-	-	-	-	-	-	-
MAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	97	30	55	-	-	-	-	-	93	-	-	70	-
AUG	-	-	-	99	24	-	-	-	-	-	-	98	33	-	-	-
SEP	66.8	31.0	48.9	80	17	51	50	-	64.7	40.7	52.7	77	25	48	50	-
OCT	67.2	26.8	47.0	84	14	47	45	-	65.2	42.1	53.6	82	26	46	51	-
NOV	49.0	25.2	37.1	64	2	34	44	-	46.2	33.5	39.9	64	22	33	45	-
DEC	38.2	17.9	28.0	51	-1	26	30	-	36.2	25.9	31.0	52	14	26	38	-
YEAR	-	-	-	99	-1	25	-	-	-	-	-	98	6	26	70	-

LEWISTON, IDAHO - AIRPORT
(U. S. Weather Bureau Office)
Elev. 1413 feet
Lat. 46°23'N., Long. 117°1'W.

LEWISTON, IDAHO - DOWNTOWN
(Lewiston Morning Tribune Office)
Elev. 760 feet
Lat. 46°26'N., Long. 117°1'W.

Month	Temperatures							Precip. Month Total	Temperature							Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	
JAN	38.8	29.2	34.0	50	12	30	41	2.99	42.4	29.2	35.8	54	13	35	42	-
FEB	47.9	32.3	40.1	64	21	35	44	0.40	50.2	31.1	40.6	66	19	37	42	-
MAR	51.9	28.6	40.2	73	12	36	41	0.54	54.8	27.7	41.2	77	13	38	41	-
APR	62.7	42.3	52.5	78	32	43	54	1.99	66.4	40.8	53.6	82	29	44	55	-
MAY	69.5	44.5	57.0	86	34	53	60	0.48	73.8	42.9	58.4	90	33	58	57	-
JUN	79.0	51.8	65.4	91	43	60	60	0.91	83.1	49.0	66.0	94	41	-	60	-
JUL	89.5	59.4	74.4	102	48	64	70	0.82	93.0	58.6	75.8	108	45	70	75	-
AUG	85.7	59.5	72.6	104	42	68	75	1.41	89.2	59.5	74.4	109	41	72	79	-
SEP	72.2	46.8	59.5	87	28	57	61	0.28	76.0	45.9	61.0	90	28	60	60	-
OCT	69.0	43.5	56.2	82	32	55	55	0.34	72.7	41.3	57.0	85	31	58	51	-
NOV	51.7	37.5	44.6	64	26	38	48	1.10	54.6	35.7	45.2	66	26	42	46	-
DEC	43.0	30.1	36.6	63	17	33	41	0.14	45.2	31.0	38.1	66	18	36	40	-
YEAR	63.4	42.1	52.8	104	12	30	75	11.40	66.8	41.1	54.0	109	13	35	79	-

e = estimation necessary due to missing data.

1965 CLIMATOLOGICAL SUMMARY

5.

AVERAGE RELATIVE HUMIDITIES - PER CENT

	Ave. Daily	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Wawawai, Snake R. Canyon	Max.	-	-	89	93	88	89	-	77	81	80	88	84	-
	Min.	-	-	34	43	34	34	-	28	29	32	52	52	-
	Mean	-	-	62	68	61	62	-	52	55	56	70	68	-
Wawawai Canyon (3 mi SE)	Max.	-	-	-	-	-	69e	-	65	62	67	86	85	-
	Min.	-	-	-	-	-	37e	-	32	31	38	58	59	-
	Mean	-	-	-	-	-	53e	-	48	46	52	72	72	-
Ridge above Wawawai (4 mi SE)	Max.	-	-	-	-	77	70	-	68	61	74	93	92	-
	Min.	-	-	-	-	41	42	-	36	34	42	66	66	-
	Mean	-	-	-	-	59	56	-	52	48	58	80	79	-
S. Palouse Flat (1 mi S of Moscow)	Max.	98* 80	-	-	-	-	-	-	-	-	-	96	93	-
	Min.	80*	-	-	-	-	-	-	-	-	-	66	64	-
	Mean	89*	-	-	-	-	-	-	-	-	-	81	78	-
Genesee Flat	Max.	-	-	-	-	-	-	-	-	-	90	97	94	-
	Min.	-	-	-	-	-	-	-	-	-	42	60	66	-
	Mean	-	-	-	-	-	-	-	-	-	66	82	80	-
Viola Hill	Max.	98	94	71	89	80	74	67	73	73	69	93	90	81
	Min.	83	69	39	46	38	42	34	38	38	37	66	66	50
	Mean	90	82	55	68	59	58	50	56	56	53	80	78	66
Harvard Valley Flat	Max.	98	98	97	99	99	100	99	99	99	100	100	100	99
	Min.	78	57	36	44	37	37	29	35	35	36	67	67	46
	Mean	88	78	66	72	68	68	64	67	67	68	84	84	72
Emida Ridge (N-S Ski Bowl)	Max.	98	98	-	92	85	78e	79	85	89	86	99	96	89#
	Min.	90	66	-	51	44	45e	39	46	47	47	79	77	56#
	Mean	94	82	-	72	64	62e	59	66	68	66	89	86	72#
Bald Mountain Lookout	Max.	-	-	-	-	-	-	75	81	87	78	-	-	-
	Min.	-	-	-	-	-	-	43	54	54	55	-	-	-
	Mean	-	-	-	-	-	-	59	68	70	66	-	-	-
Bovill (2½ mi. N)	Max.	-	-	-	99	-	-	-	-	-	100	100	98	-
	Min.	-	-	-	46	-	-	-	-	-	41	75	92	-
	Mean	-	-	-	72	-	-	-	-	-	70	88	95	-
Lewiston Airport (Weather Bureau)	Max.	95	86	80	87	88	73	68	77	75	86	95	89	82
	Min.	77	51	33	42	34	27	21	30	29	39	66	59	42
	Mean	86	68	56	64	61	50	44	54	52	62	80	74	62

*College of Mines Building, Univ. of Idaho record, January

#Yearly average obtained after placing an estimate for March of 80% ave. daily max. and 45% ave. daily min. (based upon correlation with records at other stations)

1966 CLIMATOLOGICAL SUMMARY

1.

WAWAWAI, SNAKE RIVER CANYON, WASHINGTON
 Elevation 675 feet
 Lat. 46°38'N., Long. 117°23'W.

WAWAWAI CANYON, WASHINGTON
 (3 miles SE of Wawawai)
 Elev. 1500 feet
 Lat. 46°37'N., Long. 117°20'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.		
JAN	45.3	35.3	40.3	63	25	34	47	4.15	41.7	32.8	37.2	61	17	26	46
FEB	50.0	35.8	42.9	62	24	41	45	1.39	45.4	34.5	40.0	56	20	37	44
MAR	58.2	38.8	48.5	75	25	45	50	1.88	53.7	38.4	46.0	74	22	40	49
APR	66.5	42.9	54.7	78	27	52	54	0.49	61.8e	45.4e	53.6e	74	27	50	56
MAY	76.6	49.1	62.8	101	39	56	61	0.61	72.8	52.1	62.4	97	42	52	67
JUN	80.2	55.0	67.6	98	43	59	67	0.75	73.8	54.1	64.0	90	42	55	63
JUL	90.0	59.1	74.6	100	50	65	72	0.78	84.1	60.5	72.3	94	50	59	68
AUG	90.5	60.0	75.2	110	50	69	69	0.50	85.0	61.9	73.4	105	51	63	77
SEP	84.4	57.5	71.0	102	46	65	71	0.46e	78.9	58.1	68.5	100	50	63	71
OCT	66.2	46.1	56.2	84	37	51	62	0.95	62.3	46.3	54.3	80	36	49	58
NOV	53.3	39.6	46.8	63	30	40	47	2.36	50.0	39.7	44.8	61	28	38	51
DEC	47.7	37.3	42.5	54	28	37	47	2.85	44.7	37.2	41.0	53	29	33	46
YEAR	67.4	46.4	56.9	110	24	34	72	17.17	62.8	46.8	54.8	105	17	26	77

RIDGE ABOVE WAWAWAI, WASHINGTON
 (4 miles SE of Wawawai)
 Elev. 2500'
 Lat. 46°36'N., Long. 117°19'W.

UNION CREEK FLAT, WASHINGTON
 (6 miles SSW of Pullman)
 Elev. 2436'
 Lat. 46°41'N., Long. 117°15'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.		
JAN	37.8	28.9	33.4	54	17	25	40	2.03	38.3	26.5	32.4	53	0	24	40
FEB	41.4	31.2	36.3	54	18	30	40	-	40.6	27.1	33.8	51	3	30	35
MAR	49.4e	33.4e	41.4e	69	20	35	46	-	49.6	30.1	39.8	72	14	28	42
APR	57.4	39.3	48.4	71	23	43	48	0.42e	56.8	31.7	44.2	70	10	43	42
MAY	68.6	47.7	58.2	92	34	46	64	0.51e	68.1	39.3	53.7	92	29	48	58
JUN	69.3	51.6	60.4	87	38	51	62	0.73	69.4	42.7	56.0	85	30	50	57
JUL	81.3	58.7	70.0	93	46	54	70	0.73	80.9	45.2	63.0	91	34	58	60
AUG	82.5	60.4	71.4	101	50	59e	72	0.80	82.1	45.9	64.0	99	36	60	60
SEP	76.5	55.2	65.8	96	44	58	67	-	77.2	45.1	61.2	96	32	59	58
OCT	58.4	42.2	50.3	78	33	45	54	1.01e	59.5	35.6	47.6	78	24	44	53
NOV	44.2	34.7	39.4	54	24	32	43	2.46+	46.9	32.3	39.6	60	23	37	42
DEC	39.8	32.5	36.2	49	25	30	41	2.96-	40.0	31.1	35.6	48	19	29	42
YEAR	58.9	43.0	51.0	101	17	25	72	-	59.1	36.0	47.6	99	0	24	60

e = estimated

1966 CLIMATOLOGICAL SUMMARY

MOSCOW - UNIVERSITY OF IDAHO
 Elev. 2610 feet
 Lat. 46°44'N., Long. 117° 1'W.

VIOLA HILL, IDAHO
 (4 miles N. of Moscow)
 Elev. 3150 feet
 Lat. 46°47'N., Long. 117° 1'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	36.6	28.4	32.5	50	9	21	39	4.00	33.8	26.5	30.2	50	11	18	36
FEB	39.6	28.0	33.8	49	6	30	38	1.25	36.6	28.8	32.7	48	16	26	38
MAR	48.8	32.2	40.5	72	18	33	44	1.87	46.0e	32.7e	39.4e	68	19	31	48
APR	57.5	35.0	46.2	73	17	43	46	0.34e	54.8	36.3	45.6	68	18	41e	50
MAY	69.1	43.4	56.2	93	33	48	60	0.61	66.3	46.9	56.6	90	32	45	66
JUN	69.3	47.5	58.4	88	38	50	59	1.13	66.5	49.1	57.8	84	34	49	62
JUL	79.8	50.7	65.2	92	43	56	61	0.53	78.9	57.1	68.0	91	42	52	68
AUG	81.0	52.5	66.8	101	40	60	68	0.39	80.2	58.9	69.6	97	47	55	74
SEP	76.7	50.6	63.6	93	42	59	63	0.08	75.0	55.1	65.0	92	44	56	66
OCT	56.9	39.2	48.0	76	29	40	52	1.13	54.1	40.1	47.1	76	28	38	55
NOV	45.2	34.6	39.9	55	23	34	44	3.12	42.9	34.3	38.6	55	21	30	44
DEC	38.8	32.3	35.6	46	23	30	43	2.81	37.5	31.0	34.2	47	22	29	42
YEAR	58.3	39.5	48.9	101	6	21	68	17.26	56.0	41.4	48.7	97	11	18	74

SOUTH FORK PALOUSE RIVER
 VALLEY FLAT
 (1 mile S. of Moscow)
 Elev. 2540 feet
 Lat. 46°43'N., Long. 117°1'W.

POTLATCH VALLEY FLAT, IDAHO
 (1 mile E. of Potlatch)
 Elev. 2510 feet
 Lat. 46°54'N., Long. 116°53'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	37.6	27.4	32.5	51	-4	23	39	38.0	26.2	32.1	55	-6	25	38	3.32
FEB	41.0	26.4	33.7	52	-6	30	38	41.4	27.1	34.2	55	-5	31	35	-
MAR	49.9	30.5	40.2	73	13	36	43	49.5	28.4	39.0	71	9	34	41	-
APR	57.9	31.4	44.6	72	10	45	46	56.7	30.5	43.6	72	12	44	45	0.47e
MAY	68.9	37.8	53.4	92	25	49	59	68.3	36.9	52.6	93	25	50	49	0.67
JUN	70.2	42.5	56.3	88	31	49	54	69.0	40.6	54.8	86	30	46	51	1.01
JUL	81.1	42.7	61.9	92	31	58	58	80.5	42.1	61.3	92	30	56	56	0.61
AUG	82.5	43.6	63.0	99	30	60	57	82.2	41.0	61.6	102	31	59	59	0.43
SEP	76.9	41.7	59.3	96	31	58	52	78.1	41.3	59.7	96	32	59	53	0.20e
OCT	56.6	30.7	43.6	76	13	40	45	58.9	33.9	46.4	78	19	40	51	1.32
NOV	44.3	29.3	36.8	56	14	28	42	47.0	32.0	39.5	62	21	34	48	2.87
DEC	39.8	31.8	35.8	49	16	31	44	40.0	32.1	36.0	49	22	30	44	-
YEAR	58.9	34.6	46.8	99	-6	23	59	59.1	34.3	46.7	102	-6	25	59	-

e = estimated

1966 CLIMATOLOGICAL DATA

HARVARD VALLEY FLAT, IDAHO
(1 1/4 miles NE of Harvard)
Elev. 2590 feet
Lat. 46°55'N., Long. 116°42'W.

EMIDA RIDGE, IDAHO
(11 miles NNE of Harvard)
(Near N-S Ski Bowl)
Elev. 3700 feet
Lat. 47°4'N., Long. 116°40'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month		Total
JAN	36.9	22.3	29.6	51	-7	24	35	5.67	31.6e	23.5e	27.6e	43	7	20	33	-		
FEB	40.3	19.3	29.8	56	-8	-	33	1.24	36.9	25.4	31.2	56	14	26	40	-		
MAR	49.6e	23.5e	36.6e	72	2	-	38	2.28e	45.0e	28.4e	36.7e	-	9	28	-	-		
APR	57.0	27.8e	42.4	73	12	44	46	0.61	52.3e	33.7e	43.0e	68	18	39	45	-		
MAY	68.0	34.2	51.1	91	22	48	48	0.79	65.1	42.5	53.8	91	28	42	59	1.31		
JUN	68.5	38.0	53.2	88	30	45e	48	1.65	63.7	44.2	54.0	84	32	39	55	1.85		
JUL	80.8	40.1	60.4	91	30	55	53	0.60	76.2e	50.4e	63.3e	88	39	52	65	1.35		
AUG	82.1	38.6	60.3	101	29	59	58	0.59	76.8	54.2	65.5	96	41	55	70	0.83		
SEP	77.8	38.3	58.0	95	30	60	47	0.49	72.8	50.6	61.7	92	42	53	63	0.52		
OCT	57.7	26.7	42.2	78	14	34	43	1.48	53.6	36.7	45.2	74	26	34	49	2.24		
NOV	45.8	26.0	35.9	60	12	31	45	3.62	40.1	29.4	34.8	58	17	26	40	4.92		
DEC	40.2	26.7	33.4	49	12	30e	38	4.22	32.6	25.6	29.1	42	16	21	36	5.65e		
YEAR	58.7	30.1	44.4	101	-8	24	58	23.24	53.9	37.0	45.4	96	7	20	70	-		

BALD MOUNTAIN, IDAHO
(11 miles NE of Harvard)
Elev. 5330 feet
Lat. 47°2'N., Long. 116°34'W.

2 1/2 MILES N. OF BOVILL, IDAHO
(at Purdue Creek)
Elev. 2880 feet
Lat. 46°3'N., Long. 116°23'W.

Month	Temperatures								Precip. Month Total	Temperatures								Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month		Total
JAN	-	-	-	-	-	-	-	-	34.6	17.9	26.2	44	-16	22	32	7.55		
FEB	-	-	-	-	-	-	-	-	38.9	15.6	27.2	54	-18	28	31	2.18		
MAR	-	-	-	-	-	-	-	-	46.1	18.0	32.0	67	-9	30	33	3.78		
APR	-	-	-	-	-	-	-	-	54.6	24.3	39.4	70	10	39	36	0.58		
MAY	-	-	-	-	-	-	-	-	68.2	31.7	50.0	92	20	48	45	1.07		
JUN	-	-	-	-	-	-	-	-	67.0	37.3	52.2	85	29	43	50	1.92		
JUL	-	-	-	81	-	-	62	0.65	80.4	38.3	59.4	91	28	53	48	0.16		
AUG	70.0	49.5	59.8	88	35	46	68	1.23	81.1	36.3	58.7	100	27	57	56	0.66		
SEP	65.6	47.0	56.3	85	35	47	64	0.53	76.8	36.4	56.6	94	23	57	50	0.48		
OCT	45.8	32.9	39.4	68	20	25	50	2.48	55.7	26.5	41.1	76	14	33	45	2.18		
NOV	-	-	-	55	14e	23	37	-	42.8	26.1	34.4	58	10	30	39	5.48		
DEC	-	-	-	38	12	-	-	-	34.9	25.5	30.2	43	6	27	35	4.98		
YEAR	-	-	-	88	-	-	68	-	56.8	27.8	42.3	100	-18	22	56	30.88		

PRECIPITATION ONLY

ONE MILE SOUTH OF GIANT WHITE PINES
(6 MILES NNE OF HARVARD, IDAHO)
Elev. 2880 feet
Lat. 46°59'N., Long. 116°40'W.

January	6.22	August	0.85
February	2.05	September	0.51
March	2.50	October	1.40
April	0.59e	November	4.58
May	1.05	December	4.98
June	1.82		

e = estimated

1966 CLIMATOLOGICAL SUMMARY

GENESEE FLAT, IDAHO
($\frac{1}{2}$ mile NE. of Genesee)

Elev. 2690 feet
Lat. $46^{\circ}32'N.$, Long. $116^{\circ}54'W.$

GENESEE HILL, IDAHO
(3 miles ENE. of Genesee)

Elev. 2900 feet
Lat. $46^{\circ}32'N.$, Long. $116^{\circ}52'W.$

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	56.5	31.5	44.0	71	13	42	46	56.8	37.2	47.0	72	21	42	49
MAY	67.7	37.4	52.6	91	23	47	58	-	-	-	-	-	-	-
JUN	68.2	42.4	55.3	84	31	46	55	67.6	47.0	57.3	84	34	45	56
JUL	80.6	43.5	62.0	92	31	58	61	79.3	53.4	66.4	91	42	54	61
AUG	81.7	43.9	62.8	102	30	55	59	80.5	54.6	67.6	99	42	55	67
SEP	76.9	42.2	59.6	93	32	59	57	74.7	51.6	63.2	91	43	57	64
OCT	57.4	33.0	45.2	77	18	37	51	55.0	38.2	46.6	74	50	38	50
NOV	45.6	31.9	38.8	58	22	34	44	44.2	33.3	38.8	56	24	33	42
DEC	38.9	30.2	34.6	46	17	29	41	37.1	29.8	33.4	44	19	27	39
YEAR	-	-	-	102	-	-	61	-	-	-	99	-	-	67

SUBALPINE FIR MEADOW, IDAHO
(Halfway between Troy and Deary)

Elev. 2635 feet
Lat. $46^{\circ}46'N.$, Long. $116^{\circ}40'W.$

HILLTOP NEAR SUBALPINE FIR MEADOW
(Halfway between Troy and Deary)

Elev. 2865 feet
Lat. $46^{\circ}46'N.$, Long. $116^{\circ}39'W.$

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	38.5	19.3	28.9	49	-10	24	34	37.6e	23.3e	30.4e	46	2	24e	32e
FEB	43.3	16.1	29.7	57	-5	35	32	38.2	25.0	31.6	52	8	28	33
MAR	49.8	22.2	36.0	72	1	35	38	45.9	28.2	37.0	70	13	31	42
APR	-	-	-	75	9	42	-	54.7	33.6	44.2	70	21	40	44
MAY	70.0	31.4	50.7	94	18	49	45	67.7	41.8	54.8	92	32	47	54
JUN	-	-	-	86	28	-	-	-	-	-	-	-	-	-
JUL	-	-	-	93	29	-	-	-	-	-	93	40	52	61
AUG	83.5	37.1	60.3	102	28	58	59	81.8	52.3	67.0	99	39	56	70
SEP	80.0	38.0	59.0	97	24	63	51	77.1	50.6	63.8	95	41	60	62
OCT	58.8	26.2	42.5	79	14	35	46	56.4	36.7	46.6	77	51	34	51
NOV	-	-	-	60	12	-	44	44.3	32.1	38.2	58	23	32	44
DEC	39.4	25.7	34.6	47	7	29	35e	37.7	29.6	33.6	46	18	28	40
YEAR	-	-	-	102	-10	24	59	-	-	-	99	2	24e	70

MOSCOW MOUNTAIN

Elev. 4700 feet
Lat. $46^{\circ}48'N.$, Long. $116^{\circ}51'W.$

PRECIPITATION ONLY

January	9.12e	August	0.81e
February	4.47e	September	0.16
March	5.00	October	2.61
April	1.14	November	5.75
May	1.39	December	7.32
June	2.15		
July	0.84	YEAR	40.71

e = estimated

Record provided by Alan Robertson, c/o Engineering Experiment Station, Univ. of Idaho

1966 CLIMATOLOGICAL SUMMARY

LEWISTON, IDAHO - AIRPORT
(U. S. Weather Bureau Office)
Elev. 1415 feet
Lat. 46°23'N., Long. 117°1'W.

LEWISTON, IDAHO - DOWNTOWN
(Lewiston Morning Tribune Office)
Elev. 760 feet
Lat. 46°26'N., Long. 117°1'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	42.2	30.1	36.2	52	16	28	41	1.43	44.5	30.9	37.7	55	17	30	42
FEB	45.6	30.3	38.0	57	18	34	40	0.71	48.9	31.3	40.1	61	23	36	44
MAR	54.5	33.5	44.0	73	19	43	48	0.97	57.3	34.5	45.9	77	20	43	48
APR	63.3	38.2	50.8	76	20	49	51	0.31	66.4	39.0	52.7	80	23	53	53
MAY	75.5	47.5	61.5	96	36	54	56	0.31	78.8	46.9	62.8	100	35	57	57
JUN	76.9	51.9	64.4	93	36	57	64	0.68	80.3	53.5	66.9	97	41	59	66
JUL	87.7	57.7	72.7	98	46	62	70	0.28	91.3	58.4	74.8	102	48	66e	71
AUG	80.3	57.9	73.1	106	45	64	68	0.48	91.5	57.7	74.6	109	48	68	69
SEP	82.6	55.3	69.0	99	44	71	66	0.22	86.1	55.5	70.8	104	43	71	66
OCT	63.5	42.3	52.9	80	30	48	55	0.97	65.8	41.7	53.8	83	32	48	53
NOV	50.2	36.5	43.4	62	27	37	44	1.76	53.1	36.2	44.6	65	24	42	45
DEC	45.5	34.8	40.2	52	26	36	44	1.70	47.4	35.9	41.6	55	28	40	45
YEAR	64.0	43.0	53.5	106	16	28	70	9.82	67.6	43.5	55.6	109	17	30	71

FREEZEOUT MOUNTAIN, IDAHO
Estimated elev. 5950'
Lat. 47°1'N., Long. 116°1'W.

Month	Temperatures							Precip. Month Total
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	-	-	-	-	-	-	-	-
MAY	-	-	-	-	-	-	-	-
JUN	-	-	-	-	-	-	-	-
JUL	-	-	-	78	-	-	59	-
AUG	-	-	-	86	34	-	-	1.80
SEP	62.9	46.1	54.5	78	36	44	61	0.60
OCT	-	-	-	60	18	22e	46	4.68e
NOV	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-
YEAR	-	-	-	86	-	-	-	-

e = estimated

1966 CLIMATOLOGICAL SUMMARY

6.

AVERAGE RELATIVE HUMIDITIES - PER CENT

	Ave. Daily	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Wawawai, Snake R. Canyon	Max.	83	90	90	86	87	80	74	71	81	85	93	94	84
	Min.	55	51	40	34	31	31	27	30	32	41	58	62	41
	Mean	69	70	65	60	59	56	50	50	56	63	76	78	62
Wawawai Canyon (3 mi. SE)	Max.	86	83	80	69e	-	-	53	-	-	-	90	86	-
	Min.	62	54	45	38e	-	-	28	-	-	-	65	65	-
	Mean	74	68	62	54e	-	-	40	-	-	-	78	76	-
Ridge above Wawawai (4 mi. SE)	Max.	95	91	85e	74	68	68	53e	51	62e	83e	92	91	76e
	Min.	73	63	46e	41	35	37	28e	30	33e	44e	68	71	47e
	Mean	84	77	66e	58	52	52	40e	40	48e	64e	80	81	62e
S. Palouse Flat (1 mi. S of Moscow)	Max.	96	95	96	94	95	97	97	88	91	92	97	94	94
	Min.	72	68	50	39	37	42	33	34	38	48	69	77	51
	Mean	84	82	73	66	66	70	65	61	64	70	83	86	72
Viola Hill	Max.	96	93	88e	80	70e	80	65	60	70	83	94	93	81
	Min.	76	68	53e	40	36e	42	32	31	34	46	68	77	50
	Mean	86	80	70e	60	53e	61	48	46	52	64	81	85	66
Harvard Valley Flat	Max.	99e	99e	99	98	97	99	99	98	99	99	99	99	99
	Min.	74e	62e	44	34	31	39	33	34	38	50	71	79	49
	Mean	86e	80e	72	66	64	69	66	66	68	74	85	89	74
Emida Ridge (N-S Ski Bowl)	Max.	98e	97	92	84	77	86	75	74	81	87	97	100	87
	Min.	85e	68	54	43	36	46	36	37	40	50	74	89	55
	Mean	92e	82	73	64	56	66	56	56	60	68	86	94	71
Bald Mtn. Lookout	Max.	-	-	-	-	-	-	-	70	77	89	-	-	-
	Min.	-	-	-	-	-	-	-	44	47	62	-	-	-
	Mean	-	-	-	-	-	-	-	57	62	76	-	-	-
Bovill (2½ mi. N)	Max.	98	98	99	99	99e	99	99	99	99	99	100	99	99
	Min.	72	64	52	39	36e	43	33	30	35	48	75	88	51
	Mean	85	81	76	69	62e	71	66	64	66	74	88	94	75
Subalpine Fir Meadow	Max.	98e	98	99	-	98	-	-	-	-	-	-	-	-
	Min.	72e	62	50	-	33	-	-	-	-	-	-	-	-
	Mean	85e	80	74	-	66	-	-	-	-	-	-	-	-
Hilltop near Subalpine Fir Meadow	Max.	-	-	-	86	79	-	-	71	84	-	97	97	-
	Min.	-	-	-	42	38	-	-	30	34	-	64	71	-
	Mean	-	-	-	64	58	-	-	50	59	-	80	84	-
Genesee Hill	Max.	-	-	-	81	-	86	71	66	-	87	95	95	-
	Min.	-	-	-	42	-	44	36	34	-	48	69	76	-
	Mean	-	-	-	62	-	65	54	50	-	68	82	86	-
Lewiston Airport (Weather Bureau)	Max.	89	80	88	76	67	72	61	58	71	86	94	88	78
	Min.	61	56	42	29	23	30	24	22	29	44	64	65	41
	Mean	75	68	65	52	45	51	42	40	50	65	69	76	60

GROWING SEASON - LENGTH OF PERIOD BETWEEN LAST AND FIRST FREEZING TEMPERATURES 7.

1966

<u>Station</u>	<u>Last 32°</u>	<u>First 32°</u>	<u>Growing Season</u>
Wawawai, Washington (Snake River Canyon)	Apr. 19	Nov. 8	210 days
Wawawai Canyon (3 mi. SE of Wawawai)	Apr. 19	Nov. 8	210
Wawawai Ridge	Apr. 23	Nov. 8 (33 Oct. 14)	206 (almost 184)
Union Creek Flat	June 1	Sept. 30	121
South Palouse Flat (1 mi. S. of Moscow)	June 30	July 21	20
Moscow, Univ. of Idaho	Apr. 26 (33 May 23)	Oct. 9 (34 Oct. 3 when actual frost)	166 (really 134)
Viola Hill	Apr. 27 (33 May 23)	Oct. 13	169 (really 142)
Potlatch Valley Flat	June 30	July 21	20
Harvard Valley Flat	June 30	July 2	20
Emida Ridge	June 4	Oct. 9	126
Bald Mountain Lookout	July 3 (e)	Oct. 2	91 (e)
Bovill (2½ mi. N.)	June 30	July 21	20
Subalpine Fir Meadow	June 30	July 21	20
Hilltop near Subalpine Fir Meadow	May 22 (33e June 1)	Oct. 3	133 (almost 123)
Genesee Flat	June 30	July 26 (33 July 21)	25 (almost 20)
Genesee Hill	Apr. 28 (34 Jun. 1)	Oct. 13 (33 Oct. 9)	168 (almost 130)
Lewiston Airport	April 19 (33 April 28)	Oct. 14 (34 Oct. 9)	178 (almost 164)
Lewiston Downtown	April 28	Oct. 14	169

(e) estimated

WAWAWAI, SNAKE RIVER CANYON, WASHINGTON
Elevation 675 feet
Lat. 46°38'N., Long. 117°23'W.

WAWAWAI CANYON, WASHINGTON
(3 miles SE of Wawawai)
Elev. 1500 feet
Lat. 46°37'N., Long. 117°20'W.

Month	Temperature								Precip. Month Total	Temperature							
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.	Ave. Max.	Ave. Min.		Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.				
JAN	47.5	36.6	42.0	65 28	34	47	3.51	44.0	35.6	39.8	62 27	32	45				
FEB	53.2e	37.2e	45.2e	64 29	45	48	0.72e	47.4	34.6	41.0	59 25	39	44				
MAR	52.7	36.6	44.6	65 29	47	42	2.14+	47.5	34.1	40.8	59 45	36	45				
APR	57.1	38.6	47.8	65 33	43	46e	2.13	52.8	37.4	45.1	63 31	38	44				
MAY	71.9	46.3	59.1	88 33	49	58	(1.95e*)	66.3	47.6	57.0	83 34	41	61				
JUN	84.9	55.8	70.4	99 45	66	69	(1.95e+)	78.3	57.2	67.8	93 48	61	68				
JUL	96.9	62.4	79.6	114 53	85	76	0.02	90.4	65.6	78.0	108 58	80	73				
AUG	101.6	61.9	81.8	111 51	87	71	Te	95.1	68.5	81.8	106 57	79	76				
SEP	89.8	57.5	73.6	103 44	63	69	0.14	-	-	-	-	-	-				
OCT	68.6	46.0	57.3	86 34	53	60	1.67	-	-	-	-	-	-				
NOV	50.2	35.3	42.8	61 19	38	47	(1.50e*)	-	-	-	-	-	-				
DEC	43.1	28.6	33.8	60 11	26	43	1.52	-	-	-	-	-	-				
YEAR	68.1	45.2	56.6	114 11	26	76	17.17e	-	-	-	108	-	76				

RIDGE ABOVE WAWAWAI, WASHINGTON
(4 miles SE of Wawawai)
Elev. 2500'
Lat. 46°36'N., Long. 117°19'W.

UNION CREEK FLAT, WASHINGTON
(6 miles SSW of Pullman)
Elev. 2436'
Lat. 46°41'N., Long. 117°15'W.

Month	Temperatures								Precip. Month Total	Temperatures							
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.	Ave. Max.	Ave. Min.		Mean Month	Extreme Mx. Mn.	Low Mx. Mn.	High Mx. Mn.				
JAN	39.6	32.4	36.0	55 23	27	42	3.72	39.8	31.1	35.4	56 16	30	42				
FEB	45.3	34.1	39.7	53 25	37	44	0.66	44.6	30.0	37.3	57 19	34	38				
MAR	44.6	32.5	38.6	56 22	34	42	(2.60e*)	-	-	-	57e 18e	34e	42e				
APR	49.4	35.1	42.2	60 28	34	42	1.90	51.1	32.1	41.6	61 25	38	42				
MAY	62.6	44.9	53.8	79 34e	40	58	(1.98e*)	63.0	39.5	51.2	78 25	40	50				
JUN	74.6	52.4	63.5	89 45	57	65	(2.05e*)	74.5	46.1	60.3	87 35	55	59				
JUL	86.2	62.9	74.6	107 50	75	71	T+	86.3	47.8	67.0	105 38	76	66				
AUG	91.5	64.3	77.9	102 52	75	72	Te	93.0	48.0	70.5	103 38	77	62				
SEP.	79.5	56.6	68.0	95 41	51	70	0.15	81.3	45.6	63.4	96 31	54	61				
OCT.	58.3	41.9	50.1	75 32	47	52	1.55	61.3	37.7	49.5	80 27	48	56				
NOV.	45.2	33.6	39.4	57 20	30	45	1.06e	47.2	29.9	38.6	62 12	32	45				
DEC.	34.5	26.4	30.4	50 8	16	43	2.47	35.5	23.9	29.7	50 5	19	45				
YEAR	59.3	43.1	51.2	107 8	16	72	18.14e	60.2	36.7	48.4	105 5	19	66				

e = estimated

* = estimate of low reliability; no records obtained because of malfunctioning rain gages during extended periods.

+ = slightly more than indicated amount of rain probably fell.

MOSCOW - UNIVERSITY OF IDAHO
 Elev. 2610 feet
 Lat. 46°44'N., Long. 117° 1'W.

VIOLA HILL, IDAHO
 (4 miles N. of Moscow)
 Elev. 3150 feet
 Lat. 46°47'N., Long. 117° 1'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	38.8	31.2	35.5	52	22	28	42	3.45	35.7	29.8	32.8	49	22	25	40
FEB	43.5	31.3	37.4	56	24	34	42	0.84	40.6	30.7	35.6	53	24	32	44
MAR	43.9	30.9	37.4	56	22	34	41	1.60+	41.6	30.2	35.9	54	18	30	40
APR	51.4	33.6	42.5	63	28	39	41	2.20	48.6	34.0	41.3	60	28	35	40
MAY	64.1	43.4	53.8	83	31	40	57	1.88	61.5	44.3	52.9	81	32	37	61
JUN	75.6	52.3	64.0	90	43	57	61	2.39	72.3	55.0	63.6	86	46	54	70
JUL	84.9	55.3	70.1	103	48	74	62	0.06	82.3	61.7	72.0	103	52	71	78
AUG	90.2	56.8	73.5	100	45	73	66	T	88.4	66.0	77.2	99	50	71	77
SEP	78.8	52.1	65.4	93	41	54	62	0.29	77.3	58.3	67.8	93	41	50	73
OCT	58.2	42.3	50.2	74	31	47	55	2.89	55.8	42.4	49.1	74	32	43	54
NOV	44.7	33.8	39.2	57	18	31	51	1.25	43.3	32.9	38.1	57	19	30	50
DEC	33.5	26.2	29.8	46	8	19	41	3.35	31.6	23.5	27.6	44	7	16	40
YEAR	59.0	40.8	49.9	103	8	19	66	20.20	56.6	42.4	49.5	103	7	16	78

SOUTH FORK PALOUSE RIVER
 VALLEY FLAT
 (1 mile S. of Moscow)
 Elev. 2540 feet
 Lat. 46°43'N., Long. 117°1'W.

POTLATCH VALLEY FLAT, IDAHO
 (1 mile E. of Potlatch)
 Elev. 2510 feet
 Lat. 46°54'N., Long. 116°53'W.

Month	Temperatures							Precip. Month Total	Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN.	-	-	-	-	-	-	-	39.5	30.4	35.4	55	19	30	41	-
FEB	45.3	30.9	38.1	59	23	35	45	44.9	29.8	37.4	59	19	34	41	-
MAR	45.0	30.6	37.8	58		35	42	44.6	28.5	36.6	57	6	33	42	-
APR	52.5	32.0	42.2	64	22	39	41	50.9	30.7	40.8	62	26	40	40	2.70
MAY	63.5	38.8	51.2	81	27	40	54	63.2	37.9	50.6	81	28	40	48	2.52
JUN	76.0	47.0	61.5	90	37	57	60	73.9	46.0	60.0	88	35	54	59	4.10+
JUL	85.6	44.0	64.8	105	33	74	60	84.1	43.6	63.8	102	35	73	60	0.04e
AUG	91.6	43.9	67.8	103	31	75	61	90.4	42.0	66.2	101	30	74	62	Te
SEP	80.8	41.3	61.0	94	25	51	59	79.8	40.2	60.0	95	25	55	60	-
OCT	59.3	35.8	47.6	78	25	48	50	58.5	35.1	46.8	78	24	47	49	-
NOV	45.2e	29.2e	37.2e	59	10	30	49	47.2	29.0	38.1	61	12	33	47	1.17
DEC	33.5	22.5	28.0	48	-3	18	41	34.0	24.1	29.0	46	2	18	39	-
YEAR	59.9	35.5	47.7	105	-3	18	61	59.2	34.8	47.0	102	2	18	62	-

e = estimated

+ = actual precipitation believed to be perhaps 0.25 inch greater at Moscow in February and at Potlatch in June than actually shown by gage measurement (problem of insufficient snow catch in first case, and evaporation in the second).

HARVARD VALLEY FLAT, IDAHO
(1½ miles NE of Harvard)
Elev. 2590 feet
Lat. 46°55'N., Long. 116°42'W.

EMIDA RIDGE, IDAHO
(11 miles NNE of Harvard
(Near N-S Ski Bowl)
Elev. 3700 feet
Lat. 47°4'N., Long. 116°40'W.

Month	Temperatures							Precip.	Temperatures							Precip.
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month Total	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month Total
JAN	39.5	27.1	33.3	53	10	30	35	4.14	31.1	24.1	27.6	42	14	20	33	7.70
FEB	44.1	25.0	34.6	60	12	34	37	1.20	36.7	24.8	30.8	56	17	26	37	2.43
MAR	44.5	24.5	34.5	57	4	34	40	2.97	37.3	23.9	30.6	49	12	25	34	4.46
APR	51.5	26.9	39.2	62	19	36	37	2.46	44.5	28.5	36.5	56	21	30	35	3.23
MAY	64.2	34.1	49.2	83	23	40	45	2.23	58.4	37.8	48.1	79	28	34	53	2.38
JUN	74.7	42.8	58.8	88	34	54	59	2.87	69.6	49.6	59.6	84	41	48	59	2.20
JUL	85.5	40.4	63.0	101	34	74	58	0.05	81.8	58.0	69.9	100	46	69	66	0.08
AUG	92.0	39.5	65.8	102	30	73	54	Te	87.8	61.7	74.8	100	47	71	70	Te
SEP	81.1	37.2	59.2	96	24	53	60	0.55	76.5	53.0	64.8	94	34	45	67	1.09
OCT	59.6	31.2	45.4	78	20	48	45	2.67	52.5	37.2	44.8	74	26	40	49	4.43
NOV	47.4	23.9	35.6	64	3	30	40	1.43	40.3	28.2	34.2	57	10	25	42	3.04
DEC.	35.5	21.3	28.4	47	-2	20	39	3.49+	28.0	20.3	24.2	40	2	13	35	4.55+
YEAR	60.0	31.2	45.6	102	-2	20	60	24.06	53.7	37.3	45.5	100	2	13	70	35.59

BALD MOUNTAIN, IDAHO
(11 miles NE of Harvard)
Elev. 5330 feet
Lat. 47°2'N., Long. 116°34'W.

2½ MILES N. OF BOVILL, IDAHO
(at Purdue Creek)
Elev. 2880 feet
Lat. 46°3'N., Long. 116°23'W.

Month	Temperatures							Precip.	Temperatures							Precip.
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month Total	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Extreme Mn.	Low Mx.	High Mn.	Month Total
JAN	-	-	-	36	12	-	-	5.31	36.5	22.7	29.6	47	-6	28	32	8.28
FEB	-	-	-	48	11e	-	-	3.10	40.3	20.6	30.4	54	-1	31	34	1.70+
MAR	-	-	-	42	4	-	-	4.80	43.1	21.6	32.4	54	1	33	37	3.73+
APR	-	-	-	46	19	-	-	3.01	50.0	26.1	38.0	60	18	35	33	3.04
MAY	-	-	-	-	-	-	-	-	62.3	32.4	47.4	82	24	41	43	2.21
JUN	-	-	-	78e	-	-	59	2.51	73.4	40.8	57.1	88	31	53	58	2.49
JUL	74.4	55.5	65.0	92	41	63	68	0.11	84.0	37.8	60.9	102	30	72	56	0.20
AUG	80.8e	61.9e	71.4e	91	43	64	74	T	88.9	36.3	62.6	99	27	72	50	T
SEP	70.3	52.1	61.2	84	33	41	67	1.02	79.0	34.9	57.0	94	24	49	54	0.82
OCT	46.4	33.8	40.1	65	22	31e	46	4.36	55.2	30.5	42.8	76	22	42	45	4.37
NOV	-	-	-	-	-	-	-	-	43.5	23.6	33.6	63	-2	28	37	1.95
DEC	-	-	-	-	-	-	-	-	30.9	18.3	24.6	44	-14	16	34	4.87
YEAR	-	-	-	92	-	-	74	-	57.3	28.8	43.0	102	-14	16	58	33.66

(35.16)

e = estimated

+ = precipitation catch believed too low in February and March at Bovill because it is suspected that there was a problem with the gage during a major snowstorm in each month. Total precip. for the two months may be about 1.50 inches higher than shown. Emida Ridge precipitation may be about 0.15 inch greater than shown here.

GENESEE FLAT, IDAHO
($\frac{1}{2}$ mile NE. of Genesee)

Elev. 2690 feet
Lat. $46^{\circ}32'N.$, Long. $116^{\circ}54'W.$

GENESEE HILL, IDAHO
(3 miles ENE of Genesee)

Elev. 2900 feet
Lat. $46^{\circ}32'N.$, Long. $116^{\circ}52'W.$

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	38.6	30.0	34.3	54	15	28	41	36.7	29.4	33.0	52	19	26	40
FEB	44.3	30.5	37.4	56	23	34	41	41.9	30.3	36.1	54	22	33	41
MAR	44.1	29.5	36.8	55	13	32	41	42.1	29.8	36.0	55	19	32	41
APR	50.3	30.4	40.4	61	23	38	38	48.7	32.8	40.8	60	27	36	38
MAY	62.5	38.4	50.4	80	26	40	49	61.4	42.4	51.9	81	30	42	55
JUN	73.3	45.8	59.6	88	34	61	59	72.8	51.6	62.2	88	43	60	61
JUL	84.4	43.9	64.2	102	34	74	63	84.4	57.6	71.0	104	49	73	64
AUG	91.9	45.6	68.8	102	34	77	66	89.6	60.7	75.2	99	69	75	69
SEP	80.2	43.3	61.8	95	27	54	60	-	-	-	-	-	-	-
OCT	57.8	36.5	47.2	74	27	46	50	-	-	-	-	-	-	-
NOV	45.8	29.7	37.8	60	7	30	47	-	-	-	-	-	-	-
DEC	34.3	22.6	28.4	48	-4	17	44	-	-	-	-	-	-	-
YEAR	59.0	35.5	47.2	102	-4	17	66	-	-	-	104	-	-	69

SUBALPINE FIR MEADOW, IDAHO
(Halfway between Troy and Deary)

Elev. 2635 feet
Lat. $46^{\circ}46'N.$, Long. $116^{\circ}40'W.$

HILLTOP NEAR SUBALPINE FIR MEADOW
(Halfway between Troy and Deary)

Elev. 2865 feet
Lat. $46^{\circ}46'N.$, Long. $116^{\circ}39'W.$

Month	Temperatures							Temperatures						
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.
JAN	38.7	24.8	31.8	51	5	31	34	37.3	28.9	33.1	50	17	28	39
FEB	44.2	23.6	33.9	58	9	34	37	41.8	29.0	35.4	55	18	30	38
MAR	44.7	24.2	34.4	58	2	33	36	43.2	29.2	36.2	52	17	31	41
APR	52.9	26.9	39.9	62	17	38	38	49.4e	32.4e	40.9e	59	25e	36	36
MAY	64.7	33.6	49.2	83	21	40	44	61.6	40.0	50.8	80	28	38	51
JUN	74.8	40.6	57.7	89	32	55	58	72.9	50.4	61.6	87	42	56	60
JUL	85.4	38.4	61.9	103	31	73	58	85.3	54.4	69.9	100	46	73	66
AUG	92.6	37.3	65.0	102	27	73	57	90.5	57.9	74.2	100	46	74	68
SEP	80.8	35.4	58.1	95	22	51	56	-	-	-	93	-	51	61
OCT	58.5	29.5	44.3	79	17	44	46	-	-	-	-	-	-	-
NOV	45.7	23.1	34.4	63	3	29	37	-	-	-	-	-	-	-
DEC	32.9	18.3	25.6	45	-5	16	37	-	-	-	-	1	-	-
YEAR	59.7	29.6	44.6	103	-5	16	58	-	-	-	100	1	-	-

ONE MILE SOUTH OF GIANT WHITE PINES = = = = = PRECIPITATION ONLY

(6 MILES NNE OF HARVARD, IDAHO)

Elev. 2880 feet
Lat. $46^{\circ}59'N.$, Long. $116^{\circ}40'W.$

January	7.15	May	2.13	September	0.70
February	1.90	June	1.98	October	4.02
March	3.40	July	0.07	November	2.20
April	2.19	August	Te	December	4.18+

+December precipitation may be about 0.15 inch greater than shown on this record (near Giant White Pines).

YEAR 29.92

LEWISTON, IDAHO - AIRPORT
(U. S. Weather Bureau Office)
Elev. 1415 feet
Lat. 46°23'N., Long. 117°01'W.

LEWISTON, IDAHO - DOWNTOWN
(Lewiston Morning Tribune Office)
Elev. 760 feet
Lat. 46°26'N., Long. 117°01'W.

Month	Temperatures								Precip. Month Total	Temperatures							
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		
JAN	45.5	34.3	39.9	58	23	32	44	1.28	47.1	35.6	41.4	58	24	35	45		
FEB	50.4	33.2	41.8	63	25	42	45	0.29	52.4	33.9	43.2	64	26	44	44		
MAR	51.4	33.5	42.4	64	22	41	46	1.15	54.5	35.8	45.2	69	25	44	47		
APR	56.9	36.8	46.8	68	29	45	44	1.66	60.5	38.5	49.4	70	31	48	46		
MAY	68.5	44.7	56.6	88	32	50	57	1.17	71.7	44.6	58.2	93	33	53	54		
JUN	81.3	55.3	68.3	95	46	67	65	1.93	85.0	54.1	69.6	100	45	70	64		
JUL	92.4	59.7	76.0	110	52	82	69	0.03	96.0	60.7	78.4	114	50	86	78		
AUG	96.3	62.1	79.7	106	50	82	72	T	98.2	60.0	79.1	108	50	84	70		
SEP	84.4	55.3	69.9	101	42	61	67	0.59	87.2	53.6	70.4	103	40	73	71		
OCT	64.2	43.8	54.0	77	33	52	54	1.67	66.5	44.2	55.4	81	35	56	51		
NOV	48.4	34.2	41.3	60	19	34	50	0.39	51.0	35.1	43.0	63	19	38	53		
DEC	40.7	27.6	34.2	52	6	24	43	1.46	41.4	29.0	35.2	54	9	27	41		
YEAR	65.0	43.4	54.2	110	6	24	72	11.62	67.6	43.7	55.6	114	9	27	78		

CRATER PEAK, IDAHO
Elev. 6400 feet
Lat. 47°3'N., Long. 115°59'W.

FREEZEOUT MOUNTAIN, IDAHO
Elev. 6000 feet
Lat. 47°01'N., Long. 116°01'W.

Month	Temperatures								Precip. Month Total	Temperatures							
	Ave. Max.	Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.	Ave. Max.		Ave. Min.	Mean Month	Extreme Mx.	Low Mn.	High Mx.	High Mn.		
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AUG	73.6	54.9	64.2	86	36	50	66	0.03	-	-	-	-	-	-	-		
SEP	63.1	46.3	54.7	81	30	35	63	1.36e	64.7e	48.7e	56.7e	-	30	36	-		
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NOV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
YEAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

e = estimated

Notes relating to relative humidity records on the following page (page 6):

*Instrument used at Bovill from August through December believed to register at least 5% too high at the time of the daily minimum. The same is true of several other instruments during the driest summer months of July, August, and September. South Palouse Flat instrument probably averaged more than 5% too high at daily minimum from August onward.

AVERAGE RELATIVE HUMIDITIES - PER CENT

	Ave. Daily	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Wawawai	Max.	93	88e	95	93	92	94	75	79	81	88e	90	94	88
Snake R.	Min.	59	48e	47	42	39	34	25	24	29	41e	60	65	43
Canyon	Mean	76	68e	71	68	66	64	50	52	55	64e	75	80	66
Wawawai	Max.	89	82	85	86	78	80	57	47	-	-	-	-	-
Canyon	Min.	60	53	51	49	44	36	25	20	-	-	-	-	-
(3 mi. SE)	Mean	74	68	68	68	61	58	41	34	-	-	-	-	-
Ridge above	Max.	93	88	88	92	86	84	55	41	61	81	92	94	80
Wawawai	Min.	70	59	54	54	49	40	27	23	28	43	62	73	48
(4 mi. SE)	Mean	82	74	71	73	68	62	41	32	45	62	77	84	64
S. Palouse	Max.	-	-	95	98	96	97	97	88	-	-	96e	96	-
Flat (1 mi.	Min.	-	-	57	49	46	44	31	30	-	-	62e	80	-
S. of Moscow)	Mean	-	-	76	74	71	70	64	59	-	-	79e	88	-
Viola	Max.	95	86	91	90	78	82	58	39	58	84	89	95	79
Hill	Min.	75	61	58	50	46	44	30	22	31	49	62	80	51
	Mean	85	74	74	70	62	63	44	30	44	67	76	88	65
Harvard	Max.	99	99	98	99	99	99	99	98	98	99	99	98	99
Valley	Min.	72	60	56	49	46	48	31	25	31	48	57	71	50
Flat	Mean	86	79	77	74	72	74	65	62	65	74	78	84	74
Emida Ridge	Max.	99	93	96	95	94	89	68	58	72	93	95	97	87
(N-S Ski	Min.	83	64	60	50	51	44	33	29	33	54	65	78	54
Bowl)	Mean	91	78	78	72	72	66	50	44	52	74	80	88	70
Bald Mtn.	Max.	-	-	-	-	-	-	-	48e	68	94	-	-	-
Lookout	Min.	-	-	-	-	-	-	-	27e	38	66	-	-	-
	Mean	-	-	-	-	-	-	-	38e	53	80	-	-	-
Bovill	Max.	95	99	97	99	99	100	99	99	100	100	100	100	99
(2½ mi. N.)	Min.	77	62	57	48	41	42	29	28*	37*	60*	75*	88*	54*
	Mean	86	80	77	74	65	71	64	64	68	80	88	94	76
Subalpine	Max.	99	99	99	100	99	99	100	99	98	99	99	97	99
Fir Meadow	Min.	72	56	53	43	39	42	29	23	29	47	62	76	48
	Mean	86	78	76	72	69	70	64	61	64	73	80	86	74
Hilltop near	Max.	97	93	95	92e	91	93	76	60	-	-	-	-	-
Subalpine	Min.	74	62	55	44e	43	45	32	26	-	-	-	-	-
Fir Meadow	Mean	86	78	75	68e	67	69	54	43	-	-	-	-	-
Genesee	Max.	96	93	-	91	-	-	71	48	-	-	-	-	-
Hill	Min.	74	62	-	51	-	-	33	26	-	-	-	-	-
	Mean	85	78	-	71	-	-	52	37	-	-	-	-	-
Lewiston	Max.	89	86	88	90	80	81	54	46	68	83	93	90	79
Airport	Min.	63	50	46	45	34	32	16	12	24	41	62	68	41
(Wea. Bur.)	Mean	76	68	67	68	57	56	35	29	46	62	78	79	60
Crater	Max.	-	-	-	-	-	-	-	52	74	-	-	-	-
Peak	Min.	-	-	-	-	-	-	-	36	44	-	-	-	-
	Mean	-	-	-	-	-	-	-	44	59	-	-	-	-

*See note at bottom of preceding page (page 5)

GROWING SEASON - LENGTH OF PERIOD BETWEEN LAST AND FIRST FREEZING TEMPERATURES 7.

1967

<u>Station</u>	<u>Last 32°</u>	<u>First 32°</u>	<u>Growing Season</u>
Wawawai, Washington (Snake River Canyon)	March 14 (33 May 1)	Nov. 2	231 (almost 183)
Wawawai Canyon (3 mi. SE of Wawawai)	April 28	Nov. 2 (e)	187 (e)
Wawawai Ridge	May 1	Oct. 26 (33 Oct. 24)	178 (almost 176)
Union Creek Flat	May 31	Sept. 13	104
South Palouse Flat (1 mi. S. of Moscow)	May 26	Aug. 25 (33 July 22)	90 (almost 56)
Moscow, Univ. of Idaho	May 1	Oct. 26 (33 Oct. 19)	178 (almost 171)
Viola Hill	May 12	Oct. 26	165
Potlatch Valley Flat	May 31	Aug. 25	85
Harvard Valley Flat	May 31	Aug. 25 (34 July 10)	85 (almost 39)
Emida Ridge	May 25	Oct. 15 (34 Sept. 12)	141 (almost 103)
Bald Mountain Lookout	May 31 (e)	Oct. 14 (33 Sept. 12)	135 (almost 103e)
Bovill (2½ mi. N.)	June 14	July 7	21
Subalpine Fir Meadow	June 3 (33 several times in June)	July 1	26 (almost 15)
Hilltop near above	May 25	-	-
Genesee Flat	May 26	Sept. 13 (34 July 15 & Aug. 25)	92 (almost 48)
Genesee Hill	May 12	-	-
Lewiston Airport	May 1	Nov. 2	192
Lewiston Downtown	April 22	Nov. 2	192
Crater Mountain	May 31 (e)	Sept. 11	102 (e)