

Bulletin No. 35.

January, 1903

UNIVERSITY OF IDAHO

## Agricultural Experiment Station

Department of Meteorology.

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### METEOROLOGICAL RECORDS, Soil Temperatures.

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By J. E. BONEBRIGHT.

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MIRROR,  
MOSCOW, IDAHO.  
1903.

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### BULLETINS.

The regular Bulletins of the Station are sent free to all citizens of Idaho who request them.  
Late Bulletins are:

30. The Service of Soils.
31. Some Spraying Experiments for 1901.
32. Feeding Steers and Lambs and Analysis of Stock Foods.
33. Some Grasses and Clovers and how to grow them in Idaho.
34. Tomato Culture.

## METEOROLOGICAL RECORDS.

### EXPLANATION OF TABLES.

In this bulletin will be found the daily records and the monthly and yearly summaries of the more important meteorological records, and the weekly summaries of soil temperatures taken by the Experiment Station of the University of Idaho, at Moscow, for the year 1901.

The daily readings were taken at 7 a. m. and 7 p. m. All temperatures are given in Fahrenheit degrees. The snow-fall in inches can be determined by multiplying the record of melted snow by ten. The barometric pressure is given in inches and the daily barometric readings were reduced to 32° F.

The latest killing frost in the spring occurred the night of the 19th of May and the earliest killing frost in the autumn occurred the night of the 16th of September.

In order to give an idea of the weather for a period of years a five years summary is given. In this summary the maximum temperature is the highest temperature recorded during the five years and the minimum temperature is the lowest temperature taken for the five years.

Five year averages have been made of the mean temperatures, rainfall, melted snow, total precipitation, barometric pressure and range. The first mean temperatures are computed from the maximum and minimum temperatures and second mean temperatures are taken from the daily readings of the dry bulb.

With this summary are given the latest killing spring frosts and the earliest killing fall frosts during the period of five years. the time between killing frosts being considerably greater in any one year.

MOSCOW, IDAHO, 1901  
JANUARY

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	14	20	22	7		.15	27.03	27.40	cloudy
2	27	28	28	12		.15	.09	.24	cloudy
3	29	32	32	25		.23	.09	26.94	cloudy
4	29	25	32	24			26.85	27.15	fair
5	25	32	32	21			27.15	.05	fair
6	30	31	30	21			27.36	27.57	fair
7	22	30	31	10			26.71	27.33	cloudy
8	25	21	32	17		.24	26.93	26.97	cloudy
9	16	19	26	14			27.23	27.36	cloudy
10	19	25	25	9		.05	.23	.15	cloudy
11	23	25	31	17		.23	.22	.13	cloudy
12	37	40	46	29	.03		.06	.00	cloudy
13	42	32	45	30	.34		.15	26.94	cloudy
14	27	24	40	21	.87		26.76	27.02	cloudy
15	32	34	43	21	.40		27.40	.34	cloudy
16	32	35	36	26	Trace		.71	.59	clear
17	33	32	40	26			.63	.54	clear
18	32	38	39	26			.43	.10	clear
19	33	35	39	23			.23	.22	clear
20	32	35	40	23			.36	.31	clear
21	39	33	41	27			.30	.29	fair
22	35	34	35	24		.15	.21	.21	cloudy
23	31	34	37	29			.45	.37	cloudy
24	25	33	35	24			.27	.26	cloudy
25	39	32	39	26			.24	.24	cloudy
26	31	33	34	27			.42	.37	cloudy
27	32	38	38	28			.46	.40	clear
28	34	39	43	29			.42	.37	clear
29	36	35	43	22			.36	.33	cloudy
30	22	26	28	22			.46	.40	fair
31	22	27	32	17			.36	.32	clear
Summary	905	957	1094	683	1.64	1.20	844.57	845.21	
Mean	29.16	30.87	35.29	22.03			27.24	27.26	



MOSCOW, IDAHO, 1901.  
FEBRUARY.

Date	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a m	7 p m	max	min	Rain	Melted Snow	7 a m	7 p m	
1	22	26	38	18		.01	27.31	27.58	cloudy
2	24	25	38	20		.02	26.82	26.82	cloudy
3	27	25	34	22			27.05	27.08	cloudy
4	20	27	32	16			.32	.24	clear
5	22	25	32	13			.23	.14	clear
6	19	24	36	11			.13	.03	clear
7	19	23	29	15			.03	.17	clear
8	21	24	36	16			.16	.13	clear
9	18	23	36	11			.11	.02	clear
10	25	30	30	16			.17	.37	clear
11	26	25	35	22			.42	.11	clear
12	32	39	41	25			.45	.43	clear
13	34	39	44	30			.36	.39	clear
14	35	34	43	31			.35	.43	cloudy
15	36	41	41	34	.39		.17	.02	cloudy
16	36	39	45	34	1.13		26.92	.17	cloudy
17	31	28	44	29			27.18	.09	cloudy
18	27	31	34	24			.22	.29	fair
19	29	32	34	23			.16	.04	clear
20	31	33	35	26		.01	.16	.25	cloudy
21	36	34	36	22			.35	.34	fair
22	26	33	38	22			.36	.39	fair
23	31	24	39	25	.39		.34	.38	fair
24	36	29	37	29	.21		.35	.27	cloudy
25	36	38	43	32	.12		.35	.29	cloudy
26	39	40	41	34	.40		.34	.51	cloudy
27	44	46	48	37	.25		.42	.53	cloudy
28	44	50	50	41	.90		.58	.58	cloudy
Summary	826	887	1069	678	3.79	.04	762.81	763.09	
Mean	29.5	31.6	38.1	21.2			27.24	27.32	

MOSCOW, IDAHO, 1901  
MARCH

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min	Rain	Melted Snow	7 a. m.	7 p. m.	
1	48	49	52	42			27.44	27.32	cloudy
2	37	38	56	35	.18		.41	.42	fair
3	36	39	40	32			.31	.24	cloudy
4	31	34	40	30			.54	.70	fair
5	32	34	39	27			.69	.59	fair
6	38	40	51	30			.41	.24	cloudy
7	37	37	51	32	.30		.04	26.97	cloudy
8	31	31	40	30	.20		.06	27.22	cloudy
9	31	32	39	26			.19	26.94	cloudy
10	33	38	47	31	.26		26.92	.75	cloudy
11	38	39	40	38	.03		.81	27.00	cloudy
12	37	38	32	29	.31		27.16	.30	cloudy
13	39	39	43	30	.06		.62	.61	fair
14	36	40	44	32			.60	.44	clear
15	46	54	54	34			.44	.30	clear
16	37	57	60	37			.24	.14	clear
17	41	37	61	34	.01		.29	.34	fair
18	37	42	56	29			.34	.51	clear
19	35	46	47	30			.54	.41	clear
20	37	54	54	33			.35	.22	clear
21	45	48	58	37			.13	.12	fair
22	33	35	54	33	.20		26.93	.01	cloudy
23	32	37	47	30			27.15	.22	fair
24	34	41	43	27			.33	.16	fair
25	32	43	46	32	.13		.05	26.98	cloudy
26	34	37	47	32			.06	27.13	cloudy
27	37	40	45	31			.24	.23	clear
28	33	31	45	32			.26	.23	cloudy
29	32	36	40	27	.35		.26	.18	cloudy
30	34	37	47	26			.24	.25	cloudy
31	47	42	47	30	.25		.15	.14	fair
Summary	1180	1248	1465	977	2.28	0.00	845.20	844.31	
Mean	36.45	40.25	47.25	31.83			27.26	27.23	

MOSCOW, IDAHO, 1901.  
APRIL.

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	43	40	46	35	.40		27.04	26.84	cloudy
2	41	36	41	30	.20		26.87	.84	fair
3	30	33	40	26	.10		.96	27.03	fair
4	34	34	39	27	.17		27.14	.02	cloudy
5	37	35	42	32	.08		.11	26.82	cloudy
6	32	36	42	29	.05		26.98	27.05	cloudy
7	33	34	38	29	.02		27.21	.34	fair
8	35	38	43	27			.45	.43	clear
9	36	44	47	34			.45	.45	clear
10	43	47	54	43			.49	.42	clear
11	43	59	60	47			.37	.32	clear
12	42	50	61	40			.40	.37	clear
13	42	51	54	31			.43	.42	clear
14	44	41	55	32			.32	.31	clear
15	40	50	50	28			.44	.42	clear
16	40	54	55	30			.44	.31	clear
17	44	53	55	34			.22	.29	clear
18	47	46	60	38			.20	.22	clear
19	45	54	56	35			.24	.22	cloudy
20	46	42	62	35	.40		.12	.07	cloudy
21	42	50	50	37	.15		.32	.30	fair
22	45	54	57	38			.23	.24	clear
23	43	44	65	39			.30	.35	clear
24	40	52	62	30			.42	.27	clear
25	44	45	54	30			.16	.12	clear
26	39	51	54	31			.22	.26	clear
27	40	54	51	31			.15	.02	clear
28	52	53	57	39			26.93	.03	cloudy
29	54	58	70	40			27.03	.06	cloudy
30	49	62	62	45			.11	.08	fair
Summary	1245	1400	1582	1022	1.57	0.00	816.75	815.92	
Mean	41.50	46.66	52.73	34.00			27.22	27.19	

MOSCOW, IDAHO, 1901.  
MAY.

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	52	60	65	47	.24		27.24	27.23	cloudy
2	51	59	64	43			.26	.25	cloudy
3	53	60	65	45			.27	.25	clear
4	52	58	64	49			.33	.43	clear
5	51	55	65	50			.50	.36	clear
6	53	54	61	54			.31	.24	clear
7	53	45	72	43			.21	.11	clear
8	50	47	64	39			.62	.24	cloudy
9	45	50	54	40	.74		.24	.32	cloudy
10	47	60	49	37			.36	.21	clear
11	60	73	75	44			.24	.13	clear
12	72	62	78	56			.29	.14	clear
13	60	65	72	53			.13	.10	clear
14	54	70	77	50			.15	.11	clear
15	63	74	75	51			.20	.21	clear
16	61	53	78	53	.55		.18	.11	cloudy
17	46	50	66	45			.21	.15	cloudy
18	46	52	55	40	.12		.20	.11	fair
19	48	46	50	32	.50		.11	.32	cloudy
20	46	59	59	34			.25	26.97	fair
21	43	45	63	41			26.73	27.03	cloudy
22	46	60	60	37			27.14	.10	clear
23	60	60	66	42			.28	.20	clear
24	48	72	72	42			.25	.28	clear
25	64	73	73	46			.24	.25	clear
26	68	75	84	56			.23	.26	cloudy
27	68	70	77	57			.09	.09	clear
28	57	68	83	51	.15		.13	.00	cloudy
29	56	64	64	48			.15	.17	clear
30	46	58	63	37			.38	.41	clear
31	52	64	64	46			.43	.38	clear
Summary	1671	1861	2077	1408	2.30	0.00	844.35	843.19	
Mean	53.77	60.03	70.22	45.42			27.23	27.19	



MOSCOW, IDAHO, 1901  
JUNE

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a. m.	7 p. m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	53	58	70	52	.35		27.25	27.11	fair
2	51	64	66	45	.30		.26	.17	fair
3	55	55	64	44	.12		.07	26.04	fair
4	41	48	55	34	.03		.12	27.12	fair
5	48	53	61	32			.25	.22	fair
6	48	56	60	34			.25	.26	cloudy
7	45	55	60	38			.11	.32	clear
8	44	49	59	34			.22	.23	fair
9	40	50	57	35	.03		.26	.26	fair
10	47	56	67	40			.30	.26	fair
11	45	52	60	34	.21		.23	.13	fair
12	42	46	55	40	.38		.13	.23	cloudy
13	42	49	56	39	.12		.28	.32	cloudy
14	49	60	64	38			.32	.24	fair
15	53	44	66	46			.27	.29	fair
16	67	70	74	40			.34	.26	fair
17	59	78	78	44			.28	.18	fair
18	65	76	81	46			.15	.09	fair
19	65	74	83	53	.24		.09	.05	fair
20	60	72	73	52			.16	.19	fair
21	60	69	72	53			.29	.27	fair
22	53	60	68	51			.24	.10	fair
23	45	52	60	41			.05	.07	fair
24	48	60	62	33			.11	.08	fair
25	50	52	62	40	.24		.11	.16	fair
26	48	65	65	43			.33	.33	fair
27	53	65	68	48	.03		.32	.26	fair
28	57	65	68	42			.38	.18	fair
29	57	55	65	46	.02		.16	.12	fair
30	51	57	66	34			.24	.21	fair
Summary	1541	1765	1965	1250	2.07	0.00	816.60	814.75	
Mean	51.33	58.8	65.5	41.66			27.22	27.16	

MOSCOW, IDAHO, 1901.  
JULY.

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	57	71	76	41			27.11	27.01	clear
2	55	64	71	43	.59		.06	.05	cloudy
3	50	53	64	42			.21	.26	fair
4	55	69	70	40			.30	.31	clear
5	60	70	82	40			.28	.23	clear
6	68	81	83	53			.26	.19	clear
7	67	69	80	54			.18	.15	fair
8	59	68	74	48			.11	.17	clear
9	55	66	74	44			.20	.20	clear
10	59	69	76	45			.24	.12	clear
11	60	63	70	60			.21	.18	fair
12	55	59	68	51			.15	.18	cloudy
13	55	59	70	49			.13	.21	cloudy
14	55	68	73	39			.28	.20	clear
15	61	70	81	46			.10	.09	clear
16	61	68	7	61			.21	.21	clear
17	64	72	83	47			.23	.16	clear
18	62	70	80	50			.23	.23	clear
19	59	65	73	50			.30	.25	clear
20	63	82	82	61			.25	.05	clear
21	70	81	88	50			.10	.11	clear
22	66	74	80	50			.20	.18	clear
23	67	87	87	55			.22	.15	clear
24	65	74	83	52			.22	.15	clear
25	63	69	81	50			.17	.11	clear
26	59	67	75	49			.15	.14	clear
27	57	63	75	45			.18	.13	clear
28	63	70	80	43			.22	.15	clear
29	65	78	82	47			.16	.14	clear
30	70	80	94	55			.20	.18	clear
31	68	72	81	60			.29	.30	cloudy
Summary	1893	2171	2413	1520	.59	0.00	843.15	842.19	
Mean	61.06	70.03	77.84	49.03			27.20	27.17	

MOSCOW, IDAHO, 1901  
AUGUST

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min	Rain	Melted Snow	7 a. m.	7 p. m.	
1	64	71	82	59			27.36	27.29	fair
2	70	75	80	53			.29	.28	clear
3	65	75	86	51			.34	.30	clear
4	72	83	92	55			.27	.17	clear
5	72	82	93	56			.17	.12	clear
6	70	81	89	58			.22	.20	clear
7	70	60	72	54	.08		.22	.24	fair
8	60	70	78	53	.09		.26	.22	clear
9	61	70	80	49			.29	.27	clear
10	60	70	79	49			.34	.33	clear
11	62	75	82	49			.34	.29	clear
12	62	75	85	54			.31	.26	clear
13	69	77	90	55			.28	.23	clear
14	70	80	95	57			.25	.16	clear
15	72	85	99	59			.16	.10	fair
16	73	83	93	68			.14	.08	fair
17	68	75	88	59			.19	.18	fair
18	68	66	80	59			.17	.16	cloudy
19	61	70	80	62			.16	.15	fair
20	58	70	80	53			.19	.17	fair
21	65	72	85	54			.24	.23	fair
22	66	80	90	55			.23	.16	clear
23	73	83	97	57			.16	.14	clear
24	68	74	86	59			.17	.21	clear
25	63	76	88	58			.27	.15	clear
26	62	62	73	57			.23	.23	fair
27	51	64	73	43			.30	.27	clear
28	58	71	83	50			.27	.25	clear
29	64	76	83	52			.29	.23	clear
30	63	67	87	49			.16	.14	fair
31	65	73	82	49			.16	.09	fair
Summary	2024	2291	2630	1695	.17	0.00	844.42	843.30	
Mean	65.29	73.9	84.84	54.68			27.24	27.20	

Moscow, IDAHO, 1901.  
SEPTEMBER.

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p.m.	
1	61	56	75	55			27.10	27.24	cloudy
2	50	53	56	49			.34	.38	cloudy
3	44	56	66	38			.31	.25	fair
4	53	60	68	48			.20	.21	cloudy
5	49	53	64	45			.19	.19	cloudy
6	47	43	54	42			.10	.18	cloudy
7	44	51	57	40			.24	.21	cloudy
8	46	48	55	43			.24	.31	fair
9	44	55	63	37			.27	.18	fair
10	50	54	63	42			.17	.20	clear
11	46	57	68	41			.16	.11	fair
12	53	54	59	52	.10		.12	.15	cloudy
13	50	57	63	49	.06		.21	.28	clear
14	46	54	63	37			.24	.25	clear
15	41	54	63	36			.37	.39	clear
16	44	55	67	35			.49	.44	clear
17	47	58	71	35			.39	.29	clear
18	51	62	75	40			.30	.29	clear
19	55	71	79	43			.24	.14	clear
20	55	65	75	41			.06	26.91	cloudy
21	50	51	67	50	.32		26.78	.75	cloudy
22	45	45	57	42	.27		.86	.92	fair
23	39	51	64	36			.91	.89	clear
24	41	48	59	38			27.05	27.14	fair
25	47	48	59	45	.42		.08	.06	cloudy
26	44	48	59	42	.19		.08	.22	cloudy
27	45	47	59	42			.29	.31	cloudy
28	41	47	59	36			.28	.17	fair
29	44	51	62	41			.09	.10	fair
30	42	54	65	38			.17	.26	clear
Summary	1414	1606	1914	120%	1.36	0.00	815.35	818.42	
Mean	47.13	53.53	63.80	40.26			27.18	27.28	



MOSCOW, IDAHO, 1901  
OCTOBER

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	46	59	73	41			27.34	27.34	clear
2	53	64	79	42			.31	.19	clear
3	51	59	69	45			.15	.13	clear
4	47	54	64	44			.17	.19	clear
5	47	58	63	41			.24	.25	fair
6	51	55	62	42			.34	.35	clear
7	47	53	64	43			.36	.37	cloudy
8	45	45	57	44			.41	.41	fair
9	42	50	58	35			.35	.29	fair
10	41	54	60	38			.36	.36	clear
11	45	52	64	43			.46	.55	clear
12	41	53	67	35			.63	.56	clear
13	50	53	72	43			.41	.24	clear
14	46	56	65	43			.21	.20	fair
15	45	54	72	41			.31	.38	clear
16	51	55	72	45			.37	.32	clear
17	50	55	75	47			.39	.19	clear
18	49	54	70	44			.25	.29	clear
19	46	52	68	43			.36	.39	clear
20	53	56	65	46			.45	.54	cloudy
21	50	54	74	47			.54	.45	clear
22	53	59	74	48			.39	.24	clear
23	54	55	74	51			.21	.10	clear
24	52	58	73	48			.27	.31	clear
25	53	55	72	50			.34	.25	clear
26	53	57	70	50			.16	26.98	fair
27	53	46	59	45	.21		26.91	.93	cloudy
28	42	44	53	39			.97	27.07	cloudy
29	43	41	49	40			.97	.05	fair
30	39	43	43	37	.50		27.25	.25	cloudy
31	43	48	55	41			.32	.12	fair
Summary	1481	1651	2035	1341	.71	0.00	848.20	846.34	
Mean	47.77	53.25	65.64	43.26			27.32	27.30	

Moscow, IDAHO, 1901.  
NOVEMBER.

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	42	37	48	33	.05		27.10	27.23	fair
2	28	37	45	26			.50	.56	fair
3	33	36	39	32	.08		.52	.44	cloudy
4	40	47	51	35			.43	.26	fair
5	48	40	51	37	.18		26.95	.21	fair
6	32	41	45	30			.36	.23	fair
7	40	41	45	39			27.10	.32	cloudy
8	30	39	45	27			.40	.42	fair
9	39	34	43	32			.12	.03	cloudy
10	31	32	40	28			.09	.19	clear
11	28	41	41	27			.35	.32	fair
12	42	44	55	39			.36	.31	fair
13	39	41	51	37			.31	.34	clear
14	40	50	54	37			.37	.31	clear
15	44	53	56	42			.13	.08	cloudy
16	40	40	55	36	.40		.11	.29	fair
17	36	35	44	33			.37	.42	cloudy
18	35	41	45	33			.44	.35	fair
19	38	41	47	36			.22	.16	cloudy
20	40	39	48	38	.07		.15	.19	cloudy
21	38	39	44	31			.30	.26	fair
22	44	44	50	36	1.25		.06	.12	cloudy
23	40	38	46	36	.25		.06	.19	cloudy
24	32	38	45	32			.29	.32	fair
25	33	40	41	32			.28	.19	cloudy
26	36	45	46	34	trace		.24	.28	cloudy
27	42	49	52	41			.29	.29	fair
28	45	52	55	41			.25	.16	cloudy
29	47	44	53	42	.23		.14	.28	cloudy
30	39	42	47	35			.45	.32	fair
Summary	1136	1240	1427	1037	2.51	0.00	816.74	818.06	
Mean	37.87	41.33	47.56	34.56			27.22	27.26	

MOSCOW, IDAHO, 1901  
DECEMBER

DATE	TEMPERATURE				PRECIPITATION		BAROMETER		WEATHER
	7 a.m.	7 p.m.	max.	min.	Rain	Melted Snow	7 a. m.	7 p. m.	
1	44	41	45	39	.50		27.28	27.18	cloudy
2	41	42	45	39			.17	.18	cloudy
3	39	45	45	38	.05		.17	.80	cloudy
4	37	34	46	39	.10		.12	.30	fair
5	33	33	37	31			.13	.77	cloudy
6	31	33	34	30			.13	.30	cloudy
7	27	33	34	25	.33		.53	.46	cloudy
8	36	37	38	32	.33		.42	.26	cloudy
9	32	49	49	29			.09	.15	cloudy
10	26	28	31	25			.20	.24	foggy
11	21	9	29	9			.36	.44	foggy
12	23	23	23	8			.40	.38	cloudy
13	11	46	46	10			.30	.23	fair
14	43	45	45	20			.31	.45	cloudy
15	40	41	41	23			.43	.45	fair
16	38	51	51	18			.52	.56	fair
17	47	62	62	17			.48	.38	cloudy
18	45	58	58	24			.47	.61	fair
19	49	56	56	20			.59	.60	clear
20	50	57	57	22	.55		.46	.37	fog
21	31	34	34	23	.45		.38	.29	cloudy
22	38	37	38	26	.09		.22	.09	cloudy
23	45	35	45	21	.07		26.93	.23	fair
24	48	50	48	28	.06		.32	.12	fair
25	45	38	45	30			.38	.28	cloudy
26	34	49	49	24			.99	.29	cloudy
27	44	51	51	24			.64	.59	fair
28	40	35	40	30			.68	.73	clear
29	40	40	40	30			.66	.54	clear
30	37	44	44	30			.36	.30	fair
31	33	35	35	30			.33	.36	fair
Summary	1148	1271	1341	787	2.53	0.00	349.45	348.98	
Mean	37.03	41.00	43.26	25.39			27.4	27.38	

## A FIVE YEAR SUMMARY.

Moscow, Idaho.

Yrs.	Temperature				Precipitation in inches			Barometer		Condition of weather		
	Max.	Min.	First Mean	Second Mean	Rainfall	Melted Snow	Total	Mean inches	Range Inches	Days clear	Days fair	Days cloudy
1895 to 1900												
Jan.	50	-16	17.0	28.0	.61	.94	1.55	27.383	.814	27	13	115
Feb.	62	-17	22.0	32.2	.98	1.13	2.16	27.319	.811	42	17	81
Mar	68	0	34.0	34.9	.88	.71	1.59	37.364	.662	59	15	81
April	78	26	52.0	45.6	1.21	.03	1.25	27.376	.707	67	31	52
May	92	28	60.0	39.6	2.12	.12	2.24	27.335	.622	85	17	53
June	96	32	64.0	58.2	1.58		1.58	27.328	.621	104	16	30
July	97	34	64.4	66.9	.60		.63	27.290	.408	140	1	14
Aug.	100	33	64.4	68.1	1.13		1.13	27.262	.436	122	20	13
Sept.	94	30	54.4	56.5	1.69		1.63	27.298	.582	106	8	36
Oct.	80	11	46.4	45.0	2.12		1.05	27.337	.762	91	18	46
Nov.	67	-14	35.6	35.4	5.00	.80	3.40	27.291	.807	22	20	108
Dec.	56	-1	31.3	31.0	1.10	.59	1.45	27.380	.856	36	20	99
Sum	940	146	545.5	541.4	19.02	4.87	19.66	327.963	8.088	901		728
Mean	78.3	12.1	45.4	45.1	1.58	3.64	1.63	27.330	.674	75	16	60

Latest killing frost in spring during five years occurred May 30th, 1898

Earliest killing frost in fall during five years occurred September 6th, 1895.



Moscow, Idaho.  
Soil Temperatures for the Year of 1904.  
For Weeks Ending.

Depth	Jan 5	Jan 12	Jan 19	Jan 26	Feb 2	Feb 9	Feb 16	Feb 23	Mar 2	Mar 9	Mar 16	Mar 23	Mar 30
6 feet	43	43	43	42	42	41	40	40	39	39	39	40	41
5 feet	41	41	41	40	40	40	39	39	38	38	38	40	40
4 feet	40	40	40	39	39	39	37	37	37	37	38	38	40
feet	38	38	38	37	37	36	36	36	36	36	36	38	39
2 feet	36	36	36	35	35	34	34	35	35	35	36	37	38
1 foot	33	33	34	33	33	32	31	33	34	34	35	37	37
9 inches	32	33	33	33	31	28	32	33	33	33	35	37	37
6 inches	31	32	32	32	30	27	32	32	33	33	35	36	36
3 inches	30	31	31	31	28	25	31	31	35	32	35	35	35
1 inch													

Moscow, Idaho.  
Soil Temperatures for the Year 1901.  
For Weeks Ending.

Depth	Apr 6	Apr 13	Apr 20	Apr 27	May 4	May 11	May 18	May 25	June 1	June 8	June 15	June 22	June 29
6 feet	41	41	41	42	47	45	45	46	47	47	48	48	49
5 feet	40	40	40	41	48	44	46	47	48	49	49	49	50
4 feet	39	39	40	41	49	46	47	48	49	50	50	51	52
3 feet	39	39	40	42	50	46	50	49	51	52	51	53	55
2 feet	38	38	40	43	46	47	52	52	54	54	52	56	56
1 foot	37	37	40	43	42	48	56	54	57	55	51	59	58
9 inches	38	38	41	42	43	50	57	56	58	54	53	61	58
6 inches	37	39	41	43	44	51	57	57	59	53	54	64	59
3 inches	36	39	42	44	45	52	57	57	59	54	55	66	60
1 inch	35	41	43	46	52	56	62	62	63	54	56	68	63

## Moscow, Idaho.

## Soil Temperatures for the Year of 1901.

## For Weeks Ending.

Depth	July 6	July 13	July 20	July 27	Aug 3	Aug 10	Aug 17	Aug 24	Aug 31	Sept 7	Sept 14	Sept 21	Sept 28
6 feet	50	50	52	53	54	55	55	57	58	58	58	57	56
5 feet	51	53	54	55	57	58	59	60	60	60	59	58	56
4 feet	53	54	56	58	59	61	61	62	62	62	60	58	56
3 feet	55	57	59	62	63	64	64	65	65	64	61	58	56
2 feet	57	62	63	66	67	68	66	68	67	66	59	57	55
1 foot	58	64	64	68	68	68	68	69	67	66	57	56	54
9 inches	59	64	65	68	68	68	69	70	67	65	56	56	53
6 inches	65	66	68	71	72	73	73	73	69	64	56	55	52
3 inches	65	67	68	73	74	69	76	76	69	63	54	53	49
1 inch	68	67	69	74	75	75	77	75	69	61	50	48	47

## Moscow, Idaho.

## Soil Temperatures for the Year of 1901.

## For Weeks Ending

Depth	Oct 5	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23	Nov 30	Dec 7	Dec 14	Dec 21	Dec 28	Dec 29, 30 31
6 feet	55	54	54	53	53	52	51	50	49	48	47	46	45	45
5 feet	55	54	54	53	53	51	49	48	47	47	46	44	43	43
4 feet	55	54	53	53	53	50	48	47	46	46	45	43	42	41
3 feet	55	54	53	53	53	49	47	46	45	45	43	41	40	39
2 feet	54	53	53	53	52	46	44	44	43	43	41	38	37	37
1 foot	52	52	52	53	49	44	42	42	41	42	38	36	36	35
9 inches	52	51	51	53	48	43	41	41	41	41	37	35	35	34
6 inches	50	50	50	52	46	41	40	40	41	39	35	33	33	33
3 inches	40	48	49	54	44	39	40	40	41	38	34	33	32	32
1 inch	46	45	48	49	42	36	36	36	41	35	33	31	31	31