

"Rite in the Rain"

WEATHERPROOF



TRANSIT

NOTEBOOK NO. 301

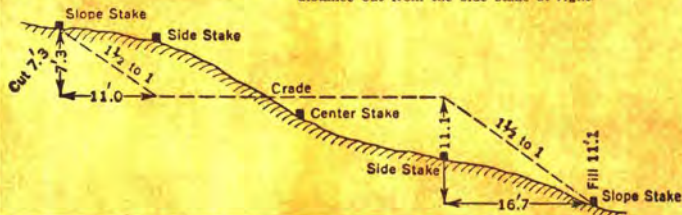
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\$ 225

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes $1\frac{1}{2}$ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

Trap site #1 Below 3rd Bench

Habitat Type AGSP/BASA

other plants POXA BRTE

SOIL: residual gravelly

SLOPE: 65%

ASPECT: 190°

SNAP TRAPS





MAY 29, 1986 TRAP NIGHT #1

WEATHER

TEMP:

☉ CLOUD: 0

½ MOON

no catch = /		31 /
catch = ○		32 /
no bait = X		33 /
EMPTY SNAPPED = △		34 △

1. /	11 /	21 /	35 /
2. /	12 /	22 /	36 /
3. /	13 /	23 /	37 /
4. △	14 /	24 /	38 /
5. /	15 /	25 /	39 /
6. /	16 /	26 △	40 △
7. /	17 /	27 /	41 /
8. /	18 /	28 /	42 △
9. /	19 /	29 /	43 /
10. /	20 /	30 /	44 /
			45 △
	49 /		46 /
	50 △		47 /
			48 /

TRAP# SPECIES SEX / AGE Comments

May 30
32 PM

/ I

May 30, 1986

Trap site #1
below 3rd Bench

no catch		: catch		TEMP	:
1	△	11	/	21	/
2	△	12	/	22	/
3	/	13	/	23	/
4	/	14	/	24	/
5	/	15	/	25	/
6	/	16	/	26	/
7	/	17	/	27	△
8	/	18	/	28	△
9	/	19	/	29	/
10	/	20	/	30	/
				31	/
				32	○
				33	/
				34	/
				35	/
				36	/
				37	/
				38	/
				39	△
				40	/
				41	/
				42	/
				43	/
				44	/
				45	△
				46	/
				47	/
				48	/
				49	/
				50	/

TEMP :
% cloud : 0

June 1st Trap site #1 below 3rd B

1	/	11	/	21	/	31	/	41	/
2	/	12	/	22	/	32	/	42	/
3	/	13	/	23	/	33	/	43	/
4	/	14	/	24	/	34	/	44	/
5	/	15	△	25	/	35	/	45	/
6	△	16	/	26	/	36	/	46	/
7	/	17	/	27	/	37	/	47	/
8	/	18	/	28	/	38	/	48	/
9	△	19	/	29	/	39	△	49	/
10	/	20	/	30	/	40	/	50	/

Weather:

TEMP: 87.49° % cloud: 0
1/2 MOON

June 1st

Saturday

TRAP site #2 Above 1st bench

1 ✓	6 ✓	11 ✓	16 ✓	21 ✓
2 ✓	7 ✓	12 ✓	17 ✓	22 ✓
3 ✓	8 ✓	13 ✓	18 ✓	23 ✓
4 ✓	9 ✓	14 ✓	19 ✓	24 ✓
5 ✓	10 ✓	15 ✓	20 ✓	25 ✓
				26 ✓

Temp: 87°, 49°

June 10th Trap site #6
across Big Creek from Indian Cliff

Habitat type: POPR/SICO

OTHER: BERE BRDO BRTE CLOVER

SOIL: ALLUVIAL

SLOPE: 0°

ASPECT: 85°

10 pit traps

Trap night #1

June 10th ~~trap~~

- | | |
|-----|------|
| 1 / | 6 / |
| 2 / | 7 / |
| 3 / | 8 / |
| 4 / | 9 / |
| 5 / | 10 / |

Weather

cloud %: 0
temp: 68°, 37°

Trap night #2

June 11th

- | | |
|-----|------|
| 1 / | 6 / |
| 2 / | 7 / |
| 3 / | 8 / |
| 4 / | 9 / |
| 5 / | 10 / |

Weather

cloud %: 0
temp: 82°, 44°

Trap site #5 mule basin
riparian

Habitat type: PSME / SIAL

others: Betula Rosa SPBE Salix
RUPA POTR ACGL PALE AMAL COST

soil: ALLUVIAL ^{thimbleberry}

slope: 20%

aspect: 180° due S

50 snap traps

June 10 trap night #1

weather: 68°, 37°

% cloud: 0%

1 /	11 /	21 O	31 /	41 /
2 /	12 /	22 /	32 /	42 /
3 /	13 Δ	23 /	33 /	43 /
4 /	14 /	24 /	34 /	44 /
5 /	15 /	25 /	35 /	45 /
6 /	16 /	26 /	36 /	46 /
7 /	17 /	27 /	37 /	47 /
8 /	18 /	28 /	38 /	48 Δ
9 /	19 /	29 /	39 /	49 /
10 /	20 Δ	30 /	40 /	50 /

Trap site #5 mule basin

June 11th Trap night #2

weather

cloud %: 0

temp: 82°, 44°

1 /	11 /	21 /	31 /	41 /
2 /	12 /	22 /	32 /	42 /
3 /	13 /	23 /	33 /	43 /
4 /	14 /	24 /	34 /	44 /
5 /	15 /	25 /	35 /	45 /
6 /	16 /	26 /	36 /	46 /
7 /	17 /	27 /	37 /	47 /
8 /	18 /	28 /	38 /	48 /
9 Δ	19 /	29 /	39 /	49 /
10 /	20 /	30 /	40 /	50 /

June 12th trap night #3

1 /	11 /	21 /	31 /	41 /
2 /	12 /	22 /	32 /	42 /
3 /	13 /	23 /	33 /	43 /
4 /	14 Δ	24 /	34 /	44 /
5 /	15 /	25 /	35 /	45 /
6 /	16 /	26 /	36 /	46 /
7 /	17 /	27 /	37 /	47 /
8 /	18 /	28 /	38 /	48 Δ
9 /	19 /	29 /	39 /	49 /
10 /	20 /	30 /	40 /	50 /

Weather

temp: 85°, 45°

9. cloud: 0

Trap site #5

Trap site #7 Trail Above Air Strip

Habitat type - PSME / PHMA

other - mountain mahog

rubus rabbit

PSME

gooseberry

Service berry

onoberry

Idaho fescue Syringa

spirea

9-bark

June grass

soil-residual

slope: 65%

aspect: 340°

June 14th Trap night #1

1 ✓	11 ✓	21 ✓	31 ✓	41 ✓
2 ✓	12 ✓	22 ✓	32 ✓	42 ✓
3 ✓	13 ✓	23 ✓	33 ✓	43 ✓
4 ✓	14 ✓	24 ✓	34 ✓	44 ✓
5 ✓	15 ✓	25 ✓	35 ✓	45 ✓
6 ✓	16 ✓	26 ✓	36 ✓	46 ✓
7 ✓	17 ✓	27 ✓	37 ✓	47 ✓
8 ✓	18 ✓	28 ✓	38 ✓	48 ✓
9 ✓	19 ✓	29 ✓	39 ✓	49 ✓
10 ✓	20 ✓	30 ✓	40 ✓	50 ✓

Temp: 86°, 45°

90 cloud: 0

Trap site # 7

Trap night # 2

Temp: 84.45°

% cloud: 25

June 15

Trail Above Airstrip

Comments - Heavy hail last night so that could account for the snapped traps

1. Δ	20 /	39 /
2. Δ	21 Δ	40 /
3 /	22 /	41 /
4. Δ	23 Δ	42 /
5 /	24 /	43 /
6 /	25 Δ	44 Δ
7 /	26 Δ	45 Δ
8 /	27 /	46 /
9. Δ	28 /	47 Δ
10 /	29 Δ	48 /
11. Δ	30 /	49 /
12 /	31 Δ	50 /
13 /	32 Δ	
14 /	33 /	
15 /	34 /	
16. Δ	35 /	
17 /	36 /	
18. /	37 /	
19. /	38 /	

Trap site # 7

Trail Above Airstrip

Trap night # 3

Temp: 79°43

% Cloud: 0

June 16

1. 0	21. /	41. /
2. /	22. /	42. /
3. /	23. /	43. /
4. /	24. Δ	44. /
5. /	25. /	45. /
6. /	26. /	46. /
7. /	27. /	47. /
8. /	28. /	48. /
9. /	29. /	49. /
10. /	30. /	50. Δ
11. /	31. /	
12. /	32. /	
13. /	33. /	
14. /	34. /	
15. /	35. /	
16. /	36. /	
17. /	37. /	
18. /	38. /	
19. /	39. /	
20. /	40. /	

Trap #	Species	sex/Age
1	PM	♂, A

Trap site #10 Black Butte Burn

Habitat Type: PICO VASC

Other: ABLA CAGE PIAL

soil: residual old burn 25-30 yrs

slope: 30% old

aspect: 340

50 snap traps

June 24, 1986 Trap night #1

Temp: 92, 48% cloud: ☉

10	11 Δ	21 /	31 /	41 /
20	12 /	22 /	32 /	42 /
3 /	13 Δ	23 /	33 /	43 /
4 /	14 /	24 /	34 /	44 /
5 /	15 Δ	25 /	35 Δ	45 /
6 Δ	16 /	26 /	36 /	46 /
7 /	17 /	27 /	37 /	47 /
8 /	18 Δ	28 /	38 /	48 /
9 /	19 /	29 /	39 /	49 /
10 /	20 /	30 /	40 /	50

Tam

Trap#	species	sex/Age	Comments
#1	EA chipmunk	♂/Adult	June 24
#2	EA	♀ Adult	June 24

Trap night # 2 June 25

#11	EA	♂/Adult	dragged the trap
#23	PM	♀/Adult	
#34	EA	♂/Adult	ants all over

Trap site #10 Below Black Butte Burn

June 25, 1986 trap night #2
 90% cloud Temp: 90°, 46°

1 Δ	11 ○	21 /	31 /	41 Δ
2 Δ	12 /	22 /	32 /	42 Δ
3 Δ	13 /	23 ○	33 /	43 /
4 Δ	14 /	24 Δ	34 ○	44 /
5 /	15 /	25 Δ	35 /	45 /
6 /	16 Δ	26 Δ	36 /	46 /
7 /	17 /	27 /	37 /	47 /
8 /	18 Δ	28 /	38 /	48 /
9 Δ	19 /	29 /	39 /	49 Δ
10 /	20 /	30 /	40 /	50

June 26 1986 trap night #3

1 /	11 /	21 /	31 /	41 /	Temp 87°, 48° 90% cloud
2 /	12 /	22 /	32 /	42 /	
3 Δ	13 /	23 /	33 /	43 /	
4 lost	14 /	24 Δ	34 /	44 /	90%
5 Δ	15 /	25 Δ	35 /	45 /	
6 Δ	16 /	26 Δ	36 /	46 Δ	
7 /	17 /	27 /	37 /	47 /	
8 /	18 Δ	28 /	38 /	48 /	
9 /	19 /	29 /	39 /	49 /	
10 /	20 /	30 /	40 /	50	