Rain Gauge Log Sheet

Construction Site Name: Rocklin Crossing JOB # 992

WDID #:

Date (mm/dd/yy)	Time (24-hr)	Initials	Rainfall Depth (Inches)	Notes:
NOV 1.12	9AM	BH	1/2	RAIN FALL From 830pm 9AM measured 10/31 - 11/1
11/8/12	5:30 AM	R	1/4	RAIN 11:30pm - 5:30AM 11/8 - 11/9
11/29/12	8:00A.M -7:00AM	R	3/4"	RAIN FALL From 8:00A.M - 7:AM 11/28 - 11/29
12/2/12		BH	6 1/4"	RAIN FALL FROM 5pm - 7AM 11/30 12/2
12/5/12		R	7/8"	RAIN FALL From 11:00AM 4:00P.M. 12/5 12/5

7" rainfall for 11/28 → 12/2/12 storm event.

Table 5-A-1
Depth-Duration-Frequency Coefficients

150 - 3000 feet elevation
West of Sierra Nevada Crest

Depths in inches at 150 feet

total for 3day period per rain gauge measurement beginning Nov 30 and ending Dec 2nd

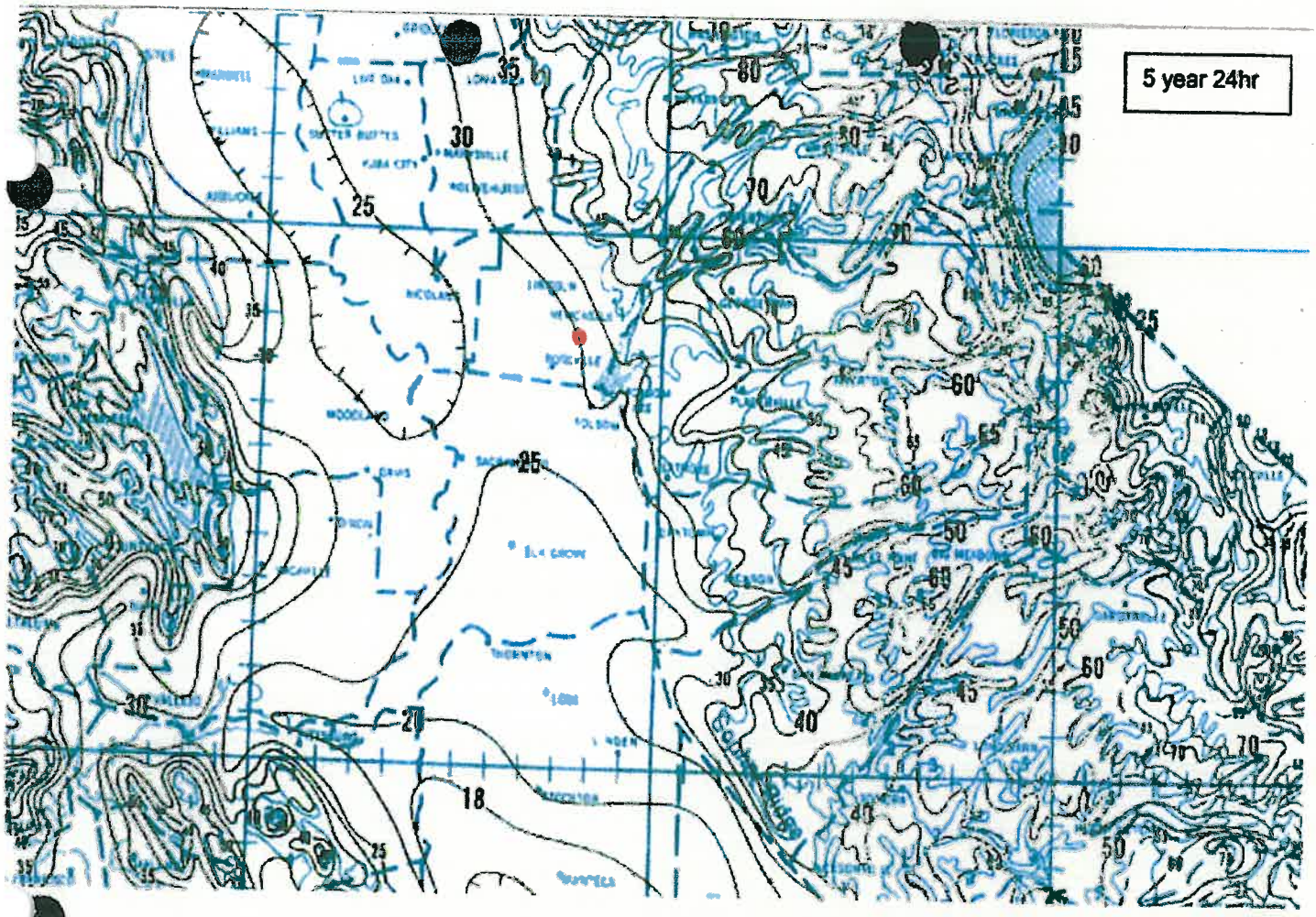
Duration	2yr	5yr	10yr	25yr	50yr	100yr	200yr	500yr
5m	0.13	0.20	0.25	0.32	0.38	0.44	0.49	0.58
10m	0.19	0.29	0.36	0.46	0.54	0.62	0.70	0.82
15m	0.23	0.35	0.43	0.55	0.64	0.73	0.82	0.96
30m	0.32	0.47	0.57	0.72	0.83	0.94	1.04	1.22
1h	0.45	0.64	0.77	0.94	1.07	1.21	1.33	1.53
2h	0.64	0.88	1.04	1.26	1.42	1.59	1.76	2.00
3h	0.77	1.04	1.23	1.47	1.66	1.85	2.03	2.31
6h	1.06	1.40	1.65	1.95	2.22	2.23	2.75	3.10
12h	1.43	1.91	2.24	2.67	3.00	3.30	3.60	4.00
1d	1.90	2.50	2.98	3.46	3.85	4.25	4.60	5.20
2d	2.51	3.40	3.95	4.65	5.15	5.70	6.20	7.00
3d	3.00	4.07	4.65	5.50	6.20 6¼"	6.80	7.50	8.40
5d	3.61	4.91	5.76	6.85 7"	7.63	8.42	9.20	10.29
10d	4.73	6.44	7.54	8.96	9.97	11.01	11.95	13.45

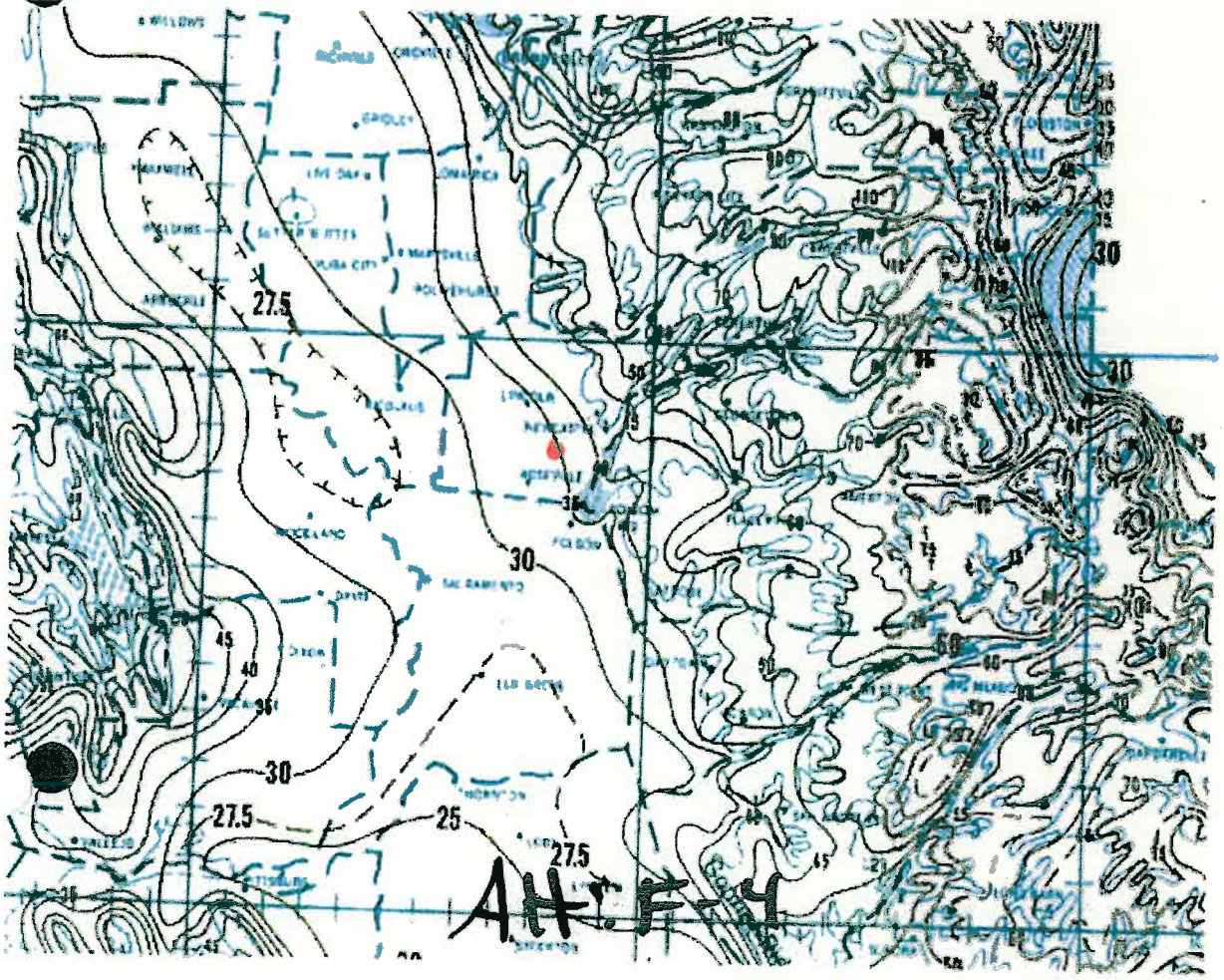
total for rain event per rain gauge measurements beginning Nov 28 and ending Dec 2nd

Change in depth, inches per 1000 feet

Duration	2yr	5yr	10yr	25yr	50yr	100yr	200yr	500yr
5m	0.007	0.000	-0.003	-0.007	-0.017	-0.023	-0.027	-0.037
10m	0.007	0.003	0.000	-0.010	-0.020	-0.027	-0.037	-0.050
15m	0.017	0.013	0.013	0.003	0.000	-0.007	-0.013	-0.027
30m	0.030	0.040	0.040	0.040	0.040	0.040	0.040	0.030
1h	0.063	0.087	0.100	0.120	0.133	0.137	0.157	0.173
2h	0.107	0.157	0.193	0.230	0.260	0.287	0.313	0.350
3h	0.143	0.220	0.263	0.327	0.373	0.413	0.457	0.513
6h	0.230	0.357	0.433	0.540	0.593	0.733	0.757	0.850
12h	0.453	0.663	0.820	0.977	1.127	1.250	1.400	1.600
1d	0.700	1.037	1.240	1.547	1.783	1.983	2.200	2.500
2d	1.163	1.667	2.017	2.483	2.850	3.167	3.533	4.000
3d	1.647	2.343	2.850	3.500	3.933	4.383	4.833	5.533
5d	2.287	3.230	3.913	4.717	5.390	5.960	6.600	7.570
10d	3.490	4.920	5.987	7.180	8.177	8.997	10.350	11.683

AH: F-3





Att. F-4