Santa Barbara County - Flood Control District

130 East Victoria Street, Santa Barbara, CA 93101
805.568.3440 - www.countyofsb.org/pwd

Official Monthly and Yearly Rainfall Record

(Monthly Depth Durations and Average Recurrence Intervals)

Station: 393 **Station Type: Alert, Data Logger w/TB** **Latitude: 343536 Longitude: 1200828**

Station Name: Solvang City Water District **Elevation (ft): 485** **Rainfall (in.)**

WY	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	WY
1964-65	0.00	1.68	2.53	2.94	1.17	0.60	3.76	4.47	0.00	0.00	0.00	0.00	17.15
1965-66	0.00	0.00	14.02	5.36	2.84	0.73	0.31	0.00	0.00	0.10	0.00	0.00	23.36
1966-67	0.15	0.00	3.18	4.35	4.62	0.30	5.68	4.96	0.18	0.00	0.00	0.00	23.42
1967-68	0.35	0.00	4.02	1.38	0.77	1.32	2.60	2.00	0.00	0.00	0.00	0.00	12.44
1968-69	0.00	2.12	1.15	2.12	19.07	11.50	0.83	2.56	0.10	0.00	0.00	0.00	39.45
1969-70	0.00	0.12	1.17	0.53	2.40	3.56	1.25	0.15	0.00	0.00	0.00	0.00	9.18
1970-71	0.00	0.02	3.90	4.72	0.61	0.50	0.26	1.00	1.10	0.00	0.00	0.00	12.11
1971-72	0.00	0.25	0.42	7.95	0.12	0.25	0.00	0.27	0.00	0.00	0.05	0.00	9.31
1972-73	0.00	1.40	5.19	1.31	6.24	10.40	3.02	0.00	0.00	0.00	0.00	0.00	27.56
1973-74	0.00	0.25	3.65	1.22	6.12	0.10	3.86	1.00	0.00	0.00	0.00	0.00	16.20
1974-75	0.00	1.05	0.15	9.60	0.10	4.93	6.75	1.83	0.00	0.00	0.00	0.00	24.41
1975-76	0.00	0.27	0.63	0.15	0.00	7.00	0.82	1.93	0.00	0.10	0.00	0.25	11.15
1976-77	5.35	0.75	0.43	0.80	3.53	0.10	2.60	0.03	2.49	0.00	0.00	0.00	16.08
1977-78	0.00	0.00	0.20	3.67	7.24	10.24	10.69	3.08	0.00	0.00	0.00	0.00	35.12
1978-79	1.98	0.00	2.21	1.17	8.02	3.70	6.14	0.00	0.00	0.00	0.00	0.00	23.22
1979-80	0.40	0.58	1.03	2.15	4.11	9.56	3.37	1.01	0.15	0.00	0.00	0.00	22.36
1980-81	0.00	0.00	0.00	1.35	4.22	5.19	5.08	0.45	0.00	0.00	0.00	0.00	16.29
1981-82	0.03	0.44	1.09	0.85	3.35	0.62	7.18	1.47	0.00	0.00	0.00	0.12	15.15
1982-83	0.44	0.35	5.36	1.91	9.76	8.25	6.53	5.41	0.05	0.00	0.00	0.40	38.46
1983-84	1.95	0.60	2.57	4.35	0.00	0.25	0.60	0.30	0.00	0.00	0.20	0.00	10.82
1984-85	0.00	0.80	2.98	4.15	0.80	1.06	1.67	0.00	0.00	0.00	0.00	0.00	11.46
1985-86	0.00	0.45	3.94	0.75	2.17	6.70	6.17	0.20	0.00	0.00	0.00	0.00	20.38
1986-87	0.78	0.00	0.70	1.00	1.53	2.01	3.83	0.30	0.00	0.00	0.00	0.00	10.15
1987-88	0.00	2.01	0.93	4.97	3.31	4.12	2.84	0.10	0.20	0.00	0.00	0.00	18.48
1988-89	0.00	0.00	0.70	4.26	0.26	1.50	0.39	0.00	0.26	0.00	0.00	0.00	7.37
1989-90	0.55	0.30	0.39	0.00	3.19	1.95	0.63	0.00	0.74	0.00	0.00	0.00	7.75
1990-91	0.00	0.00	0.17	0.25	1.17	2.52	15.92	0.00	0.00	0.00	0.00	0.00	20.03
1991-92	0.00	0.12	0.13	6.80	2.16	11.41	3.81	0.00	0.00	0.00	0.25	0.00	24.68
1992-93	0.00	0.64	0.00	5.49	10.05	8.53	4.62	0.00	0.00	0.27	0.00	0.02	29.62
1993-94	0.00	0.23	1.03	2.12	1.53	5.24	3.27	1.09	0.78	0.00	0.00	0.00	15.29
1994-95	0.08	0.76	1.56	0.93	21.18	1.51	10.34	0.46	1.29	0.70	0.00	0.00	38.81
1995-96	0.00	0.24	0.00	1.81	3.80	5.85	1.51	0.61	0.27	0.00	0.03	0.00	14.12
1996-97	0.00	3.64	2.04	4.79	4.36	0.11	0.00	0.00	0.00	0.00	0.04	0.00	14.98
1997-98	0.52	0.00	3.79	5.74	6.39	18.88	2.85	2.74	2.91	0.05	0.00	0.00	43.87
1998-99	0.39	0.00	2.19	0.43	2.29	0.79	5.99	2.74	0.00	0.00	0.84	0.10	15.76
1999-00	0.00	0.00	1.71	0.02	1.33	8.90	2.32	4.51	0.00	0.00	0.00	0.00	18.79
2000-01	0.00	2.41	0.00	0.09	6.93	4.91	9.02	1.38	0.00	0.00	0.10	0.00	24.84
2001-02	0.00	0.50	3.35	2.62	0.88	0.20	0.51	0.14	0.00	0.00	0.00	0.00	8.20
2002-03	0.00	0.00	2.81	6.98	0.08	2.22	2.70	1.63	1.41	0.00	0.00	0.00	17.83
2003-04	0.00	0.02	1.49	2.03	0.49	5.21	0.58	0.03	0.01	0.00	0.01	0.00	9.87
2004-05	0.00	5.76	0.51	9.70	8.05	8.12	3.38	0.76	0.57	0.01	0.00	0.00	36.86
2005-06	0.07	0.40	1.49	0.75	4.78	2.23	3.71	4.08	0.95	0.01	0.00	0.00	18.47
2006-07	0.01	0.20	0.23	1.64	1.43	2.00	0.09	0.87	0.00	0.00	0.00	0.00	6.47
2007-08	0.38	0.53	0.04	1.73	13.00	2.12	0.03	0.04	0.05	0.00	0.00	0.00	17.92
2008-09	0.00	0.11	2.75	1.66	0.48	5.25	0.94	0.18	0.00	0.24	0.00	0.01	11.62
2009-10	0.03	2.56	0.00	3.36	8.57	4.14	0.33	2.23	0.02	0.00	0.00	0.00	21.24
2010-11	0.00	1.89	1.33	8.67	1.06	3.55	8.84	0.29	0.28	0.50	0.00	0.00	26.41
2011-12	0.01	0.59	2.69	0.31	1.22	0.47	2.27	2.58	0.00	0.00	0.00	0.00	10.14
2012-13	0.03	0.06	0.83	2.94	1.57	0.50	0.80	0.01	0.05	0.00	0.03	0.00	6.82

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Station Name: Solvang City Water District **Elevation (ft): 485** **Rainfall (in.)**

WY	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	WY
Total	13.50	34.10	92.68	143.87	198.35	201.10	170.69	58.89	13.86	1.98	1.55	0.90	931.47
N	49	49	49	49	49	49	49	49	49	49	49	49	49
Mean	**0.28**	**0.70**	**1.89**	**2.94**	**4.05**	**4.10**	**3.48**	**1.20**	**0.28**	**0.04**	**0.03**	**0.02**	**19.01**
Max	5.35	5.76	14.02	9.70	21.18	18.88	15.92	5.41	2.91	0.70	0.84	0.40	43.87
StdDev	0.84	1.09	2.27	2.59	4.52	4.00	3.33	1.48	0.61	0.13	0.13	0.07	9.43
CV	3.05	1.56	1.20	0.88	1.12	0.98	0.96	1.23	2.16	3.19	3.98	3.74	0.50
Reg CV	2.68	1.28	1.03	0.84	0.90	0.99	0.87	1.11	1.83	2.91	3.81	4.10	0.44
Reg Skew	3.80	1.80	1.40	1.00	1.60	1.10	1.10	1.70	2.60	3.60	4.40	4.80	1.10
FIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Average Recurrence Intervals (in Years)													
2	0.00	0.45	1.44	2.54	3.14	3.37	2.94	0.84	0.09	0.00	0.00	0.00	17.50
5	0.47	1.27	3.27	4.81	6.53	7.15	5.76	2.08	0.53	0.08	0.05	0.03	25.28
10	1.04	1.87	4.50	6.24	8.89	9.55	7.54	2.96	0.91	0.17	0.14	0.08	30.22
25	1.94	2.65	6.04	7.97	11.92	12.47	9.73	4.11	1.46	0.31	0.30	0.18	36.24
50	2.68	3.23	7.15	9.20	14.18	14.63	11.33	4.95	1.88	0.42	0.43	0.27	40.67
100	3.46	3.81	8.26	10.38	16.40	16.66	12.85	5.79	2.32	0.54	0.57	0.36	44.86
200	4.27	4.39	9.35	11.54	18.58	18.65	14.33	6.63	2.76	0.66	0.72	0.46	48.95
500	5.90	5.36	11.07	13.22	22.19	21.58	16.52	8.02	3.52	0.91	1.02	0.67	54.98
1000	6.21	5.72	11.83	14.11	23.61	23.08	17.64	8.55	3.80	0.96	1.07	0.70	58.07
10000	9.11	7.62	15.28	17.64	30.72	29.25	22.24	11.26	5.32	1.40	1.61	1.06	70.78