

Rainfall Summary

Santa Ana Watershed - July 2002 to June 2024

Annual Rainfall (inches)					
Year *	Riverside	Corona	Elsinore	Hemet/SJ	Perris/MV
2002	3.57	4.07	2.90	3.7	4.28
2003	15.84	16.59	13.52	13.6	16.62
2004	7.18	9.32	6.70	7.62	9.53
2005	23.90	28.90	28.80	24.0	26.61
2006	7.88	10.49	8.62	10.79	11.02
2007	2.74	2.54	1.60	3.37	3.28
2008	8.09	9.34	9.34	11.44	11.11
2009	7.52	9.50	8.81	8.74	9.29
2010	12.30	16.82	11.39	11.48	14.51
2011	16.43	23.25	14.97	17.07	20.24
2012	6.93	9.19	5.78	8.55	7.44
2013	6.22	6.44	4.42	6.33	7.74
2014	6.59	7.22	4.59	6.32	8.28
2015	8.96	7.29	7.01	8.79	9.57
2016	9.49	11.11	6.62	8.81	12.1
2017	13.72	17.66	14.95	14.39	15.96
2018	5.18	4.55	3.38	5.14	7.08
2019	14.48	20.79	14.43	16.35	18.52
2020	11.35	15.50	12.31	13.23	15.84
2021	5.16	5.63	4.30	5.51	6.83
2022	6.33	9.72	5.48	5.40	7.82
2023	15.76	23.94	15.73	15.84	18.95
2024	14.21	17.26	13.34	14.55	20.36

Percent(%) of Normal = Current Year / Average Year							
Year *	Riverside	Corona	Elsinore	Hemet/SJ	Perris/MV	Mean(5)	Result
2002	33%	28%	24%	29%	35%	30%	very dry
2003	144%	115%	114%	108%	135%	123%	wet
2004	65%	64%	56%	61%	77%	65%	dry
2005	218%	200%	242%	191%	215%	213%	record wet year
2006	72%	73%	72%	86%	89%	78%	dry
2007	25%	18%	13%	27%	27%	22%	very dry
2008	74%	65%	78%	91%	90%	80%	dry
2009	69%	66%	74%	70%	75%	71%	dry
2010	112%	116%	96%	92%	117%	107%	average
2011	150%	161%	126%	136%	164%	147%	very wet
2012	63%	64%	49%	68%	60%	61%	dry
2013	57%	45%	37%	50%	63%	50%	dry
2014	60%	50%	39%	50%	67%	53%	dry
2015	82%	50%	59%	70%	77%	68%	dry
2016	86%	77%	56%	70%	98%	77%	dry
2017	125%	122%	126%	115%	129%	123%	wet
2018	47%	31%	28%	41%	57%	41%	very dry
2019	132%	144%	121%	130%	150%	135%	wet
2020	103%	107%	103%	105%	128%	110%	average
2021	47%	39%	36%	44%	55%	44%	very dry
2022	58%	67%	46%	43%	63%	55%	dry
2023	144%	166%	132%	126%	153%	144%	very wet
2024	129%	119%	112%	116%	165%	128%	wet

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Riverside	178	10.97	76	2S/5W-14
Corona	035	14.45	95	4S/7W-02
Elsinore	067	11.91	127	6S/4W-07
Hemet/SJ	186	12.55	132	4S/1W-35
Perris/MV	155	12.35	68	4S/3W-30