

Rainfall Summary

Santa Margarita Watershed - July 2002 to June 2024

Annual Rainfall (inches)				
Year *	Murrieta Crk	Skinner Lake	Temecula	Wildomar
2002	3.80	3.05	3.80	3.06
2003	18.10	13.81	16.05	18.10
2004	9.09	6.96	7.80	8.12
2005	34.82	25.33	33.75	34.55
2006	7.17	7.70	9.84	8.36
2007	2.60	2.53	3.43	2.61
2008	11.50	12.93	16.46	15.34
2009	9.18	8.39	10.59	12.77
2010	14.42	11.09	14.68	20.53
2011	16.09	15.81	25.20	26.86
2012	7.82	7.03	9.75	10.08
2013	6.06	6.23	7.30	8.15
2014	6.29	4.76	5.92	9.99
2015	8.98	8.04	10.50	12.10
2016	6.72	6.20	9.42	11.66
2017	14.14	11.13	19.31	15.49
2018	3.86	4.27	6.16	5.13
2019	13.05	12.96	21.13	16.87
2020	14.63	13.47	17.28	17.64
2021	4.76	4.82	6.51	5.45
2022	6.84	6.64	9.28	7.86
2023	18.42	15.49	22.79	22.40
2024	17.20	12.44	18.53	18.43

Percent(%) of Normal = Current Year / Average Year						
Year *	Murrieta Crk	Skinner Lake	Temecula	Wildomar	Mean(4)	Result
2002	27%	26%	25%	22%	25%	very dry
2003	131%	118%	104%	130%	120%	wet
2004	66%	59%	50%	58%	58%	dry
2005	251%	216%	218%	247%	233%	very wet
2006	52%	66%	64%	60%	60%	dry
2007	19%	22%	22%	19%	20%	very dry
2008	83%	110%	106%	110%	102%	normal
2009	66%	71%	68%	91%	74%	dry
2010	104%	94%	95%	147%	110%	normal
2011	116%	135%	163%	192%	151%	very wet
2012	56%	60%	63%	72%	63%	dry
2013	44%	53%	47%	58%	51%	dry
2014	45%	41%	38%	72%	49%	very dry
2015	65%	68%	68%	87%	72%	dry
2016	48%	53%	61%	83%	61%	dry
2017	102%	95%	125%	111%	108%	normal
2018	28%	36%	40%	37%	35%	very dry
2019	94%	110%	137%	121%	115%	normal
2020	106%	115%	112%	126%	115%	normal
2021	34%	41%	42%	39%	39%	very dry
2022	49%	57%	60%	56%	56%	dry
2023	133%	132%	147%	160%	143%	Very Wet
2024	124%	106%	120%	132%	120%	normal

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Murrieta Cr	128	13.86	57	7S/3W-18
Skinner Lake	205	11.74	62	7S/2W-10
Temecula	217	15.47	70	8S/3W-12
Wildomar	246	13.97	115	7S/4W-2