

Rainfall Summary

Santa Margarita Watershed - July 1993 to June 2016

Annual Rainfall (inches)				
Year *	Murrieta-Crk	SkinnerLk	Temecula	Wildomar
1994	11.42	12.96	15.60	10.97
1995	25.64	20.57	27.60	23.29
1996	8.50	8.09	9.10	8.84
1997	10.98	10.77	13.60	10.13
1998	27.61	24.92	31.90	28.41
1999	5.75	7.04	8.20	6.28
2000	9.60	7.51	10.10	8.34
2001	11.70	9.75	13.70	12.64
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

Percent(%) of Normal = Current Year / Average Year						
Year *	MurrietaW	SkinnerLk	Temecula	Wildomar	Mean(4)	Result
1994	80%	108%	103%	79%	92%	normal
1995	179%	172%	182%	168%	175%	very wet
1996	59%	68%	60%	64%	63%	dry
1997	77%	90%	90%	73%	82%	dry
1998	192%	208%	210%	205%	204%	very wet
1999	40%	59%	54%	45%	50%	dry
2000	67%	63%	54%	60%	61%	dry
2001	82%	81%	67%	91%	80%	dry
2002	26%	25%	25%	22%	25%	very dry
2003	126%	115%	106%	131%	120%	wet
2004	63%	58%	51%	59%	58%	dry
2005	243%	212%	222%	250%	232%	very wet
2006	50%	64%	65%	60%	60%	dry
2007	18%	21%	23%	19%	20%	very dry
2008	80%	108%	108%	111%	102%	normal
2009	64%	70%	70%	92%	74%	dry
2010	100%	93%	97%	148%	110%	normal
2011	112%	132%	166%	194%	151%	very wet
2012	54%	59%	64%	73%	63%	dry
2013	42%	52%	48%	59%	50%	dry
2014	44%	40%	39%	72%	49%	very dry
2015	63%	67%	69%	87%	72%	dry
2016	47%	52%	62%	84%	61%	dry

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Murrieta Cr	128	14.35	49	7S/3W-18
Skinner Lake	205	11.97	69	7S/2W-10
Temecula	217	15.18	60	8S/3W-12
Wildomar	246	13.84	107	7S/4W-2

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (inches) **
Santa Margarita Watershed

Day	Jul					Aug					Sep				
	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murriets-Crk	SkinnerLk	Temecula	Wildomar	Ave
1	0.07	0.13	0.31	0.20	0.18					0.00					0.00
2	0.01				0.00					0.00					0.00
3					0.00					0.00					0.00
4					0.00					0.00					0.00
5					0.00					0.00					0.00
6					0.00					0.00					0.00
7					0.00		0.02			0.01					0.00
8					0.00					0.00					0.00
9					0.00					0.00					0.00
10					0.00					0.00		0.04		1.04	0.27
11					0.00					0.00					0.00
12					0.00					0.00					0.00
13					0.00					0.00					0.00
14					0.00					0.00					0.00
15					0.00	0.22				0.06		0.02	0.04	0.33	0.10
16					0.00	0.65				0.16		0.54	0.67	0.82	0.51
17					0.00					0.00		0.01			0.00
18	0.03	0.11	0.23	0.03	0.10					0.00					0.00
19	0.57	0.30	0.35	0.83	0.51					0.00					0.00
20	0.23	0.34	0.43	0.29	0.32					0.00					0.00
21					0.00					0.00					0.00
22					0.00					0.00					0.00
23					0.00					0.00					0.00
24					0.00					0.00					0.00
25					0.00					0.00					0.00
26					0.00					0.00					0.00
27					0.00					0.00					0.00
28					0.00					0.00					0.00
29					0.00					0.00					0.00
30					0.00					0.00					0.00
31					0.00					0.00					0.00
Sum	0.91	0.88	1.32	1.35		0.87	0.02	0.00	0.00		0.00	0.61	0.71	2.19	
Total	0.91	0.88	1.32	1.35		1.78	0.90	1.32	1.35		1.78	1.51	2.03	3.54	

** 24 Hour Precip Period (8am to 8am)

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (inches) **

Santa Margarita Watershed

Day	Oct					Nov					Dec				
	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murriets-Crk	SkinnerLk	Temecula	Wildomar	Ave
1					0.00					0.00					0.00
2					0.00					0.00					0.00
3					0.00	0.03	0.10	0.10	0.04	0.07					0.00
4	0.20	0.06	0.36	0.19	0.20		0.02			0.01					0.00
5	0.13	0.55	0.13	0.05	0.22					0.00					0.00
6		0.02	0.02	0.02	0.02					0.00					0.00
7			0.01	0.01	0.01					0.00					0.00
8					0.00					0.00					0.00
9					0.00					0.00					0.00
10					0.00	0.02	0.01	0.06		0.02					0.00
11					0.00		0.01			0.00	0.05	0.03	0.11	0.11	0.08
12					0.00					0.00	0.04	0.03	0.16	0.04	0.07
13					0.00					0.00		0.01			0.00
14					0.00					0.00	0.04	0.21	0.16	0.10	0.13
15	0.01		0.01	0.09	0.03					0.00				0.01	0.00
16	0.01		0.01	0.01	0.01		0.03			0.01					0.00
17		0.01			0.00					0.00					0.00
18					0.00					0.00					0.00
19					0.00					0.00					0.00
20					0.00					0.00	0.10	0.11	0.23	0.15	0.15
21					0.00					0.00		0.01			0.00
22					0.00					0.00	0.07	0.04	0.11	0.29	0.13
23		0.01			0.00					0.00	0.02	0.03	0.13	0.02	0.05
24					0.00					0.00	0.01	0.01	0.02		0.01
25					0.00	0.02	0.05	0.09	0.08	0.06		0.01	0.03	0.02	0.02
26					0.00	0.01				0.00	0.01	0.01			0.01
27					0.00	0.06	0.03	0.10	0.02	0.05					0.00
28					0.00			0.03		0.01					0.00
29					0.00					0.00	0.02		0.02		0.01
30					0.00					0.00	0.01				0.00
31					0.00					0.00					0.00
Sum	0.35	0.65	0.54	0.37		0.14	0.25	0.38	0.14		0.37	0.50	0.97	0.74	
Total	2.13	2.16	2.57	3.91		2.27	2.41	2.95	4.05		2.64	2.91	3.92	4.79	

** 24 Hour Precip Period (8am to 8am)

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (inches) **

Santa Margarita Watershed

Day	Jan					Feb					Mar				
	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave
1					0.00	0.61	0.37	1.08	0.86	0.73					0.00
2					0.00	0.01			0.01	0.01					0.00
3					0.00					0.00					0.00
4		0.01	0.01		0.01					0.00					0.00
5			0.01		0.00					0.00					0.00
6	1.50	0.63	1.00	2.68	1.45					0.00	0.13	0.09	0.24	0.17	0.16
7	0.84	1.09	1.39	1.17	1.12					0.00	0.07	0.08	0.14	0.13	0.11
8	0.01		0.31		0.08					0.00	0.26	0.34	0.38	0.45	0.36
9	0.01	0.01		0.01	0.01					0.00	0.01		0.01	0.01	0.01
10		0.01			0.00					0.00					0.00
11				0.01	0.00					0.00					0.00
12					0.00					0.00	0.14		0.25	0.28	0.17
13					0.00					0.00		0.17	0.01	0.01	0.05
14					0.00					0.00	0.01				0.00
15					0.00					0.00	0.01				0.00
16					0.00					0.00		0.01			0.00
17					0.00					0.00		0.01			0.00
18					0.00	0.13	0.16	0.13	0.22	0.16					0.00
19	0.01				0.00	0.02		0.02	0.02	0.02	0.01				0.00
20					0.00	0.01	0.01			0.01	0.01				0.00
21					0.00					0.00					0.00
22					0.00					0.00					0.00
23					0.00					0.00					0.00
24					0.00					0.00					0.00
25	0.01				0.00					0.00					0.00
26					0.00					0.00					0.00
27					0.00					0.00					0.00
28					0.00					0.00				0.05	0.01
29					0.00					0.00	0.02	0.03	0.08	0.01	0.04
30					0.00					0.00	0.01		0.02		0.01
31	0.03		0.17		0.05					0.00		0.05			0.01
Sum	2.41	1.75	2.89	3.87		0.78	0.54	1.23	1.11		0.68	0.78	1.13	1.11	
Total	5.05	4.66	6.81	8.66		5.83	5.20	8.04	9.77		6.51	5.98	9.17	10.88	

** 24 Hour Precip Period (8am to 8am)

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (inches) **

Santa Margarita Watershed

Day	Apr					May					Jun				
	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave	Murrieta-Crk	SkinnerLk	Temecula	Wildomar	Ave
1		0.01	0.01		0.01					0.00					0.00
2					0.00					0.00					0.00
3					0.00					0.00					0.00
4					0.00					0.00					0.00
5					0.00					0.00					0.00
6					0.00	0.02		0.02	0.09	0.03					0.00
7					0.00	0.01	0.02	0.05	0.02	0.03					0.00
8	0.03	0.01	0.05	0.02	0.03					0.00					0.00
9	0.02	0.02	0.02	0.02	0.02					0.00					0.00
10	0.04	0.05	0.03	0.02	0.04					0.00					0.00
11	0.01	0.02		0.04	0.02					0.00					0.00
12	0.07	0.06	0.04	0.56	0.18					0.00					0.00
13	0.01	0.01			0.01					0.00					0.00
14					0.00					0.00					0.00
15					0.00			0.01		0.00					0.00
16					0.00					0.00					0.00
17					0.00					0.00					0.00
18					0.00					0.00					0.00
19					0.00					0.00					0.00
20					0.00					0.00					0.00
21					0.00					0.00					0.00
22					0.00					0.00					0.00
23					0.00					0.00					0.00
24					0.00					0.00					0.00
25					0.00					0.00					0.00
26		0.02			0.01					0.00					0.00
27					0.00					0.00					0.00
28					0.00					0.00					0.00
29					0.00					0.00					0.00
30			0.02	0.01	0.01					0.00					0.00
31					0.00					0.00					0.00
Sum	0.18	0.20	0.17	0.67		0.03	0.02	0.08	0.11		0.00	0.00	0.00	0.00	
Total	6.69	6.18	9.34	11.55		6.72	6.20	9.42	11.66		6.72	6.20	9.42	11.66	

** 24 Hour Precip Period (8am to 8am)