

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2018-2019 (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					0.00					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					0.00					0.00
7					0.00					0.00					0.00
8					0.00					0.00					0.00
9					0.00					0.00					0.00
10	0.23				0.06					0.00					0.00
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					0.00					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					0.00					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	0.23	0.00	0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
Total	0.23	0.00	0.00	0.00		0.23	0.00	0.00	0.00		0.23	0.00	0.00	0.00	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2018-2019 (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				0.01	0.00
2					0.00					0.00		0.01			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	0.31	0.28	0.52	0.38	0.37
7					0.00					0.00	0.86	0.50	0.96	1.05	0.84
8					0.00					0.00	0.01		0.01	0.01	0.01
9					0.00					0.00					0.00
10					0.00					0.00					0.00
11					0.00					0.00					0.00
12					0.00					0.00					0.00
13	0.46	0.70	0.74	0.79	0.67					0.00	0.01				0.00
14	0.09	0.09	0.06	0.33	0.14					0.00					0.00
15					0.00					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	0.03	0.09	0.20	0.04	0.09					0.00
23					0.00	0.01	0.01			0.01					0.00
24					0.00		0.01			0.00					0.00
25					0.00					0.00	0.05	0.03	0.13	0.23	0.11
26					0.00		0.01			0.00	0.02		0.05	0.02	0.02
27					0.00					0.00		0.01	0.01		0.01
28					0.00					0.00					0.00
29					0.00	0.11	0.07	0.17	0.24	0.15					0.00
30					0.00	0.40	0.50	1.18	0.68	0.69					0.00
31					0.00					0.00					0.00
Sum	0.55	0.79	0.80	1.12		0.55	0.69	1.55	0.96		1.26	0.83	1.68	1.70	
Total	0.78	0.79	0.80	1.12		1.33	1.48	2.35	2.08		2.59	2.31	4.03	3.78	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2018-2019 (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	0.02	0.02	0.09	0.04	0.04	0.40	0.45	0.62	0.40	0.47					0.00
2					0.00	0.04	0.04	0.05	0.04	0.04	0.24	0.24	0.28	0.33	0.27
3					0.00	0.93	0.69	1.27	1.43	1.08	0.14	0.12	0.56	0.21	0.26
4					0.00	0.21	0.22	0.35	0.06	0.21		0.01		0.01	0.01
5					0.00	0.41	1.01	1.04	0.35	0.70					0.00
6	0.47	0.38	0.39	0.82	0.52	0.09	0.17	0.17	0.11	0.14	0.09	0.08	0.06	0.06	0.07
7	0.01				0.00		0.01			0.00	0.21	0.23	0.39	0.23	0.27
8					0.00					0.00	0.03	0.02	0.02		0.02
9					0.00				0.01	0.00	0.01				0.00
10					0.00	0.07	0.03	0.08	0.09	0.07					0.00
11					0.00	0.09	0.09	0.18	0.11	0.12	0.09				0.02
12	0.31	0.26	0.37	0.30	0.31	0.01	0.02			0.01	0.43	0.40	0.42	0.48	0.43
13	0.39	0.02	0.08	0.09	0.15			0.01		0.00	0.02	0.01			0.01
14		0.01	0.01	0.01	0.01	1.76	2.03	3.72	2.41	2.48					0.00
15	0.57	0.29	0.50	0.56	0.48	0.86	1.18	2.05	1.43	1.38					0.00
16	0.80	0.48	0.76	0.65	0.67	0.06	0.06	0.25	0.08	0.11					0.00
17	0.12	0.14	0.19	0.13	0.15	0.01	0.01			0.01					0.00
18	0.22	0.13	0.58	0.59	0.38	0.15	0.07	0.24	0.21	0.17					0.00
19			0.01	0.01	0.01		0.01	0.07		0.02					0.00
20	0.01				0.00		0.01			0.00					0.00
21					0.00	0.13	0.11	0.16	0.30	0.18	0.22	0.15	0.23	0.29	0.22
22					0.00	0.20	0.18	0.38	0.35	0.28	0.03	0.11	0.03	0.01	0.05
23					0.00	0.01				0.00	0.01	0.01			0.01
24					0.00					0.00					0.00
25					0.00					0.00					0.00
26					0.00					0.00		0.01			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	2.92	1.73	2.98	3.20		5.43	6.39	10.64	7.38		1.52	1.39	1.99	1.62	
Total	5.51	4.04	7.01	6.98		10.94	10.43	17.65	14.36		12.46	11.82	19.64	15.98	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2018-2019 (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					0.00	0.01	0.02	0.01		0.01					0.00
2					0.00					0.00					0.00
3		0.01	0.01		0.01					0.00					0.00
4					0.00	0.01				0.00					0.00
5		0.01	0.02		0.01					0.00					0.00
6					0.00	0.02		0.05		0.02					0.00
7					0.00		0.05	0.01		0.02					0.00
8					0.00					0.00					0.00
9					0.00					0.00					0.00
10					0.00					0.00					0.00
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					0.00					0.00
16					0.00	0.02		0.02	0.05	0.02					0.00
17		0.09			0.02	0.06	0.02	0.19	0.05	0.08					0.00
18					0.00					0.00					0.00
19					0.00	0.09	0.17	0.17	0.11	0.14					0.00
20					0.00	0.12	0.14	0.35	0.23	0.21					0.00
21					0.00		0.02	0.01	0.01	0.01					0.00
22					0.00					0.00					0.00
23					0.00	0.16	0.38	0.22	0.23	0.25					0.00
24					0.00		0.01	0.02		0.01					0.00
25					0.00				0.01	0.00					0.00
26					0.00					0.00					0.00
27					0.00	0.06	0.10	0.19	0.08	0.11					0.00
28					0.00	0.01		0.01	0.01	0.01					0.00
29	0.03	0.01	0.06	0.02	0.03					0.00					0.00
30		0.11	0.15	0.09	0.09					0.00					0.00
31					0.00					0.00					0.00
Sum	0.03	0.23	0.24	0.11		0.56	0.91	1.25	0.78		0.00	0.00	0.00	0.00	
Total	12.49	12.05	19.88	16.09		13.05	12.96	21.13	16.87		13.05	12.96	21.13	16.87	

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

Rainfall Summary

Santa Margarita Watershed - July 1997 to June 2019

Annual Rainfall (inches)				
Year *	Murrieta Crk	Skinner Lake	Temecula	Wildomar
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
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

Percent(%) of Normal = Current Year / Average Year						
Year *	Murrieta Crk	Skinner Lake	Temecula	Wildomar	Mean(4)	Result
1997	78%	91%	88%	73%	82%	dry
1998	197%	210%	206%	204%	204%	very wet
1999	41%	59%	53%	45%	50%	dry
2000	69%	63%	53%	60%	61%	dry
2001	84%	82%	65%	91%	80%	dry
2002	27%	26%	24%	22%	25%	very dry
2003	129%	117%	103%	130%	120%	wet
2004	65%	59%	50%	58%	58%	dry
2005	249%	214%	217%	248%	232%	very wet
2006	51%	65%	63%	60%	60%	dry
2007	19%	21%	22%	19%	20%	very dry
2008	82%	109%	106%	110%	102%	normal
2009	66%	71%	68%	92%	74%	dry
2010	103%	94%	95%	147%	110%	normal
2011	115%	133%	162%	193%	151%	very wet
2012	56%	59%	63%	72%	63%	dry
2013	43%	53%	47%	58%	50%	dry
2014	45%	40%	38%	72%	49%	very dry
2015	64%	68%	68%	87%	72%	dry
2016	48%	52%	61%	84%	61%	dry
2017	101%	94%	124%	111%	108%	normal
2018	28%	36%	40%	37%	35%	very dry
2019	93%	109%	136%	121%	115%	normal

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Murrieta Cr	128	14.00	52	7S/3W-18
Skinner Lake	205	11.85	57	7S/2W-10
Temecula	217	15.52	65	8S/3W-12
Wildomar	246	13.95	110	7S/4W-2