

Rainfall Summary

Whitewater River Watershed - July 1996 to June 2017

Annual Rainfall (inches)				
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City
1997	12.98	2.80	1.09	1.12
1998	27.76	10.79	8.67	5.03
1999	13.28	1.06	0.46	0.49
2000	17.12	3.48	3.24	1.83
2001	14.43	5.20	5.99	2.81
2002	6.02	0.70	0.74	0.55
2003	12.56	4.15	3.98	3.09
2004	8.69	4.23	4.34	2.87
2005	23.32	12.20	14.82	9.45
2006	11.77	3.61	5.75	3.21
2007	2.88	0.12	0.12	0.48
2008	13.76	5.25	5.15	4.27
2009	7.96	6.91	4.13	4.30
2010	14.71	7.88	7.61	5.70
2011	18.09	7.97	8.28	4.62
2012	10.50	2.67	1.79	1.25
2013	6.73	2.97	2.68	1.73
2014	7.67	3.25	0.97	1.11
2015	11.16	3.36	2.89	2.01
2016	9.75	4.11	3.96	2.78
2017	14.29	8.39	8.42	6.94

Percent(%) of Normal = Current Year / Average Year						
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City	Mean(4)	Result
1997	82%	47%	20%	27%	44%	very dry
1998	176%	182%	158%	122%	160%	very wet
1999	84%	18%	8%	12%	31%	very dry
2000	109%	59%	59%	44%	68%	dry
2001	92%	88%	109%	68%	89%	normal
2002	38%	12%	13%	13%	19%	very dry
2003	80%	70%	73%	75%	74%	dry
2004	55%	71%	79%	70%	69%	dry
2005	148%	206%	270%	229%	213%	very wet
2006	75%	61%	105%	78%	80%	dry
2007	18%	2%	2%	12%	9%	very dry
2008	87%	89%	94%	104%	93%	normal
2009	50%	117%	75%	104%	87%	normal
2010	93%	133%	139%	138%	126%	wet
2011	115%	135%	151%	112%	128%	wet
2012	67%	45%	33%	30%	44%	very dry
2013	43%	50%	49%	42%	46%	very dry
2014	49%	55%	18%	27%	37%	very dry
2015	71%	57%	53%	49%	57%	dry
2016	62%	69%	72%	67%	68%	dry
2017	91%	142%	153%	168%	139%	wet

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Banning	012	15.77	108	3S/1E-14
PalmSprgs	142	5.92	81	4S/4E-15
DesertHotSpr	057	5.49	53	2S/4E-25
Cath City	034	4.13	63	4S/5E-33

Daily Rainfall for Fiscal Year 2016-2017 (inches) **

Whitewater River Watershed

Day	Jul					Aug					Sep				
	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	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					0.00					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					0.00					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	0.03	0.89			0.23
21					0.00					0.00	0.11	0.06	0.73	0.67	0.39
22					0.00					0.00			0.05	0.05	0.03
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	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00		0.14	0.95	0.78	0.72	
Total	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00		0.14	0.95	0.78	0.72	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2016-2017 (inches) **

Whitewater River Watershed

Day	Oct					Nov					Dec				
	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave
1					0.00	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					0.00					0.00
7					0.00					0.00					0.00
8					0.00					0.00					0.00
9					0.00					0.00					0.00
10					0.00					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		0.07			0.02
16					0.00					0.00	0.50		0.03	0.01	0.14
17					0.00					0.00	0.34	0.11	0.02	0.01	0.12
18					0.00					0.00					0.00
19					0.00					0.00					0.00
20					0.00		0.11			0.03					0.00
21					0.00	0.31		0.10	0.06	0.12		0.42			0.11
22					0.00	0.02				0.01	0.74	0.22	0.85	1.00	0.70
23					0.00	0.01				0.00	0.34	0.22	0.24	0.31	0.28
24	0.10		0.02		0.03					0.00	1.02		0.33	0.05	0.35
25	0.34	0.10	0.35	0.10	0.22					0.00			0.01		0.00
26				0.01	0.00		0.06			0.02					0.00
27					0.00	0.46		0.02	0.03	0.13					0.00
28					0.00	0.28		0.06		0.09					0.00
29					0.00	0.01				0.00					0.00
30					0.00					0.00		0.01			0.00
31	0.06				0.02					0.00	0.11	0.14		0.01	0.07
Sum	0.50	0.10	0.37	0.11		1.10	0.17	0.18	0.09		3.05	1.19	1.48	1.39	
Total	0.64	1.05	1.15	0.83		1.74	1.22	1.33	0.92		4.79	2.41	2.81	2.31	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2016-2017 (inches) **

Whitewater River Watershed

Day	Jan					Feb					Mar				
	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave
1	0.66		0.20	0.13	0.25					0.00			0.01		0.00
2			0.01	0.01	0.01					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	0.02				0.01					0.00	0.08				0.02
7	0.01				0.00	0.02				0.01					0.00
8					0.00	0.05				0.01					0.00
9	0.30	0.23	0.07		0.15					0.00					0.00
10	0.06		0.10	0.07	0.06					0.00					0.00
11	0.02				0.01					0.00					0.00
12	0.03				0.01	0.02				0.01					0.00
13	1.04	0.40	0.27	0.24	0.49					0.00					0.00
14	0.06	0.28	0.32	0.28	0.24					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		0.12			0.03	0.76	0.43	0.98	0.59	0.69					0.00
19	0.49	0.21	0.15	0.02	0.22	0.08		0.09	0.01	0.05					0.00
20	0.38		0.28	0.14	0.20	0.01		0.01	0.01	0.01					0.00
21	1.48		0.84	0.53	0.71					0.00					0.00
22	0.02	0.90		0.01	0.23					0.00	0.02				0.01
23	1.80	2.00	1.13	1.05	1.50					0.00	0.13				0.03
24	0.67	0.16	0.13	0.07	0.26					0.00					0.00
25			0.01	0.01	0.01					0.00					0.00
26					0.00	0.17				0.04					0.00
27					0.00	0.08	1.25			0.33					0.00
28					0.00	0.91		1.01	1.44	0.84					0.00
29					0.00					0.00					0.00
30					0.00					0.00					0.00
31					0.00					0.00					0.00
Sum	7.04	4.30	3.51	2.56		2.10	1.68	2.09	2.05		0.23	0.00	0.01	0.00	
Total	11.83	6.71	6.32	4.87		13.93	8.39	8.41	6.92		14.16	8.39	8.42	6.92	

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

Daily Rainfall for Fiscal Year 2016-2017 (inches) **

Whitewater River Watershed

Day	Apr					May					Jun				
	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	Ave	Banning	Palm Sprg	Desert HS	Cath City	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	0.13				0.03					0.00
8					0.00				0.01	0.00					0.00
9					0.00				0.01	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					0.00					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	0.00	0.00	0.00	0.00		0.13	0.00	0.00	0.02		0.00	0.00	0.00	0.00	
Total	14.16	8.39	8.42	6.92		14.29	8.39	8.42	6.94		14.29	8.39	8.42	6.94	

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