

Rainfall Summary

Whitewater River Watershed - July 1995 to June 2016

Annual Rainfall (inches)				
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City
1996	11.07	1.34	0.62	1.23
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

Percent(%) of Normal = Current Year / Average Year						
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City	Mean(4)	Result
1996	70%	23%	11%	30%	33%	very dry
1997	82%	47%	20%	27%	44%	very dry
1998	174%	183%	159%	123%	160%	very wet
1999	83%	18%	8%	12%	30%	very dry
2000	108%	59%	59%	45%	68%	dry
2001	91%	88%	110%	69%	89%	normal
2002	38%	12%	14%	13%	19%	very dry
2003	79%	70%	73%	76%	74%	dry
2004	55%	72%	80%	70%	69%	dry
2005	146%	207%	272%	232%	214%	very wet
2006	74%	61%	105%	79%	80%	dry
2007	18%	2%	2%	12%	9%	very dry
2008	86%	89%	94%	105%	94%	normal
2009	50%	117%	76%	105%	87%	normal
2010	92%	133%	140%	140%	126%	wet
2011	114%	135%	152%	113%	128%	wet
2012	66%	45%	33%	31%	44%	very dry
2013	42%	50%	49%	42%	46%	very dry
2014	48%	55%	18%	27%	37%	very dry
2015	70%	57%	53%	49%	57%	dry
2016	61%	70%	73%	68%	68%	dry

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Banning	012	15.92	107	3S/1E-14
PalmSprgs	142	5.91	80	4S/4E-15
DesertHotSpr	057	5.45	52	2S/4E-25
Cath City	034	4.08	62	4S/5E-33

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (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			0.01		0.00					0.00					0.00
2			0.03		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					0.00					0.00					0.00
7					0.00					0.00					0.00
8					0.00					0.00					0.00
9					0.00					0.00	0.25				0.06
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	0.77	0.19	0.33	0.06	0.34
17					0.00					0.00					0.00
18	0.29				0.07					0.00					0.00
19	0.63	0.45	0.30	0.31	0.42					0.00					0.00
20	0.44	0.17	0.13	0.09	0.21					0.00					0.00
21			0.01		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	0.02				0.01					0.00					0.00
31	0.17			0.05	0.06					0.00					0.00
Sum	1.55	0.62	0.48	0.45		0.00	0.00	0.00	0.00		1.02	0.19	0.33	0.06	
Total	1.55	0.62	0.48	0.45		1.55	0.62	0.48	0.45		2.57	0.81	0.81	0.51	

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

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Daily Rainfall for Fiscal Year 2015-2016 (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					0.00					0.00
2					0.00					0.00					0.00
3					0.00	0.17				0.04					0.00
4					0.00	0.12				0.03					0.00
5	0.09				0.02					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	0.02				0.01
12					0.00					0.00	0.26		0.12	0.02	0.10
13					0.00					0.00					0.00
14					0.00					0.00	0.22		0.01		0.06
15	0.02	0.02			0.01		0.02			0.01					0.00
16	0.03	0.10	0.22	0.13	0.12			0.02		0.01					0.00
17		0.07	0.01	0.02	0.03					0.00					0.00
18				0.01	0.00					0.00					0.00
19					0.00					0.00		0.07			0.02
20					0.00					0.00	0.09		0.06		0.04
21					0.00					0.00					0.00
22					0.00					0.00	0.12				0.03
23					0.00					0.00	0.28				0.07
24					0.00					0.00					0.00
25					0.00	0.08				0.02	0.01				0.00
26					0.00	0.07				0.02					0.00
27					0.00					0.00	0.01				0.00
28					0.00					0.00					0.00
29					0.00					0.00	0.03		0.11		0.04
30					0.00					0.00	0.01				0.00
31					0.00					0.00					0.00
Sum	0.14	0.19	0.23	0.16		0.44	0.02	0.02	0.00		1.05	0.07	0.30	0.02	
Total	2.71	1.00	1.04	0.67		3.15	1.02	1.06	0.67		4.20	1.09	1.36	0.69	

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

Daily Rainfall for Fiscal Year 2015-2016 (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					0.00	0.24		0.20	0.04	0.12					0.00
2					0.00				0.01	0.00					0.00
3					0.00					0.00					0.00
4					0.00					0.00					0.00
5	0.01	1.16			0.29					0.00					0.00
6	1.43	1.36	1.03	0.88	1.18					0.00	0.03				0.01
7	1.64		0.90	1.02	0.89					0.00	0.16				0.04
8	0.05		0.01		0.02					0.00	0.25		0.06		0.08
9				0.01	0.00					0.00	0.01				0.00
10					0.00					0.00					0.00
11					0.00					0.00					0.00
12					0.00					0.00	0.23		0.15		0.10
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	0.17				0.04					0.00
19					0.00	0.01				0.00					0.00
20	0.02				0.01					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	0.03				0.01
30					0.00					0.00	0.09				0.02
31	0.01	0.28			0.07					0.00	0.03				0.01
Sum	3.16	2.80	1.94	1.91		0.42	0.00	0.20	0.05		0.83	0.00	0.21	0.00	
Total	7.36	3.89	3.30	2.60		7.78	3.89	3.50	2.65		8.61	3.89	3.71	2.65	

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

Daily Rainfall for Fiscal Year 2015-2016 (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	0.01				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	0.31	0.10	0.18	0.11	0.18	0.01				0.00					0.00
9	0.02	0.10	0.02	0.01	0.04					0.00					0.00
10	0.13			0.01	0.04					0.00					0.00
11	0.03				0.01					0.00					0.00
12	0.05				0.01					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	0.35				0.09					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	0.09	0.02	0.05		0.04					0.00					0.00
27	0.01				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	0.65	0.22	0.25	0.13		0.49	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
Total	9.26	4.11	3.96	2.78		9.75	4.11	3.96	2.78		9.75	4.11	3.96	2.78	

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