

Rainfall Summary

Whitewater River Watershed - July 1998 to June 2018

Annual Rainfall (inches)				
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City
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
2018	6.15	4.29	2.58	2.39

Percent(%) of Normal = Current Year / Average Year						
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City	Mean(4)	Result
1998	171%	182%	172%	121%	161%	very wet
1999	82%	18%	9%	12%	30%	very dry
2000	105%	59%	64%	44%	68%	dry
2001	89%	88%	119%	67%	91%	normal
2002	37%	12%	15%	13%	19%	very dry
2003	77%	70%	79%	74%	75%	dry
2004	54%	71%	86%	69%	70%	dry
2005	144%	206%	294%	226%	218%	very wet
2006	72%	61%	114%	77%	81%	dry
2007	18%	2%	2%	11%	8%	very dry
2008	85%	89%	102%	102%	94%	normal
2009	49%	117%	82%	103%	88%	normal
2010	91%	133%	151%	137%	128%	wet
2011	111%	135%	164%	111%	130%	wet
2012	65%	45%	36%	30%	44%	very dry
2013	41%	50%	53%	41%	47%	very dry
2014	47%	55%	19%	27%	37%	very dry
2015	69%	57%	57%	48%	58%	dry
2016	60%	69%	79%	67%	69%	dry
2017	88%	142%	167%	166%	141%	very wet
2018	38%	72%	51%	57%	55%	dry

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Banning	012	16.24	104	3S/1E-14

Daily Rainfall for Fiscal Year 2017-2018 (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		0.20	0.02	0.01	0.06	0.01				0.00
2					0.00					0.00					0.00
3					0.00	0.11	0.70	0.31	0.54	0.42					0.00
4					0.00	0.26			0.01	0.07					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	0.15		0.14		0.07
9					0.00					0.00	0.82	0.17	0.17		0.29
10					0.00					0.00		0.04	0.02		0.02
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		0.37	0.90	0.33	0.56		0.01	0.97	0.21	0.33	
Total	0.00	0.00	0.00	0.00		0.37	0.90	0.33	0.56		0.38	1.87	0.54	0.89	

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

Daily Rainfall for Fiscal Year 2017-2018 (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					0.00					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	0.05				0.01					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		0.05	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
Total	0.38	1.87	0.54	0.89		0.43	1.87	0.54	0.89		0.43	1.87	0.54	0.89	

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

Daily Rainfall for Fiscal Year 2017-2018 (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					0.00					0.00
2					0.00					0.00					0.00
3					0.00					0.00	0.05				0.01
4					0.00					0.00	0.09				0.02
5					0.00					0.00	0.01				0.00
6					0.00					0.00					0.00
7					0.00					0.00					0.00
8					0.00					0.00					0.00
9	2.05	1.89	1.53	1.29	1.69					0.00					0.00
10	1.21	0.16	0.19	0.06	0.41					0.00		0.11			0.03
11	0.01				0.00					0.00	0.54		0.13	0.05	0.18
12					0.00					0.00	0.01		0.01		0.01
13					0.00					0.00	0.21				0.05
14					0.00					0.00	0.35				0.09
15					0.00					0.00	0.01	0.15	0.04	0.10	0.08
16					0.00					0.00	0.04				0.01
17					0.00					0.00	0.02				0.01
18					0.00					0.00					0.00
19					0.00					0.00					0.00
20	0.12		0.03		0.04	0.03				0.01					0.00
21			0.01		0.00	0.01				0.00					0.00
22					0.00					0.00		0.11			0.03
23					0.00					0.00	0.48		0.07		0.14
24					0.00					0.00	0.01				0.00
25					0.00					0.00					0.00
26					0.00			0.01		0.00					0.00
27					0.00	0.38		0.01		0.10					0.00
28					0.00	0.01				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	3.39	2.05	1.76	1.35		0.43	0.00	0.02	0.00		1.82	0.37	0.25	0.15	
Total	3.82	3.92	2.30	2.24		4.25	3.92	2.32	2.24		6.07	4.29	2.57	2.39	

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

Daily Rainfall for Fiscal Year 2017-2018 (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	0.07				0.02					0.00
3					0.00			0.01		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	0.01				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	0.01	0.00	0.00	0.00		0.07	0.00	0.01	0.00		0.00	0.00	0.00	0.00	
Total	6.08	4.29	2.57	2.39		6.15	4.29	2.58	2.39		6.15	4.29	2.58	2.39	

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