

Rainfall Summary

Whitewater River Watershed - July 2003 to June 2023

Annual Rainfall (inches)				
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City
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
2019	18.99	12.01	7.92	7.96
2020	15.18	5.76	5.59	5.15
2021	5.51	1.18	0.95	0.78
2022	6.73	3.89	3.56	2.25
2023	18.98	4.70	5.08	3.34

Percent(%) of Normal = Current Year / Average Year						
Year *	Banning	PalmSprgs	DesertHotSpr	Cath City	Mean(4)	Result
2003	78%	70%	79%	74%	76%	dry
2004	54%	72%	87%	69%	70%	dry
2005	145%	207%	296%	228%	219%	very wet
2006	73%	61%	115%	77%	82%	dry
2007	18%	2%	2%	12%	8%	very dry
2008	85%	89%	103%	103%	95%	normal
2009	49%	117%	82%	104%	88%	normal
2010	91%	134%	152%	137%	129%	wet
2011	112%	135%	165%	111%	131%	wet
2012	65%	45%	36%	30%	44%	very dry
2013	42%	50%	53%	42%	47%	very dry
2014	48%	55%	19%	27%	37%	very dry
2015	69%	57%	58%	48%	58%	dry
2016	61%	70%	79%	67%	69%	dry
2017	89%	142%	168%	167%	142%	very wet
2018	38%	73%	51%	58%	55%	dry
2019	118%	204%	158%	192%	168%	very wet
2020	94%	98%	112%	124%	107%	normal
2021	34%	20%	19%	19%	23%	very dry
2022	42%	66%	71%	54%	58%	dry
2023	118%	80%	101%	80%	95%	normal

* Fiscal Year = July 01 thru June 30

Station Information				
Name	ID No	Avg	Years	Location
Banning	012	16.10	109	3S/1E-14
PalmSprgs	142	5.89	87	4S/4E-15
DesertHotSpr	057	5.01	66	2S/4E-25
Cath City	034	4.15	75	4S/5E-33