

# Arizona Climate Data

## Inches of Average Monthly Rainfall for Arizona Cities and Towns (Precipitation Normal for Period 1971–2000, National Weather Service)

	Bullhead City	Casa Grande	Chandler	Douglas	Flagstaff	Gila Bend	Holbrook	Kingman
Jan	0.95	0.77	1.10	0.75	2.18	0.62	0.71	1.23
Feb	0.99	0.83	0.99	0.64	2.56	0.87	0.66	1.10
Mar	0.93	0.99	0.94	0.46	2.62	0.72	0.72	1.31
Apr	0.17	0.28	0.32	0.20	1.29	0.20	0.37	0.47
May	0.08	0.19	0.17	0.33	0.80	0.15	0.38	0.31
June	0.01	0.10	0.15	0.63	0.43	0.04	0.20	0.19
July	0.29	0.80	0.50	3.14	2.40	0.76	1.17	0.98
Aug	0.68	1.97	0.62	2.88	2.89	1.20	1.51	1.41
Sep	0.44	0.82	0.53	1.63	2.12	0.53	1.18	0.66
Oct	0.37	0.77	0.84	1.30	1.93	0.52	1.07	0.81
Nov	0.41	0.74	0.67	0.74	1.86	0.56	0.66	0.71
Dec	0.52	0.96	0.76	1.06	1.83	0.84	0.57	0.82
Annual	5.84	9.22	7.59	13.76	22.91	7.01	9.20	10.00

## Inches of Average Monthly Rainfall for Arizona Cities and Towns (Precipitation Normal for Period 1971–2000, National Weather Service)

	Marana	Mesa	Nogales	Page	Parker	Payson	Phoenix	Pinetop
Jan	1.09	1.01	1.31	0.61	0.87	2.33	0.83	2.00
Feb	1.25	0.99	1.09	0.48	0.70	2.34	0.77	1.90
Mar	0.79	1.19	1.00	0.66	0.65	2.68	1.07	1.63
Apr	0.46	0.33	0.49	0.50	0.17	1.15	0.25	0.88
May	0.17	0.17	0.32	0.40	0.09	0.66	0.16	0.83
June	0.14	0.06	0.54	0.14	0.02	0.37	0.09	0.72
July	1.38	0.89	4.27	0.58	0.27	2.42	0.99	2.82
Aug	2.17	1.14	4.24	0.69	0.61	2.97	0.94	3.72
Sep	0.55	0.89	1.68	0.66	0.57	1.81	0.75	2.59
Oct	0.73	0.81	1.84	0.99	0.32	1.89	0.79	1.84
Nov	0.44	0.77	0.78	0.56	0.33	1.70	0.73	1.74
Dec	1.15	0.98	1.47	0.48	0.57	1.75	0.92	1.93
Annual	10.31	9.23	19.03	6.75	5.17	22.07	8.29	22.6

**Inches of Average Monthly Rainfall for Arizona Cities and Towns**  
(Precipitation Normal for Period 1971–2000, National Weather Service)

	Prescott	Safford	Scottsdale	Sierra Vista	Springerville	Tempe	Tuba City	Tucson
Jan	1.58	0.74	1.01	1.19	0.50	1.01	0.55	0.99
Feb	1.87	0.78	1.06	0.65	0.50	1.04	0.52	0.88
Mar	1.91	0.61	0.96	0.44	0.49	1.15	0.59	0.81
Apr	0.76	0.22	0.35	0.36	0.27	0.25	0.27	0.28
May	0.64	0.27	0.17	0.26	0.45	0.21	0.32	0.24
June	0.40	0.31	0.11	0.38	0.53	0.07	0.17	0.24
July	2.87	1.45	0.99	3.01	2.52	0.89	0.66	2.07
Aug	3.28	1.72	1.05	3.85	3.11	1.20	0.69	2.30
Sep	2.07	1.12	0.87	1.29	1.49	0.86	0.98	1.45
Oct	1.28	1.10	0.97	1.16	1.08	0.85	0.85	1.21
Nov	1.25	0.56	0.88	0.45	0.57	0.80	0.43	0.67
Dec	1.28	0.91	0.99	0.98	0.48	1.03	0.32	1.03
Annual	19.19	9.79	9.41	14.02	11.99	9.36	6.35	12.17

**Inches of Average Monthly Rainfall for Arizona Cities and Towns**  
(Precipitation Normal for Period 1971–2000, National Weather Service)

	Willcox	Williams	Yuma
Jan	1.11	2.08	0.38
Feb	0.95	2.37	0.28
Mar	0.68	2.32	0.27
Apr	0.25	1.00	0.09
May	0.35	0.80	0.05
June	0.40	0.48	0.02
July	2.36	2.54	0.23
Aug	2.59	3.01	0.61
Sep	1.27	1.73	0.26
Oct	1.36	1.77	0.26
Nov	0.73	1.75	0.14
Dec	1.30	1.52	0.42
Annual	13.35	21.37	3.01

**Inches of Average Monthly Evapotranspiration for Arizona Cities and Towns**  
 (Etos (Standardized Ref. Evapotranspiration); Yuma, Bullhead, Tucson, Phoenix computed by AZMET; Nogales, Prescott, Kingman, Williams, Payson estimated using Yitayew\*; Flagstaff computed from local weather data.)

	Bullhead City	Casa Grande	Chandler	Douglas	Flagstaff	Gila Bend	Holbrook	Kingman
Jan	2.92	2.31	2.38	3.16	1.61	2.66	1.48	2.82
Feb	3.48	3.16	2.87	3.58	1.74	3.26	2.15	3.37
Mar	5.68	5.17	4.66	5.07	2.85	4.75	3.27	4.40
Apr	7.56	7.24	6.38	6.68	4.24	6.99	4.83	6.03
May	9.78	9.55	8.71	8.67	5.79	9.24	6.87	7.87
June	9.97	10.28	9.39	9.72	7.09	10.18	8.09	9.40
July	9.24	10.00	9.02	8.10	6.46	9.78	8.10	9.56
Aug	8.35	8.75	8.28	7.31	5.63	8.76	7.20	8.44
Sep	6.63	7.00	6.60	6.58	4.64	6.95	5.81	6.89
Oct	5.33	5.18	4.59	5.41	3.21	5.40	4.06	4.96
Nov	3.67	3.00	2.75	3.64	2.13	3.36	2.34	3.53
Dec	3.30	2.14	2.24	2.82	1.74	2.48	1.48	2.48
Annual	75.91	73.78	67.87	70.74	47.13	73.81	55.69	69.74

**Inches of Average Monthly Evapotranspiration for Arizona Cities and Towns**  
 (Etos (Standardized Ref. Evapotranspiration); Yuma, Bullhead, Tucson, Phoenix computed by AZMET; Nogales, Prescott, Kingman, Williams, Payson estimated using Yitayew\*; Flagstaff computed from local weather data.)

	Marana	Mesa	Nogales	Page	Parker	Payson	Phoenix	Pinetop
Jan	3.16	2.38	3.16	1.58	2.83	2.04	2.38	1.58
Feb	3.72	2.87	3.68	2.25	3.51	2.35	2.87	1.95
Mar	5.70	4.66	4.62	3.73	5.69	3.16	4.66	2.82
Apr	7.44	6.38	6.25	5.81	8.07	4.73	6.38	4.19
May	9.72	8.71	8.10	8.10	10.34	6.64	8.71	5.63
June	10.59	9.39	9.07	9.72	11.12	8.21	9.39	6.47
July	9.53	9.02	7.98	9.45	10.85	7.87	9.02	6.08
Aug	8.26	8.28	7.31	8.44	9.59	6.53	8.28	5.07
Sep	7.28	6.60	6.47	6.58	7.70	5.70	6.60	4.40
Oct	5.94	4.59	5.30	4.51	5.81	3.95	4.59	3.61
Nov	3.97	2.75	3.53	2.45	3.64	2.66	2.75	2.34
Dec	2.79	2.24	2.71	1.48	2.26	1.92	2.24	1.47
Annual	78.10	67.87	68.19	64.10	81.41	55.77	67.87	45.59

**Inches of Average Monthly Evapotranspiration for Arizona Cities and Towns**  
(Etos (Standardized Ref. Evapotranspiration); Yuma, Bullhead, Tucson, Phoenix computed by AZMET; Nogales, Prescott, Kingman, Williams, Payson estimated using Yitayew\*; Flagstaff computed from local weather data.)

	Prescott	Safford	Scottsdale	Sierra Vista	Springerville	Tempe	Tuba City	Tucson
Jan	1.89	2.69	2.38	2.80	1.48	2.38	1.36	2.52
Feb	2.86	3.41	2.87	3.21	1.95	2.87	1.95	3.19
Mar	3.73	5.48	4.66	4.60	2.82	4.66	3.27	5.07
Apr	5.38	7.52	6.38	6.21	4.07	6.38	4.62	6.82
May	6.08	9.63	8.71	7.97	5.29	8.71	6.98	8.61
June	9.07	10.31	9.39	9.04	6.46	9.39	8.42	9.59
July	8.67	9.18	9.02	7.74	6.08	9.02	8.10	8.95
Aug	6.98	7.42	8.28	7.07	5.52	8.28	7.31	7.75
Sep	6.68	6.35	6.60	6.21	4.40	6.60	6.03	6.68
Oct	4.51	6.08	4.59	4.37	3.61	4.59	4.06	4.96
Nov	2.99	3.24	2.75	3.17	2.01	2.75	2.23	3.02
Dec	2.15	2.38	2.24	2.58	1.36	2.24	1.25	2.16
Annual	60.99	73.69	67.87	64.97	45.07	67.87	55.58	69.32

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(Etos (Standardized Ref. Evapotranspiration); Yuma, Bullhead, Tucson, Phoenix computed by AZMET; Nogales, Prescott, Kingman, Williams, Payson estimated using Yitayew\*; Flagstaff computed from local weather data.)

	Willcox	Williams	Yuma
Jan	2.45	1.36	3.27
Feb	3.04	1.65	3.79
Mar	4.96	2.82	5.67
Apr	6.66	4.07	7.24
May	8.26	5.3	9.16
June	9.23	7.12	10.21
July	8.35	6.75	10.50
Aug	6.94	5.63	9.67
Sep	5.99	4.94	7.92
Oct	4.77	3.61	5.87
Nov	3.09	2.00	3.80
Dec	2.19	1.70	3.10
Annual	65.93	46.96	80.20

\*Yitayew, M. 1990. Reference Evapotranspiration Estimates for Arizona. Tech. I Bull. 266. Agr.Exp.Stn.Col. of Agr. Univ. of Arizona.