

December & Annual Summary for 2009, Revised NOAA Report for Pine Home Station

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	RAIN inches	HIGH WIND SPEED mph	TIME	DOM DIR
1	40.8	56.5	12:30p	27.8	11:45p	0	16	1:00p	ENE
2	36.1	52.6	1:15p	25.1	6:15a	0	11	1:30p	ENE
3	34	49.7	12:45p	23.1	7:00a	0	24	9:30p	NE
4	29.8	44.2	2:00p	16.2	8:15a	0	22	2:00a	WSW
5	30	42.7	1:15p	18	6:15a	0	9	10:45a	SSW
6	32.9	40.1	2:00p	22.9	4:00a	0.01	14	3:15p	SSW
7	34.8	37.8	10:45p	32.5	5:15p	2.01	38	11:45p	SSW
8	28.2	35.1	1:15p	16.6	12:00m	0.49	29	12:30a	SW
9	26.1	39.6	2:45p	15.4	1:45a	0.36	6	12:45p	SSW
10	27	42.1	1:00p	15.5	2:45a	0.11	9	12:15p	SSW
11	33.8	47.3	2:15p	22.6	3:15a	0.01	7	1:00p	SSW
12	37.1	42.5	2:15p	33.2	12:15a	0.1	6	3:00p	SSW
13	37	43.2	12:30p	29.4	11:45p	0.22	15	12:30p	SSW
14	37.3	48.9	3:15p	27.7	7:15a	0.02	15	8:15p	NE
15	39	56	2:30p	28.2	6:45a	0	13	3:45a	NE
16	43.8	56.1	1:30p	32.9	11:45p	0	13	7:15a	SSW
17	43.4	60.4	1:30p	29.3	6:15a	0	9	9:15p	NE
18	46.3	59.6	2:00p	34.4	7:30a	0	18	9:45p	N
19	42.6	53.3	1:00p	29.1	10:15p	0	22	2:30a	N
20	38.7	55.3	12:45p	28.4	8:00a	0	11	12:15p	SSW
21	39.6	52.4	12:00p	30.3	5:30a	0	5	11:15a	E
22	34	41.1	10:45a	28.6	12:00m	0.02	10	11:15a	SSW
23	31.2	39.6	2:30p	26.6	10:00p	0.49	10	3:15p	NE
24	29.6	42.9	2:00p	19.5	12:00m	0.19	11	9:15a	N
25	30.1	44.7	2:15p	18.1	4:15a	0.04	13	9:30p	N
26	30.4	41.8	2:30p	22.6	11:45p	0	19	7:15a	N
27	30.1	45.6	2:30p	18.9	7:30a	0	6	1:45p	NE
28	37.5	44.8	1:15p	26.5	1:00a	0	18	11:30a	E
29	35.9	42.1	12:00p	28.3	12:00m	0	15	1:15a	SSW
30	30.9	36.5	2:00p	24.4	7:15a	0	9	2:30p	SSW
31	31.8	44.6	2:15p	22.5	8:45a	0.02	11	1:15a	NE
Summary	34.8	60.4		15.4		4.09	38		SSW

Rim Monthly Precipitation, inches		Compare		
Pine Sta ▲	Rim Mean ■	Payson Mean ■	Payson Sta ◆	
Actual 09	3 Stations	NWS 1952-2007	Actual 09	
Jan	1.69	2.7	2.11	0.75
Feb	2.71	2.6	2.07	2.54
Mar	0.17	2.14	2.25	0.12
Apr	0.57	1.07	1.06	0.35
May	2.17	0.41	0.53	1.82
Jun	0.34	0.39	0.38	0.1
Jul	1.72	3.81	2.69	1.18
Aug	0.78	3.92	3.04	0.51
Sep	1.13	2.12	1.92	3.02
Oct	0.16	1.55	1.72	0.01
Nov	0.36	1.90	1.61	0.15
Dec	4.09	3.05	1.94	2.38
Total	15.89	25.64	21.31	12.93

provisional data

For 2009 at Pine Home Station (& I assume the Rim in general), May & December were well above average, but the year shows a 9.75" deficit from the mean. Our monsoon season (July & August) & Fall (Sep-Nov) were extremely dry. It is interesting to compare Pine Home Station (west of Milk Ranch Point) to Webber Creek (USGS station east of Milk Ranch Point) for December: the first snowstorm (begin Dec 6) delivered 3.33" **moisture** for Pine & 3.42" for Webber; second snowstorm (begin Dec 22) delivered 0.74" **moisture** for Pine & 0.55" for Webber. The small storm in the last days of Dec shows 0.02" for Pine & 0.04" for Webber. The total **moisture** for Pine's December was 4.09", compared to 4.01" for Webber. Moisture-wise, this has been a great December, & HAPPY NEW YEAR with the wish for a wet January, February & March.

