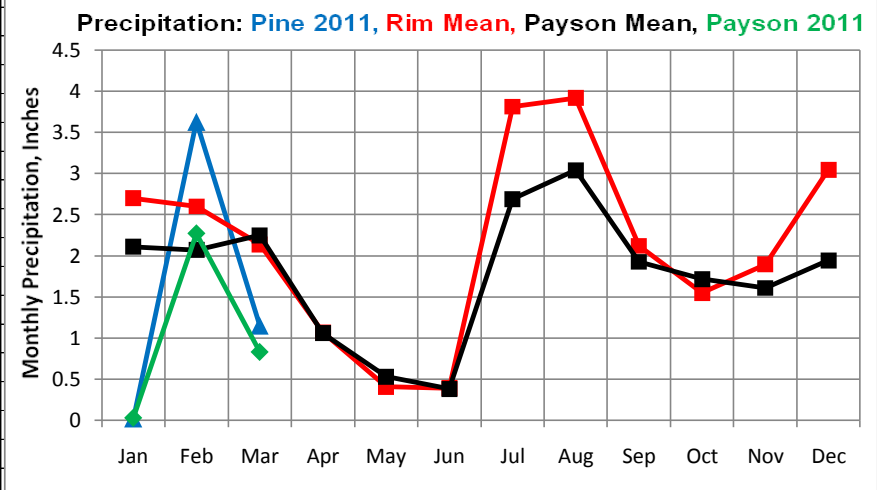


March & Annual Summary for 2011, Revised NOAA Report for Pine Home Station

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	RAIN inches	HIGH WIND SPEED mph	TIME	DOM DIR	Pine Sta Actual 2011	Rim Mean 3 Stations	Payson Mean NWS 1952-2007	Payson Sta Actual 2011
1	41.8	57.4	1:30p	29.4	7:30a	0	11	12:45p	SSW	0.02	2.7	2.11	0.03
2	44.3	62.1	1:30p	30.5	4:45a	0	10	3:15p	ENE	3.63	2.6	2.07	2.27
3	45.8	61.4	2:30p	32.6	7:15a	0	10	12:15p	ENE	1.15	2.14	2.25	0.83
4	46.8	58.4	2:00p	33.1	2:00a	0	24	9:00p	NE		1.07	1.06	
5	43.4	60.6	3:00p	27.6	7:00a	0	15	1:00a	SSW		0.41	0.53	
6	44.5	60.3	3:00p	32.1	6:30a	0	11	1:30p	SSW		0.39	0.38	
7	41.7	46.3	3:30p	36.3	2:00a	0.13	18	11:00a	SW		3.81	2.69	
8	42.7	57.2	3:15p	29.9	7:45a	0	15	4:45a	N		3.92	3.04	
9	49.4	66.3	3:15p	30.6	3:00a	0	10	5:30a	NE		2.12	1.92	
10	52.5	69.1	1:45p	38.6	12:00m	0	12	11:45a	NE		1.55	1.72	
11	49.1	68	2:00p	33.4	6:30a	0	12	3:00p	E		1.90	1.61	
12	48.5	65.1	2:45p	35.7	7:00a	0	18	11:45a	SW		3.05	1.94	
13	50	68.8	2:15p	35	5:15a	0	11	9:00a	E	Total	4.8	21.31	3.13
14	51.2	66.8	3:15p	37.7	6:45a	0	10	11:45a	SW				provisional data
15	52.4	69	2:30p	40.1	3:00a	0	11	3:45p	SW				
16	52.2	69.2	3:00p	38.8	6:30a	0	12	1:00p	SW				
17	53.1	69.4	3:00p	40.8	6:45a	0	17	1:15p	SSW				
18	50.5	65.3	1:30p	38.7	6:30a	0	13	12:45p	SSW				
19	45.6	59.6	12:30p	32.6	6:15a	0	16	1:00p	SSW				
20	46.9	57.1	12:00p	33.3	4:00a	0	14	11:45a	SSW				
21	39.6	50.8	12:15a	32.9	8:00p	0.82	26	7:30a	SSW				
22	35.7	47.5	2:00p	26.7	6:45a	0.19	12	1:00p	SSW				
23	40.3	57.7	3:00p	25.8	6:45a	0.01	14	12:45p	SSW				
24	42.5	54.3	1:30p	31.6	11:30p	0	15	12:15p	SW				
25	40.3	54.3	1:15p	28.7	5:30a	0	13	10:45a	SSW				
26	43.1	55.1	3:45p	31.5	1:15a	0	17	3:30p	SSW				
27	43.9	61.4	3:15p	28.6	6:45a	0	11	11:30a	SW				
28	47.3	63.4	3:30p	32.9	6:45a	0	10	9:45a	E				
29	50.9	66.8	2:15p	35.2	5:45a	0	10	1:00p	NE				
30	57.4	70.6	4:00p	45.8	7:30a	0	12	11:45a	N				
31	64.6	78.3	2:45p	48.2	3:45a	0	19	6:30a	NE				
Summary	47	78.3		25.8		1.15	26		SSW				



Generally, March was cold & dry, with Pine Home Station about an inch below normal & Payson 1.42" below normal. Note the storms came in from a SW-SSW direction. From December 1, 2010 through March 31, 2011, Pine Home Station had an accumulative moisture deficit of nearly 2.5 inches. If April through June are normal, we are facing a dry & hazardous fire season. I'm still looking for a stream gaging station that could be correlated to Pine Home Station precipitation (precipitation/runoff relation). There is a good stage (Pine Creek water level) recorder at Cedar Meadow Lane bridge in Pine, & I have attempted to acquire the data without success. I believe this gaging station was installed by the Pine Water Association Domestic Water Improvement District.

