

## Data Set 8: Forecast and Actual Temperatures

Temperatures are in degrees Fahrenheit and the precipitation amounts are in inches. All measurements were recorded near the author's home.



**STATDISK:** Data set name is Weather.  
**Minitab:** Worksheet name is WEATHER.MTW.  
**Excel:** Workbook name is WEATHER.XLS.  
**TI-83/84 Plus:** App name is WEATHER and the file names are the same as for text files.  
**Text file names:** ACTHI, ACTLO, PHI1, PLO1, PHI3, PLO3, PHI5, PLO5, PREC.

Date	Actual High	Actual Low	1 Day Predicted High	1 Day Predicted Low	3 Day Predicted High	3 Day Predicted Low	5 Day Predicted High	5 Day Predicted Low	Precip. (in.)
Sept. 1	80	54	78	52	79	52	80	56	0.00
Sept. 2	77	54	75	53	86	63	80	57	0.00
Sept. 3	81	55	81	55	79	59	79	59	0.00
Sept. 4	85	60	85	62	83	59	80	56	0.00
Sept. 5	73	64	76	53	80	63	79	64	0.00
Sept. 6	73	51	75	58	76	61	82	57	0.00
Sept. 7	80	59	79	66	80	63	76	61	0.00
Sept. 8	72	61	74	66	79	67	73	63	0.47
Sept. 9	83	68	75	66	76	66	77	59	1.59
Sept. 10	81	62	80	53	79	58	83	61	0.07
Sept. 11	75	53	75	51	78	58	77	58	0.01
Sept. 12	78	52	79	55	75	54	79	56	0.00
Sept. 13	80	56	80	53	74	48	74	50	0.01
Sept. 14	71	56	70	53	73	55	75	52	0.00
Sept. 15	73	54	72	60	73	59	76	54	0.00
Sept. 16	78	64	79	63	76	60	78	62	0.06
Sept. 17	75	62	75	60	76	56	76	58	0.01
Sept. 18	63	55	67	43	73	52	75	60	2.85
Sept. 19	63	48	64	43	75	53	77	55	0.00
Sept. 20	70	40	69	46	68	53	71	50	0.00
Sept. 21	77	47	77	50	77	51	74	54	0.00
Sept. 22	82	49	81	55	83	54	73	56	0.00
Sept. 23	81	53	81	51	78	57	75	53	0.01
Sept. 24	76	51	80	53	75	54	79	56	0.00
Sept. 25	77	54	78	54	77	51	74	53	0.00
Sept. 26	76	58	76	50	72	46	71	44	0.00
Sept. 27	74	48	76	60	74	56	70	45	0.01
Sept. 28	66	61	70	49	74	49	73	52	1.99
Sept. 29	66	57	69	41	68	41	72	48	0.67
Sept. 30	62	53	68	45	72	50	69	47	0.21
Oct. 1	71	51	75	49	72	49	70	47	0.02
Oct. 2	68	46	71	47	73	52	68	46	0.01
Oct. 3	66	44	68	42	66	43	67	46	0.05
Oct. 4	71	39	69	44	68	44	61	40	0.00
Oct. 5	58	43	56	29	62	38	64	42	0.00