What's the chance of rain?

These tables convert the probability of precipitation (PoP) provided by The Weather Channel
to the observed frequency of precipitation.

Warm Season (April - September)

Lead time (days)	Forecasted Probability of Precipitation (PoP)										
	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
1	0.02	0.04	0.11	0.26	0.45	0.53	0.65	0.76	0.80	0.93	0.83
2	0.03	0.06	0.13	0.26	0.44	0.50	0.64	0.74	0.71	0.82	-
3	0.04	0.08	0.12	0.28	0.47	0.59	0.50	0.80	-	-	-
4	0.05	0.09	0.15	0.26	0.45	0.59	0.35	0.93	-	-	-
5	0.05	0.10	0.15	0.27	0.42	0.59	0.29	-	-	-	-
6	0.07	0.11	0.16	0.27	0.40	0.54	0.37	-	-	-	-
7	0.10	0.15	0.19	0.25	0.38	-	0.34	-	-	-	-
8	0.13	0.17	0.20	0.20	0.21	0.21	0.29	-	-	-	-
9	0.15	0.19	0.18	0.20	0.20	0.21	0.26	-	-	-	-
overall	0.08	0.11	0.15	0.26	0.40	0.51	0.33	0.80	0.76	0.90	0.82

N : A total of 397,571 PoP-observation pairs were obtained covering the period from 01 November 2008 to 31 October 2010.

Cool Season (October- March)

Lead time (days)	Forecasted Probability of Precipitation (PoP)										
	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
1	0.01	0.05	0.10	0.28	0.48	0.55	0.65	0.77	0.80	0.89	0.90
2	0.02	0.06	0.12	0.32	0.47	0.56	0.66	0.75	0.81	0.88	0.94
3	0.02	0.07	0.11	0.31	0.58	0.79	0.74	0.82	-	-	-
4	0.03	0.08	0.12	0.29	0.58	0.68	0.73	0.82	-	-	-
5	0.03	0.10	0.15	0.29	0.49	0.76	0.50	0.91	-	-	-
6	0.04	0.11	0.16	0.28	0.49	0.71	0.48	-	-	-	-
7	0.07	0.13	0.14	0.28	0.48	0.64	0.41	-	-	-	-
8	0.09	0.13	0.16	0.19	0.22	0.26	0.34	-	-	-	-
9	0.10	0.14	0.19	0.19	0.22	0.27	0.29	-	-	-	-
overall	0.05	0.09	0.14	0.27	0.48	0.61	0.40	0.78	0.81	0.88	0.90

N : A total of 365,282 PoP-observation pairs were obtained covering the period from 01 November 2008 to 31 October 2010.

Note: Data is for the Southern Climate Region of the US, which includes Arkansas, Louisiana, Kansas, Mississippi, Oklahoma, and Texas.
  PoP-lead time pairs with fewer than 30 forecasts are excluded.