

Precipitation Summary and Historical Context

Station: MEMPHIS INTL AP State: TN ID: 405954
 Latitude: 35.06 degrees Longitude: -89.99 degrees Elevation: 254 feet
 Station period of record: 01/01/1940 – 10/02/2008
 Product Creation Date: 10/03/2008 10:45 CDT

Requested Interval: 01/01/2005 - 12/31/2005 **Historical Interval:** 01/01/1940 - 10/02/2008

Monthly Precipitation Totals (inches)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2005	4.98	3.19	3.52	5.30	1.10	1.40	8.21	5.68	1.60	0.79	2.33	1.91
Ave	4.49	4.52	5.34	5.47	4.86	3.73	3.96	3.39	3.18	3.09a	4.91a	5.29a
Interval Sum:	40.01 inches											
Interval Average:	52.22 inches											

Interval Precipitation Rankings 01/01/1940 - 10/02/2008

Rank	High	Beginning Year	Low	Beginning Year
1	76.85	1957	34.81	2007
2	76.19	1996	34.83	1941
3	74.84	2002	37.27	2000
4	71.88	1997	37.42	1943
5	70.89	1979	38.47	1954

Pearson Type III Frequency Analysis 01/01/1940 - 10/02/2008

Frequency	0.01	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.99
Amount	31.52	36.46	39.37	43.16	46.08	48.70	51.25	53.92	56.88	60.51	65.84	70.49	79.86

Notes:

- 1) Precipitation values are given in inches.
- 2) Missing days in monthly sums: a=1, b=2, c=3, etc.
- 3) Missing months in period of record averages: a=1, b=2, c=3, etc.
- 4) Historical averages calculated from daily data.
- 5) Ranking analysis based on 68 of 69 data intervals.
- 6) Frequency analysis based on 68 of 69 data intervals.