



# APRIL 2012 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

HOUSTON, TX  
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)  
Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet  
Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



| Date<br>1 | Temperature °F |              |              |                         |                        |                          | Deg Days<br>BASE 65° |              | WEATHER<br>10    | SNOW/ICE<br>ON GND(IN) |                   | PRECIPITATION<br>ON GND(IN) |                   | PRESSURE<br>(INCHES OF HG) |                            | WIND SPEED = MPH<br>DIR = TENS OF DEGREES |               |                        |         |    |       |    |    | Date<br>24 |
|-----------|----------------|--------------|--------------|-------------------------|------------------------|--------------------------|----------------------|--------------|------------------|------------------------|-------------------|-----------------------------|-------------------|----------------------------|----------------------------|---|---------------|------------------------|---------|----|-------|----|----|------------|
|           | MAXIMUM<br>2   | MINIMUM<br>3 | AVERAGE<br>4 | DEP FROM<br>NORMAL<br>5 | AVERAGE<br>DEW PT<br>6 | AVERAGE<br>WET BULB<br>7 | HEATING<br>8         | COOLING<br>9 |                  | 0600<br>LST<br>11      | 1200<br>LST<br>12 | 2400<br>LST<br>13           | 2400<br>LST<br>14 | AVERAGE<br>STATION<br>15   | AVERAGE<br>SEA LEVEL<br>16 | RESULTANT<br>SPEED<br>17                  | RES DIR<br>18 | AVERAGE<br>SPEED<br>19 | MAXIMUM |    |       |    |    |            |
|           |                |              |              |                         |                        |                          |                      |              |                  |                        |                   |                             |                   |                            |                            |   |               |                        | 3-SEC   |    | 2-MIN |    |    |            |
| 01        | 86             | 69           | 78           | 12                      | 67                     | 70                       | 0                    | 13           |                  | 0                      |                   | 0.0                         | 0.00              | 29.68                      | 29.81                      | 8.5                                       | 16            | 8.7                    | 23      | 16 | 20    | 16 | 01 |            |
| 02        | 80             | 66           | 73           | 7                       | 67                     | 69                       | 0                    | 8            | TS TSRA RA GS BR | 0                      |                   | T                           | 0.21              | 29.59                      | 29.71                      | 7.7                                       | 14            | 8.8                    | 35      | 17 | 22    | 14 | 02 |            |
| 03        | 84             | 73           | 79           | 13                      | 71                     | 73                       | 0                    | 14           | BR               | 0                      |                   | 0.0                         | 0.00              | 29.67                      | 29.78                      | 12.1                                      | 14            | 12.6                   | 29      | 14 | 23    | 13 | 03 |            |
| 04        | 82             | 68           | 75           | 9                       | 67                     | 69                       | 0                    | 10           | TS RA BR         | 0                      |                   | 0.0                         | T                 | 29.70                      | 29.80                      | 4.2                                       | 11            | 5.9                    | 26      | 07 | 22    | 07 | 04 |            |
| 05        | 86             | 65           | 76           | 9                       | 62                     | 67                       | 0                    | 11           | FG+ BR           | 0                      |                   | 0.0                         | 0.00              | 29.70                      | 29.81                      | 4.4                                       | 30            | 5.1                    | 18      | 29 | 15    | 31 | 05 |            |
| 06        | 84             | 61           | 73           | 6                       | 57                     | 63                       | 0                    | 8            |                  | 0                      |                   | 0.0                         | 0.00              | 29.86                      | 29.96                      | 4.3                                       | 11            | 5.8                    | 16      | 13 | 14    | 14 | 06 |            |
| 07        | 84             | 60           | 72           | 5                       | 60                     | 64                       | 0                    | 7            |                  | 0                      |                   | 0.0                         | 0.00              | 30.01                      | 30.10                      | 5.5                                       | 12            | 6.4                    | 18      | 13 | 15    | 14 | 07 |            |
| 08        | 84             | 62           | 73           | 6                       | 60                     | 65                       | 0                    | 8            |                  | 0                      |                   | 0.0                         | 0.00              | 30.06                      | 30.18                      | 2.3                                       | 11            | 3.9                    | 18      | 10 | 15    | 10 | 08 |            |
| 09        | 84             | 64           | 74           | 7                       | 61                     | 66                       | 0                    | 9            |                  | 0                      |                   | 0.0                         | 0.00              | 30.00                      | 30.13                      | 0.8                                       | 22            | 3.1                    | 12      | 20 | 9     | 19 | 09 |            |
| 10        | 85             | 61           | 73           | 6                       | 60                     | 65                       | 0                    | 8            |                  | 0                      |                   | 0.0                         | 0.00              | 29.97                      | 30.09                      | 3.3                                       | 14            | 3.9                    | 20      | 12 | 16    | 12 | 10 |            |
| 11        | 87             | 63           | 75           | 8                       | 61                     | 66                       | 0                    | 10           |                  | 0                      |                   | 0.0                         | 0.00              | 29.95                      | 30.07                      | 3.5                                       | 15            | 4.3                    | 22      | 14 | 17    | 13 | 11 |            |
| 12        | 83             | 65           | 74           | 7                       | 64                     | 67                       | 0                    | 9            | RA               | 0                      |                   | 0.0                         | T                 | 29.91                      | 30.03                      | 9.3                                       | 14            | 10.3                   | 28      | 14 | 23    | 14 | 12 |            |
| 13        | 84             | 65           | 75           | 7                       | 65                     | 68                       | 0                    | 10           | RA               | 0                      |                   | 0.0                         | T                 | 29.85                      | 29.98                      | 11.8                                      | 15            | 12.0                   | 26      | 14 | 23    | 14 | 13 |            |
| 14        | 84             | 75           | 80*          | 12                      | 67                     | 70                       | 0                    | 15           | RA               | 0                      |                   | 0.0                         | T                 | 29.78                      | 29.91                      | 19.0                                      | 15            | 19.1                   | 35      | 14 | 29*   | 15 | 14 |            |
| 15        | 85             | 69           | 77           | 9                       | 69                     | 72                       | 0                    | 12           | TS RA            | 0                      |                   | 0.0                         | 0.09              | 29.72                      | 29.84                      | 13.8                                      | 17            | 17.7                   | 38*     | 15 | 25    | 16 | 15 |            |
| 16        | 71             | 63           | 67           | -1                      | 61                     | 63                       | 0                    | 2            | TS TSRA RA BR    | 0                      |                   | 0.0                         | 2.22              | 29.95                      | 30.03                      | 6.4                                       | 04            | 8.7                    | 31      | 17 | 24    | 15 | 16 |            |
| 17        | 83             | 62           | 73           | 4                       | 59                     | 64                       | 0                    | 8            |                  | 0                      |                   | 0.0                         | 0.00              | 30.01                      | 30.12                      | 7.4                                       | 04            | 8.4                    | 25      | 03 | 17    | 07 | 17 |            |
| 18        | 82             | 55           | 69           | 0                       | 51                     | 58                       | 0                    | 4            |                  | 0                      |                   | 0.0                         | 0.00              | 29.98                      | 30.10                      | 3.7                                       | 07            | 4.7                    | 15      | 05 | 12    | 06 | 18 |            |
| 19        | 82             | 55           | 69           | 0                       | 56                     | 61                       | 0                    | 4            |                  | 0                      |                   | 0.0                         | 0.00              | 29.79                      | 29.93                      | 4.7                                       | 17            | 4.9                    | 24      | 16 | 15    | 15 | 19 |            |
| 20        | 79             | 59           | 69           | 0                       | 60                     | 63                       | 0                    | 4            | TS TSRA RA BR    | 0                      |                   | 0.0                         | 0.76              | 29.73                      | 29.85                      | 3.2                                       | 31            | 6.6                    | 31      | 35 | 24    | 34 | 20 |            |
| 21        | 76             | 54           | 65*          | -5                      | 46                     | 54                       | 0                    | 0            |                  | 0                      |                   | 0.0                         | 0.00              | 29.83                      | 29.94                      | 12.4                                      | 34            | 12.6                   | 32      | 35 | 24    | 35 | 21 |            |
| 22        | 86             | 52           | 69           | -1                      | 49                     | 58                       | 0                    | 4            |                  | 0                      |                   | 0.0                         | 0.00              | 29.92                      | 30.03                      | 5.7                                       | 34            | 5.9                    | 22      | 03 | 16    | 35 | 22 |            |
| 23        | 78             | 55           | 67           | -3                      | 41                     | 54                       | 0                    | 2            |                  | 0                      |                   | 0.0                         | 0.00              | 30.00                      | 30.12                      | 5.0                                       | 01            | 6.0                    | 25      | 01 | 15    | 34 | 23 |            |
| 24        | 83             | 52*          | 68           | -2                      | 54                     | 60                       | 0                    | 3            |                  | 0                      |                   | 0.0                         | 0.00              | 29.90                      | 30.03                      | 5.1                                       | 18            | 5.4                    | 20      | 19 | 15    | 16 | 24 |            |
| 25        | 88*            | 66           | 77           | 6                       | 61                     | 67                       | 0                    | 12           |                  | 0                      |                   | 0.0                         | 0.00              | 29.81                      | 29.93                      | 9.7                                       | 19            | 10.0                   | 26      | 18 | 18    | 19 | 25 |            |
| 26        | 87             | 71           | 79           | 8                       | 65                     | 69                       | 0                    | 14           |                  | 0                      |                   | 0.0                         | 0.00              | 29.80                      | 29.91                      | 11.1                                      | 18            | 11.3                   | 26      | 18 | 20    | 18 | 26 |            |
| 27        | 85             | 71           | 78           | 7                       | 66                     | 70                       | 0                    | 13           |                  | 0                      |                   | 0.0                         | 0.00              | 29.77                      | 29.88                      | 11.9                                      | 17            | 12.1                   | 29      | 16 | 21    | 16 | 27 |            |
| 28        | 86             | 72           | 79           | 8                       | 66                     | 70                       | 0                    | 14           |                  | 0                      |                   | 0.0                         | 0.00              | 29.78                      | 29.90                      | 12.9                                      | 16            | 13.6                   | 31      | 15 | 24    | 14 | 28 |            |
| 29        | 84             | 73           | 79           | 8                       | 68                     | 71                       | 0                    | 14           |                  | 0                      |                   | 0.0                         | 0.00              | 29.85                      | 29.96                      | 14.4                                      | 14            | 14.7                   | 33      | 14 | 23    | 13 | 29 |            |
| 30        | 85             | 73           | 79           | 8                       | 69                     | 72                       | 0                    | 14           |                  | 0                      |                   | 0.0                         | 0.00              | 29.88                      | 29.99                      | 10.3                                      | 14            | 10.9                   | 26      | 14 | 22    | 13 | 30 |            |

|                           |      |      |   |                                   |      |     |     |  |  |  |  |                        |      |       |  |                          |    |     |                    |                                |  |  |  |
|---------------------------|------|------|---|-----------------------------------|------|-----|-----|--|--|--|--|------------------------|------|-------|--|--------------------------|----|-----|--------------------|--------------------------------|--|--|--|
| 83.2                      | 64.0 | 73.6 | ☼ | 61.0                              | 65.6 | 0.0 | 8.8 | < MONTHLY AVERAGES   TOTALS >                    |  |  |  | T                      | 3.28 | 29.85 | 29.96  | 4.8                      | 15 | 8.8 | < MONTHLY AVERAGES |                                |  |  |  |
| 3.6                       | 4.6  | 4.1  |   | <-----DEPARTURE FROM NORMAL-----> |      |     |     |  |  |  |  |                        |      | -0.03 | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 |                          |    |     |                    |                                |  |  |  |
| <b>DEGREE DAYS</b>        |      |      |   |                                   |      |     |     | GREATEST 24-HR PRECIPITATION : 2.31 DATE : 15-16 |  |  |  | SEA LEVEL PRESSURE     |      |       |  | DATE TIME                |    |     |                    |                                |  |  |  |
| MONTHLY                   |      |      |   |                                   |      |     |     | GREATEST 24-HR SNOWFALL : T DATE : 02            |  |  |  | MAXIMUM : 30.26        |      |       |  | 08 1027                  |    |     |                    |                                |  |  |  |
| TOTAL DEPARTURE           |      |      |   |                                   |      |     |     | GREATEST SNOW DEPTH : 0 DATE :                   |  |  |  | MINIMUM : 29.66        |      |       |  | 02 1751                  |    |     |                    |                                |  |  |  |
| SEASON TO DATE            |      |      |   |                                   |      |     |     | NUMBER OF -> DAYS WITH                           |  |  |  | MAXIMUM TEMP >= 90 : 0 |      |       |  | MINIMUM TEMP <= 32 : 0   |    |     |                    | PRECIPITATION >= 0.01 INCH : 4 |  |  |  |
| TOTAL DEPARTURE           |      |      |   |                                   |      |     |     | THUNDERSTORMS : 5                                |  |  |  | MAXIMUM TEMP <= 32 : 0 |      |       |  | MINIMUM TEMP <= 0 : 0    |    |     |                    | PRECIPITATION >= 0.10 INCH : 3 |  |  |  |
| HEATING : 0 -37 965 -558  |      |      |   |                                   |      |     |     |  |  |  |  | HEAVY FOG : 1          |      |       |  | SNOWFALL >= 1.0 INCH : 0 |    |     |                    |                                |  |  |  |
| COOLING : 264 -92 524 278 |      |      |   |                                   |      |     |     |  |  |  |  |                        |      |       |  |                          |    |     |                    |                                |  |  |  |

APRIL 2012  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
APRIL 2012

WBAN # 12960

| Date | FOR HOUR (LST) ENDING AT |   |   |      |      |      |   |      |   |    |      |    | Date | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |    |    |    |    |    | Date | Sum of Hourly Data | 2400 LST Water Equiv. |
|------|--------------------------|---|---|------|------|------|---|------|---|----|------|----|------|--------------------------|------|------|------|------|------|------|----|----|----|----|----|------|--------------------|-----------------------|
|      | 1                        | 2 | 3 | 4    | 5    | 6    | 7 | 8    | 9 | 10 | 11   | 12 |      | 13                       | 14   | 15   | 16   | 17   | 18   | 19   | 20 | 21 | 22 | 23 | 24 |      |                    |                       |
| 01   |                          |   |   |      |      |      |   |      |   |    |      |    | 01   |                          |      |      |      |      |      |      |    |    |    |    | 01 | 0.00 | 0.00               |                       |
| 02   |                          |   |   |      |      |      |   | 0.05 | T | T  | 0.01 | T  | 02   |                          | T    | 0.15 |      |      |      |      |    |    |    |    | 02 | 0.21 | 0.21               |                       |
| 03   |                          |   |   |      |      |      |   |      |   |    |      |    | 03   |                          |      |      |      |      |      |      |    |    |    |    | 03 | 0.00 | 0.00               |                       |
| 04   |                          |   |   |      |      |      |   |      |   |    |      |    | 04   | T                        |      |      |      |      |      |      |    |    |    |    | 04 | T    | T                  |                       |
| 05   |                          |   |   |      |      |      |   |      |   |    |      |    | 05   |                          |      |      |      |      |      |      |    |    |    |    | 05 | 0.00 | 0.00               |                       |
| 06   |                          |   |   |      |      |      |   |      |   |    |      |    | 06   |                          |      |      |      |      |      |      |    |    |    |    | 06 | 0.00 | 0.00               |                       |
| 07   |                          |   |   |      |      |      |   |      |   |    |      |    | 07   |                          |      |      |      |      |      |      |    |    |    |    | 07 | 0.00 | 0.00               |                       |
| 08   |                          |   |   |      |      |      |   |      |   |    |      |    | 08   |                          |      |      |      |      |      |      |    |    |    |    | 08 | 0.00 | 0.00               |                       |
| 09   |                          |   |   |      |      |      |   |      |   |    |      |    | 09   |                          |      |      |      |      |      |      |    |    |    |    | 09 | 0.00 | 0.00               |                       |
| 10   |                          |   |   |      |      |      |   |      |   |    |      |    | 10   |                          |      |      |      |      |      |      |    |    |    |    | 10 | 0.00 | 0.00               |                       |
| 11   |                          |   |   |      |      |      |   |      |   |    |      |    | 11   |                          |      |      |      |      |      |      |    |    |    |    | 11 | 0.00 | 0.00               |                       |
| 12   |                          |   |   |      |      |      |   |      |   |    |      |    | 12   |                          |      |      |      |      |      |      |    |    |    |    | 12 | T    | T                  |                       |
| 13   |                          |   |   |      |      |      |   |      |   |    |      |    | 13   |                          |      | T    |      |      |      |      |    |    |    |    | 13 | T    | T                  |                       |
| 14   |                          |   |   |      |      |      |   |      |   |    |      |    | 14   |                          |      |      |      |      |      |      |    |    |    |    | 14 | T    | T                  |                       |
| 15   |                          |   |   |      |      |      |   |      |   |    |      |    | 15   |                          |      | T    | 0.09 | T    | T    | T    | T  |    |    |    | 15 | 0.09 | 0.09               |                       |
| 16   | T                        |   |   | 0.56 | 0.55 | 0.25 |   |      |   |    |      |    | 16   | 0.48                     | 0.07 | T    |      |      |      |      |    |    |    |    | 16 | 2.22 | 2.22               |                       |
| 17   |                          |   |   |      |      |      |   |      |   |    |      |    | 17   |                          |      |      |      |      |      |      |    |    |    |    | 17 | 0.00 | 0.00               |                       |
| 18   |                          |   |   |      |      |      |   |      |   |    |      |    | 18   |                          |      |      |      |      |      |      |    |    |    |    | 18 | 0.00 | 0.00               |                       |
| 19   |                          |   |   |      |      |      |   |      |   |    |      |    | 19   |                          |      |      |      |      |      |      |    |    |    |    | 19 | 0.00 | 0.00               |                       |
| 20   |                          |   |   |      |      |      |   |      |   |    |      |    | 20   |                          | 0.02 | 0.43 | 0.13 | 0.11 | 0.01 | 0.06 |    |    |    |    | 20 | 0.76 | 0.76               |                       |
| 21   |                          |   |   |      |      |      |   |      |   |    |      |    | 21   |                          |      |      |      |      |      |      |    |    |    |    | 21 | 0.00 | 0.00               |                       |
| 22   |                          |   |   |      |      |      |   |      |   |    |      |    | 22   |                          |      |      |      |      |      |      |    |    |    |    | 22 | 0.00 | 0.00               |                       |
| 23   |                          |   |   |      |      |      |   |      |   |    |      |    | 23   |                          |      |      |      |      |      |      |    |    |    |    | 23 | 0.00 | 0.00               |                       |
| 24   |                          |   |   |      |      |      |   |      |   |    |      |    | 24   |                          |      |      |      |      |      |      |    |    |    |    | 24 | 0.00 | 0.00               |                       |
| 25   |                          |   |   |      |      |      |   |      |   |    |      |    | 25   |                          |      |      |      |      |      |      |    |    |    |    | 25 | 0.00 | 0.00               |                       |
| 26   |                          |   |   |      |      |      |   |      |   |    |      |    | 26   |                          |      |      |      |      |      |      |    |    |    |    | 26 | 0.00 | 0.00               |                       |
| 27   |                          |   |   |      |      |      |   |      |   |    |      |    | 27   |                          |      |      |      |      |      |      |    |    |    |    | 27 | 0.00 | 0.00               |                       |
| 28   |                          |   |   |      |      |      |   |      |   |    |      |    | 28   |                          |      |      |      |      |      |      |    |    |    |    | 28 | 0.00 | 0.00               |                       |
| 29   |                          |   |   |      |      |      |   |      |   |    |      |    | 29   |                          |      |      |      |      |      |      |    |    |    |    | 29 | 0.00 | 0.00               |                       |
| 30   |                          |   |   |      |      |      |   |      |   |    |      |    | 30   |                          |      |      |      |      |      |      |    |    |    |    | 30 | 0.00 | 0.00               |                       |

\* Indicates sum of Hourly and Daily disagree.

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | 0.38 | 0.50 | 0.71 | 0.93 | 1.03 | 1.07 | 1.11 | 1.11 | 1.28 | 1.35 | 1.36 | 1.36 |
| Ending Date            | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   |
| Ending Time (Hr/Min)   | 0353 | 0358 | 0403 | 0408 | 0414 | 0424 | 0440 | 0440 | 0524 | 0544 | 0553 | 0553 |

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.



# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

## APRIL 2012

## KIAH

## WBAN # 12960

| HOUR (LST)           | SKY COVER | CEILING<br>100's of FT. | SATELLITE                 |                      | VISIBILITY<br>(MILES) | WEATHER | TEMPERATURE<br>°F |           |          | WIND<br>SPEED (MPH)<br>DIRECTION<br>Tens of Deg | PRESSURE<br>(INCHES, HG)   |         | HOUR (LST) | SKY COVER            | CEILING<br>100's of FT. | SATELLITE    |                           | VISIBILITY<br>(MILES) | WEATHER | TEMPERATURE<br>°F    |              |           | WIND<br>SPEED (MPH)<br>DIRECTION<br>Tens of Deg | PRESSURE<br>(INCHES, HG) |                            |         |              |                           |                      |
|----------------------|-----------|-------------------------|---------------------------|----------------------|-----------------------|---------|-------------------|-----------|----------|---|----------------------------|---------|------------|----------------------|-------------------------|--------------|---------------------------|-----------------------|---------|----------------------|--------------|-----------|---|--------------------------|----------------------------|---------|--------------|---------------------------|----------------------|
|                      |           |                         | Observation<br>Time (LST) | Eff Cld Amt<br>Oktas |                       |         | DRY BULB          | DEW POINT | WET BULB |   | RELATIVE<br>HUMIDITY (PCT) | STATION |            |                      |                         | SEA<br>LEVEL | Observation<br>Time (LST) |                       |         | Eff Cld Amt<br>Oktas | DRY BULB     | DEW POINT |   | WET BULB                 | RELATIVE<br>HUMIDITY (PCT) | STATION | SEA<br>LEVEL |                           |                      |
|                      |           |                         |                           |                      |                       |         |                   |           |          |   |                            |         |            |                      |                         |              |                           |                       |         |                      |              |           |   |                          |                            |         |              | Observation<br>Time (LST) | Eff Cld Amt<br>Oktas |
| SUNRISE: 0611 APR 01 |           |                         |                           |                      |                       |         | SUNSET: 1839      |           |          |   |                            |         |            | SUNRISE: 0604 APR 07 |                         |              |                           |                       |         |                      | SUNSET: 1843 |           |   |                          |                            |         |              |                           |                      |
| 03                   | BKN       | 012                     |                           |                      | 7.00                  |         | 70                | 66        | 67       | 87  | 6                          | 18      | 29.72      | 29.83                | 03                      | BKN          | 250                       |                       |         | 10.00                |              | 62        | 59  | 60                       | 90                         | 0       | 00           | 29.94                     | 30.05                |
| 06                   | OVC       | 014                     |                           |                      | 9.00                  |         | 72                | 66        | 68       | 82  | 5                          | 18      | 29.74      | 29.84                | 06                      | SCT          | 250                       |                       |         | 10.00                |              | 62        | 59  | 60                       | 90                         | 0       | 00           | 29.97                     | 30.08                |
| 09                   | SCT       | 018                     |                           |                      | 10.00                 |         | 76                | 67        | 70       | 74  | 9                          | 17      | 29.76      | 29.87                | 09                      | SCT          | 250                       |                       |         | 10.00                |              | 73        | 62  | 66                       | 69                         | 9       | 09           | 30.01                     | 30.11                |
| 12                   | FEW       | 028                     |                           |                      | 10.00                 |         | 83                | 67        | 72       | 59  | 9                          | 15      | 29.73      | 29.83                | 12                      | SCT          | 250                       |                       |         | 10.00                |              | 81        | 58  | 67                       | 46                         | 10      | 11           | 30.02                     | 30.12                |
| 15                   | SCT       | 035                     |                           |                      | 10.00                 |         | 84                | 68        | 73       | 59  | 16                         | 16      | 29.67      | 29.78                | 15                      | SCT          | 250                       |                       |         | 10.00                |              | 83        | 58  | 67                       | 43                         | 10      | 14           | 29.98                     | 30.09                |
| 18                   | SCT       | 035                     |                           |                      | 10.00                 |         | 80                | 67        | 71       | 65  | 10                         | 16      | 29.64      | 29.75                | 18                      | SCT          | 250                       |                       |         | 10.00                |              | 78        | 61  | 67                       | 56                         | 14      | 14           | 29.98                     | 30.09                |
| 21                   | SCT       | 023                     |                           |                      | 10.00                 |         | 74                | 68        | 70       | 82  | 9                          | 16      | 29.68      | 29.79                | 21                      | SCT          | 250                       |                       |         | 10.00                |              | 70        | 59  | 63                       | 68                         | 3       | 16           | 30.03                     | 30.15                |
| 24                   | BKN       | 040                     |                           |                      | 10.00                 |         | 73                | 68        | 70       | 84  | 8                          | 16      | 29.66      | 29.76                | 24                      | SCT          | 250                       |                       |         | 10.00                |              | 65        | 61  | 63                       | 87                         | 3       | 20           | 30.08                     | 30.19                |
| SUNRISE: 0610 APR 02 |           |                         |                           |                      |                       |         | SUNSET: 1840      |           |          |   |                            |         |            | SUNRISE: 0603 APR 08 |                         |              |                           |                       |         |                      | SUNSET: 1844 |           |   |                          |                            |         |              |                           |                      |
| 03                   | BKN       | 120                     |                           |                      | 10.00                 |         | 74                | 69        | 71       | 84  | 8                          | 16      | 29.61      | 29.72                | 03                      | FEW          | 250                       |                       |         | 10.00                |              | 66        | 61  | 63                       | 84                         | 0       | 00           | 30.08                     | 30.19                |
| 06                   | BKN       | 013                     |                           |                      | 9.00                  |         | 72                | 69        | 70       | 90  | 6                          | 12      | 29.57      | 29.68                | 06                      | FEW          | 250                       |                       |         | 10.00                |              | 62        | 59  | 60                       | 90                         | 0       | 00           | 30.10                     | 30.20                |
| 09                   | OVC       | 110                     |                           |                      | 10.00                 | -RA     | 67                | 62        | 64       | 84  | 8                          | 17      | 29.60      | 29.71                | 09                      | SCT          | 250                       |                       |         | 10.00                |              | 74        | 64  | 68                       | 71                         | 3       | 03           | 30.14                     | 30.26                |
| 12                   | SCT       | 090                     |                           |                      | 10.00                 |         | 72                | 63        | 66       | 73  | 0                          | 00      | 29.62      | 29.73                | 12                      | SCT          | 250                       |                       |         | 10.00                |              | 80        | 60  | 68                       | 51                         | 7       | VR           | 30.11                     | 30.22                |
| 15                   | OVC       | 090                     |                           |                      | 8.00                  | TS      | 75                | 69        | 71       | 82  | 8                          | 14      | 29.57      | 29.67                | 15                      | SCT          | 250                       |                       |         | 10.00                |              | 83        | 56  | 66                       | 40                         | 7       | 12           | 30.05                     | 30.16                |
| 18                   | BKN       | 250                     |                           |                      | 10.00                 |         | 76                | 66        | 70       | 71  | 16                         | 14      | 29.56      | 29.67                | 18                      | SCT          | 250                       |                       |         | 10.00                |              | 80        | 58  | 66                       | 47                         | 6       | 12           | 30.03                     | 30.14                |
| 21                   | BKN       | 250                     |                           |                      | 10.00                 |         | 73                | 68        | 70       | 84  | 9                          | 13      | 29.60      | 29.71                | 21                      | SCT          | 250                       |                       |         | 10.00                |              | 74        | 62  | 67                       | 66                         | 0       | 00           | 30.08                     | 30.19                |
| 24                   | OVC       | 040                     |                           |                      | 10.00                 |         | 73                | 70        | 71       | 90  | 6                          | 11      | 29.63      | 29.74                | 24                      | CLR          | NC                        |                       |         | 10.00                |              | 69        | 62  | 65                       | 79                         | 0       | 00           | 30.06                     | 30.17                |
| SUNRISE: 0609 APR 03 |           |                         |                           |                      |                       |         | SUNSET: 1841      |           |          |   |                            |         |            | SUNRISE: 0602 APR 09 |                         |              |                           |                       |         |                      | SUNSET: 1844 |           |   |                          |                            |         |              |                           |                      |
| 03                   | OVC       | 036                     |                           |                      | 9.00                  |         | 74                | 70        | 71       | 87  | 11                         | 14      | 29.63      | 29.73                | 03                      | BKN          | 250                       |                       |         | 10.00                |              | 68        | 62  | 64                       | 81                         | 0       | 00           | 30.03                     | 30.14                |
| 06                   | OVC       | 025                     |                           |                      | 10.00                 |         | 75                | 70        | 72       | 85  | 14                         | 15      | 29.63      | 29.74                | 06                      | FEW          | 250                       |                       |         | 10.00                |              | 66        | 61  | 63                       | 84                         | 0       | 00           | 30.06                     | 30.16                |
| 09                   | BKN       | 044                     |                           |                      | 10.00                 |         | 78                | 70        | 73       | 77  | 11                         | 18      | 29.72      | 29.83                | 09                      | SCT          | 250                       |                       |         | 10.00                |              | 74        | 63  | 67                       | 69                         | 7       | 36           | 30.08                     | 30.19                |
| 12                   | BKN       | 050                     |                           |                      | 10.00                 |         | 82                | 69        | 73       | 65  | 18                         | 15      | 29.73      | 29.83                | 12                      | BKN          | 250                       |                       |         | 10.00                |              | 80        | 60  | 67                       | 51                         | 0       | 00           | 30.05                     | 30.16                |
| 15                   | BKN       | 040                     |                           |                      | 10.00                 |         | 82                | 72        | 75       | 72  | 18                         | 15      | 29.66      | 29.76                | 15                      | BKN          | 250                       |                       |         | 10.00                |              | 82        | 60  | 68                       | 47                         | 0       | 00           | 30.00                     | 30.11                |
| 18                   | BKN       | 055                     |                           |                      | 10.00                 |         | 78                | 72        | 74       | 82  | 15                         | 14      | 29.64      | 29.75                | 18                      | BKN          | 250                       |                       |         | 10.00                |              | 80        | 62  | 69                       | 54                         | 5       | 19           | 29.95                     | 30.06                |
| 21                   | BKN       | 055                     |                           |                      | 7.00                  |         | 76                | 72        | 73       | 87  | 9                          | 12      | 29.69      | 29.80                | 21                      | BKN          | 250                       |                       |         | 10.00                |              | 75        | 63  | 67                       | 66                         | 8       | 19           | 29.97                     | 30.08                |
| 24                   | OVC       | 015                     |                           |                      | 6.00                  | BR      | 75                | 72        | 73       | 90  | 0                          | 00      | 29.71      | 29.82                | 24                      | FEW          | 250                       |                       |         | 10.00                |              | 71        | 62  | 65                       | 73                         | 0       | 00           | 29.98                     | 30.09                |
| SUNRISE: 0608 APR 04 |           |                         |                           |                      |                       |         | SUNSET: 1841      |           |          |   |                            |         |            | SUNRISE: 0601 APR 10 |                         |              |                           |                       |         |                      | SUNSET: 1845 |           |   |                          |                            |         |              |                           |                      |
| 03                   | OVC       | 027                     |                           |                      | 6.00                  | BR      | 73                | 70        | 71       | 90  | 3                          | 32      | 29.70      | 29.80                | 03                      | FEW          | 250                       |                       |         | 10.00                |              | 66        | 62  | 64                       | 87                         | 0       | 00           | 29.98                     | 30.09                |
| 06                   | OVC       | 029                     |                           |                      | 10.00                 |         | 68                | 64        | 66       | 87  | 14                         | 08      | 29.73      | 29.83                | 06                      | FEW          | 250                       |                       |         | 8.00                 |              | 64        | 61  | 62                       | 90                         | 0       | 00           | 30.00                     | 30.11                |
| 09                   | BKN       | 140                     |                           |                      | 10.00                 |         | 70                | 63        | 66       | 79  | 13                         | 12      | 29.76      | 29.86                | 09                      | BKN          | 250                       |                       |         | 10.00                |              | 75        | 62  | 67                       | 64                         | 5       | 27           | 30.02                     | 30.13                |
| 12                   | OVC       | 140                     |                           |                      | 10.00                 |         | 73                | 67        | 69       | 82  | 11                         | 09      | 29.76      | 29.87                | 12                      | OVC          | 250                       |                       |         | 10.00                |              | 82        | 56  | 66                       | 41                         | 5       | 18           | 30.01                     | 30.12                |
| 15                   | BKN       | 130                     |                           |                      | 10.00                 |         | 80                | 66        | 71       | 62  | 0                          | 00      | 29.66      | 29.77                | 15                      | BKN          | 250                       |                       |         | 10.00                |              | 83        | 60  | 68                       | 46                         | 8       | 12           | 29.94                     | 30.04                |
| 18                   | BKN       | 250                     |                           |                      | 10.00                 |         | 77                | 68        | 71       | 74  | 9                          | 14      | 29.65      | 29.76                | 18                      | BKN          | 250                       |                       |         | 10.00                |              | 79        | 58  | 66                       | 49                         | 11      | 12           | 29.92                     | 30.03                |
| 21                   | BKN       | 250                     |                           |                      | 10.00                 |         | 72                | 68        | 69       | 87  | 7                          | 14      | 29.70      | 29.80                | 21                      | SCT          | 250                       |                       |         | 10.00                |              | 73        | 60  | 65                       | 64                         | 6       | 16           | 29.97                     | 30.07                |
| 24                   | FEW       | 130                     |                           |                      | 7.00                  |         | 69                | 67        | 68       | 93  | 3                          | 21      | 29.69      | 29.79                | 24                      | FEW          | 250                       |                       |         | 10.00                |              | 69        | 62  | 65                       | 79                         | 3       | 19           | 29.98                     | 30.09                |
| SUNRISE: 0606 APR 05 |           |                         |                           |                      |                       |         | SUNSET: 1842      |           |          |   |                            |         |            | SUNRISE: 0559 APR 11 |                         |              |                           |                       |         |                      | SUNSET: 1845 |           |   |                          |                            |         |              |                           |                      |
| 03                   | FEW       | 002                     |                           |                      | 5.00                  | BR      | 68                | 66        | 67       | 93  | 6                          | 21      | 29.65      | 29.76                | 03                      | CLR          | NC                        |                       |         | 10.00                |              | 65        | 61  | 63                       | 87                         | 0       | 00           | 29.96                     | 30.07                |
| 06                   | CLR       | NC                      |                           |                      | 7.00                  |         | 66                | 64        | 65       | 93  | 0                          | 00      | 29.66      | 29.77                | 06                      | BKN          | 250                       |                       |         | 9.00                 |              | 64        | 61  | 62                       | 90                         | 0       | 00           | 29.98                     | 30.09                |
| 09                   | OVC       | 020                     |                           |                      | 3.00                  | BR      | 71                | 67        | 68       | 87  | 7                          | 29      | 29.74      | 29.84                | 09                      | BKN          | 250                       |                       |         | 10.00                |              | 75        | 65  | 69                       | 71                         | 3       | VR           | 30.01                     | 30.12                |
| 12                   | FEW       | 030                     |                           |                      | 10.00                 |         | 81                | 63        | 69       | 54  | 9                          | 31      | 29.73      | 29.84                | 12                      | SCT          | 250                       |                       |         | 10.00                |              | 83        | 59  | 68                       | 44                         | 7       | 19           | 29.98                     | 30.10                |
| 15                   | SCT       | 250                     |                           |                      | 10.00                 |         | 86                | 58        | 68       | 39  | 8                          | 31      | 29.67      | 29.78                | 15                      | SCT          | 070                       |                       |         | 10.00                |              | 83        | 60  | 68                       | 46                         | 7       | 13           | 29.94                     | 30.04                |
| 18                   | FEW       | 250                     |                           |                      | 10.00                 |         | 83                | 56        | 66       | 40  | 8                          | 32      | 29.67      | 29.78                | 18                      | SCT          | 250                       |                       |         | 10.00                |              | 80        | 60  | 67                       | 51                         | 8       | 16           | 29.90                     | 30.01                |
| 21                   | FEW       | 250                     |                           |                      | 10.00                 |         | 74                | 59        | 65       | 60  | 0                          | 00      | 29.73      | 29.84                | 21                      | FEW          | 250                       |                       |         | 10.00                |              | 70        | 60  | 64                       | 71                         | 8       | 17           | 29.94                     | 30.05                |
| 24                   | CLR       | NC                      |                           |                      | 10.00                 |         | 67                | 58        | 62       | 73  | 5                          | 02      | 29.79      | 29.90                | 24                      | FEW          | 250                       |                       |         | 9.00                 |              | 67        | 63  | 65                       | 87                         | 0       | 00           | 29.96                     | 30.06                |
| SUNRISE: 0605 APR 06 |           |                         |                           |                      |                       |         | SUNSET: 1842      |           |          |   |                            |         |            | SUNRISE: 0558 APR 12 |                         |              |                           |                       |         |                      | SUNSET: 1846 |           |   |                          |                            |         |              |                           |                      |
| 03                   | CLR       | NC                      |                           |                      | 10.00                 |         | 65                | 54        | 59       | 68  | 0                          | 00      | 29.80      | 29.90                | 03                      | SCT          | 250                       |                       |         | 9.00                 |              | 66        | 62  | 64                       | 87                         | 0       | 00           | 29.93                     | 30.04                |
| 06                   | FEW       | 250                     |                           |                      | 10.00                 |         | 61                | 54        | 57       | 78  | 6                          | 03      | 29.83      | 29.93                | 06                      | BKN          | 250                       |                       |         | 9.00                 |              | 68        | 66  | 67                       | 93                         | 9       | 10           | 29.93                     | 30.03                |
| 09                   | SCT       | 250                     |                           |                      | 10.00                 |         | 73                | 54        | 62       | 52  | 7                          | 09      | 29.88      | 29.99                | 09                      | OVC          | 120                       |                       |         | 9.00                 |              | 70        | 66  | 67                       | 87                         | 3       | 10           | 29.98                     | 30.09                |
| 12                   | BKN       | 250                     |                           |                      | 10.00                 |         | 80                | 55        | 65       | 42  | 3                          | 06      | 29.88      | 29.99                | 12                      | BKN          | 250                       |                       |         | 10.00                |              | 79        | 63  | 69                       | 58                         | 14      | 17           | 29.95                     | 30.06                |
| 15                   | BKN       | 250                     |                           |                      | 10.00                 |         | 82                | 55        | 66       | 40  | 7                          | 10      | 29.84      | 29.95                | 15                      | BKN          | 120                       |                       |         | 10.00                |              | 81        | 64  | 70                       | 56                         | 18      | 13           | 29.89                     | 30.00                |
| 18                   | BKN       | 250                     |                           |                      | 10.00                 |         | 77                | 59        | 66       | 54  | 13                         | 14      | 29.85      | 29.96                | 18                      | BKN          | 250                       |                       |         | 10.00                |              | 77        | 61  | 67                       | 58                         | 17      | 14           | 29.88                     | 29.99                |
| 21                   | SCT       | 250                     |                           |                      | 10.00                 |         | 69                | 60        | 64       | 73  | 5                          | 16      | 29.91      | 30.01                | 21                      | FEW          | 250                       |                       |         | 10.00                |              | 72        | 63  | 66                       | 73                         | 10      | 15           | 29.90                     | 30.01                |
| 24                   | BKN       | 250                     |                           |                      | 10.00                 |         | 63                | 59        | 61       | 87  | 0                          | 00      | 29.94      | 30.04                | 24                      | FEW          | 030                       |                       |         | 10.00                |              | 71        | 64  | 67                       | 79                         | 7       | 16           | 29.89                     | 29.99                |

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

## APRIL 2012

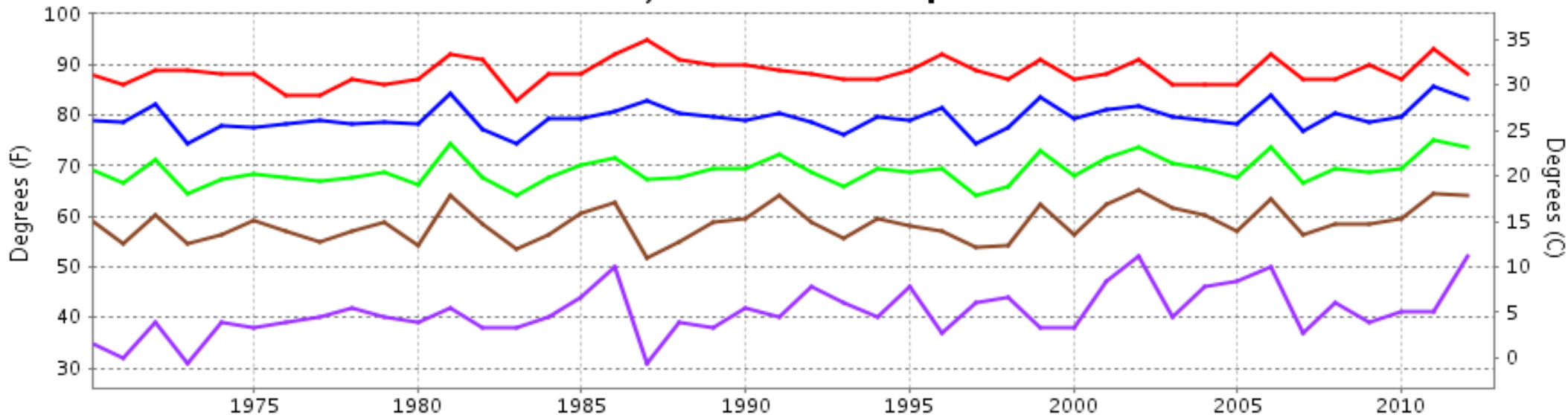
## KIAH

## WBAN # 12960

| HOUR (LST)           | SKY COVER | CEILING<br>100's of FT. | SATELLITE                 |                      |                       | WEATHER       | TEMPERATURE<br>°F |           |          | WIND<br>SPEED (MPH)<br>DIRECTION<br>Tens of Deg | PRESSURE<br>(INCHES, HG)   |                     | HOUR (LST) | SKY COVER | CEILING<br>100's of FT. | SATELLITE    |                           |                      | WEATHER | TEMPERATURE<br>°F     |          |           | WIND<br>SPEED (MPH)<br>DIRECTION<br>Tens of Deg | PRESSURE<br>(INCHES, HG) |                            |         |              |                           |                      |                       |          |           |          |                            |         |
|----------------------|-----------|-------------------------|---------------------------|----------------------|-----------------------|---------------|-------------------|-----------|----------|---|----------------------------|---------------------|------------|-----------|-------------------------|--------------|---------------------------|----------------------|---------|-----------------------|----------|-----------|---|--------------------------|----------------------------|---------|--------------|---------------------------|----------------------|-----------------------|----------|-----------|----------|----------------------------|---------|
|                      |           |                         | Observation<br>Time (LST) | Eff Cld Amt<br>Oktas | VISIBILITY<br>(MILES) |               | DRY BULB          | DEW POINT | WET BULB |   | RELATIVE<br>HUMIDITY (PCT) | STATION             |            |           |                         | SEA<br>LEVEL | Observation<br>Time (LST) | Eff Cld Amt<br>Oktas |         | VISIBILITY<br>(MILES) | DRY BULB | DEW POINT |   | WET BULB                 | RELATIVE<br>HUMIDITY (PCT) | STATION | SEA<br>LEVEL |                           |                      |                       |          |           |          |                            |         |
|                      |           |                         |                           |                      |                       |               |                   |           |          |   |                            |                     |            |           |                         |              |                           |                      |         |                       |          |           |   |                          |                            |         |              | Observation<br>Time (LST) | Eff Cld Amt<br>Oktas | VISIBILITY<br>(MILES) | DRY BULB | DEW POINT | WET BULB | RELATIVE<br>HUMIDITY (PCT) | STATION |
| <b>SUNRISE: 0557</b> |           |                         |                           |                      |                       | <b>APR 13</b> |                   |           |          |   |                            | <b>SUNSET: 1847</b> |            |           |                         |              |                           | <b>SUNRISE: 0551</b> |         |                       |          |           |   | <b>APR 19</b>            |                            |         |              |                           |                      | <b>SUNSET: 1850</b>   |          |           |          |                            |         |
| 03                   | FEW       | 025                     |                           |                      | 10.00                 |               | 67                | 62        | 64       | 84  | 5                          | 17                  | 29.85      | 29.96     | 03                      | CLR          | NC                        |                      |         | 10.00                 |          | 57        | 53  | 55                       | 87                         | 0       | 00           | 29.90                     | 30.01                |                       |          |           |          |                            |         |
| 06                   | SCT       | 250                     |                           |                      | 10.00                 |               | 66                | 62        | 64       | 87  | 5                          | 14                  | 29.86      | 29.97     | 06                      | CLR          | NC                        |                      |         | 10.00                 |          | 55        | 52  | 53                       | 90                         | 0       | 00           | 29.88                     | 29.98                |                       |          |           |          |                            |         |
| 09                   | BKN       | 250                     |                           |                      | 10.00                 |               | 77                | 65        | 69       | 67  | 14                         | 16                  | 29.91      | 30.02     | 09                      | SCT          | 250                       |                      |         | 10.00                 |          | 72        | 57  | 63                       | 59                         | 6       | 15           | 29.90                     | 30.00                |                       |          |           |          |                            |         |
| 12                   | BKN       | 250                     |                           |                      | 10.00                 |               | 81                | 62        | 69       | 53  | 10                         | 14                  | 29.90      | 30.01     | 12                      | SCT          | 250                       |                      |         | 10.00                 |          | 79        | 57  | 66                       | 47                         | 6       | 22           | 29.86                     | 29.97                |                       |          |           |          |                            |         |
| 15                   | BKN       | 250                     |                           |                      | 10.00                 |               | 81                | 66        | 71       | 60  | 17                         | 17                  | 29.86      | 29.96     | 15                      | SCT          | 250                       |                      |         | 10.00                 |          | 81        | 55  | 65                       | 41                         | 8       | 19           | 29.77                     | 29.88                |                       |          |           |          |                            |         |
| 18                   | SCT       | 070                     |                           |                      | 10.00                 |               | 78                | 67        | 71       | 69  | 17                         | 14                  | 29.82      | 29.93     | 18                      | SCT          | 250                       |                      |         | 10.00                 |          | 78        | 57  | 65                       | 49                         | 13      | 16           | 29.72                     | 29.83                |                       |          |           |          |                            |         |
| 21                   | SCT       | 055                     |                           |                      | 10.00                 |               | 75                | 67        | 70       | 76  | 16                         | 15                  | 29.86      | 29.96     | 21                      | CLR          | NC                        |                      |         | 10.00                 |          | 70        | 58  | 63                       | 66                         | 8       | 16           | 29.73                     | 29.84                |                       |          |           |          |                            |         |
| 24                   | BKN       | 050                     |                           |                      | 10.00                 |               | 75                | 67        | 70       | 76  | 14                         | 15                  | 29.86      | 29.96     | 24                      | SCT          | 250                       |                      |         | 10.00                 |          | 67        | 58  | 62                       | 73                         | 0       | 00           | 29.73                     | 29.84                |                       |          |           |          |                            |         |
| <b>SUNRISE: 0556</b> |           |                         |                           |                      |                       | <b>APR 14</b> |                   |           |          |   |                            | <b>SUNSET: 1847</b> |            |           |                         |              |                           | <b>SUNRISE: 0550</b> |         |                       |          |           |   | <b>APR 20</b>            |                            |         |              |                           |                      | <b>SUNSET: 1851</b>   |          |           |          |                            |         |
| 03                   | BKN       | 055                     |                           |                      | 10.00                 |               | 75                | 68        | 70       | 79  | 15                         | 16                  | 29.83      | 29.93     | 03                      | FEW          | 030                       |                      |         | 10.00                 |          | 65        | 59  | 61                       | 81                         | 5       | 17           | 29.70                     | 29.80                |                       |          |           |          |                            |         |
| 06                   | BKN       | 060                     |                           |                      | 10.00                 |               | 75                | 67        | 70       | 76  | 16                         | 16                  | 29.84      | 29.95     | 06                      | SCT          | 250                       |                      |         | 10.00                 |          | 62        | 59  | 60                       | 90                         | 0       | 00           | 29.71                     | 29.81                |                       |          |           |          |                            |         |
| 09                   | SCT       | 030                     |                           |                      | 10.00                 |               | 79                | 65        | 70       | 62  | 23                         | 16                  | 29.85      | 29.96     | 09                      | OVC          | 250                       |                      |         | 10.00                 |          | 73        | 60  | 65                       | 64                         | 10      | 18           | 29.74                     | 29.85                |                       |          |           |          |                            |         |
| 12                   | BKN       | 038                     |                           |                      | 10.00                 |               | 83                | 66        | 72       | 57  | 21                         | 15                  | 29.83      | 29.94     | 12                      | OVC          | 033                       |                      |         | 10.00                 |          | 75        | 61  | 66                       | 62                         | 5       | 28           | 29.76                     | 29.87                |                       |          |           |          |                            |         |
| 15                   | OVC       | 038                     |                           |                      | 10.00                 |               | 80                | 66        | 71       | 62  | 22                         | 16                  | 29.79      | 29.90     | 15                      | OVC          | 049                       |                      | 2.50    | TS+RA                 |          | 67        | 61  | 63                       | 81                         | 9       | 31           | 29.72                     | 29.83                |                       |          |           |          |                            |         |
| 18                   | BKN       | 045                     |                           |                      | 10.00                 |               | 78                | 65        | 70       | 64  | 25                         | 15                  | 29.75      | 29.86     | 18                      | OVC          | 200                       |                      |         | 10.00                 |          | 68        | 64  | 66                       | 87                         | 7       | 35           | 29.68                     | 29.79                |                       |          |           |          |                            |         |
| 21                   | OVC       | 042                     |                           |                      | 10.00                 |               | 77                | 68        | 71       | 74  | 17                         | 15                  | 29.77      | 29.88     | 21                      | BKN          | 045                       |                      |         | 10.00                 |          | 64        | 58  | 60                       | 81                         | 13      | 33           | 29.79                     | 29.90                |                       |          |           |          |                            |         |
| 24                   | BKN       | 038                     |                           |                      | 10.00                 |               | 77                | 68        | 71       | 74  | 22                         | 15                  | 29.73      | 29.84     | 24                      | SCT          | 040                       |                      |         | 10.00                 |          | 59        | 52  | 55                       | 78                         | 13      | 35           | 29.82                     | 29.93                |                       |          |           |          |                            |         |
| <b>SUNRISE: 0555</b> |           |                         |                           |                      |                       | <b>APR 15</b> |                   |           |          |   |                            | <b>SUNSET: 1848</b> |            |           |                         |              |                           | <b>SUNRISE: 0549</b> |         |                       |          |           |   | <b>APR 21</b>            |                            |         |              |                           |                      | <b>SUNSET: 1852</b>   |          |           |          |                            |         |
| 03                   | OVC       | 036                     |                           |                      | 10.00                 |               | 77                | 68        | 71       | 74  | 17                         | 16                  | 29.71      | 29.81     | 03                      | CLR          | NC                        |                      |         | 10.00                 |          | 57        | 48  | 52                       | 72                         | 13      | 34           | 29.79                     | 29.90                |                       |          |           |          |                            |         |
| 06                   | BKN       | 031                     |                           |                      | 10.00                 |               | 75                | 67        | 70       | 76  | 17                         | 16                  | 29.70      | 29.81     | 06                      | SCT          | 250                       |                      |         | 10.00                 |          | 54        | 45  | 49                       | 72                         | 13      | 33           | 29.80                     | 29.91                |                       |          |           |          |                            |         |
| 09                   | BKN       | 055                     |                           |                      | 10.00                 |               | 80                | 67        | 71       | 65  | 18                         | 17                  | 29.73      | 29.84     | 09                      | FEW          | 024                       |                      |         | 10.00                 |          | 60        | 47  | 53                       | 62                         | 20      | 36           | 29.86                     | 29.97                |                       |          |           |          |                            |         |
| 12                   | BKN       | 050                     |                           |                      | 10.00                 |               | 83                | 68        | 73       | 61  | 20                         | 17                  | 29.74      | 29.85     | 12                      | CLR          | NC                        |                      |         | 10.00                 |          | 69        | 48  | 57                       | 47                         | 16      | 33           | 29.85                     | 29.96                |                       |          |           |          |                            |         |
| 15                   | OVC       | 060                     |                           |                      | 9.00                  | -RA           | 81                | 71        | 74       | 72  | 13                         | 16                  | 29.70      | 29.80     | 15                      | CLR          | NC                        |                      |         | 10.00                 |          | 75        | 43  | 58                       | 32                         | 18      | 34           | 29.81                     | 29.92                |                       |          |           |          |                            |         |
| 18                   | BKN       | 050                     |                           |                      | 9.00                  | -RA           | 80                | 72        | 75       | 77  | 11                         | 17                  | 29.71      | 29.81     | 18                      | CLR          | NC                        |                      |         | 10.00                 |          | 74        | 40  | 56                       | 29                         | 13      | 35           | 29.81                     | 29.92                |                       |          |           |          |                            |         |
| 21                   | OVC       | 250                     |                           |                      | 10.00                 |               | 78                | 72        | 74       | 82  | 9                          | 16                  | 29.78      | 29.89     | 21                      | CLR          | NC                        |                      |         | 10.00                 |          | 66        | 42  | 54                       | 42                         | 7       | 32           | 29.87                     | 29.98                |                       |          |           |          |                            |         |
| 24                   | OVC       | 013                     |                           |                      | 10.00                 | -RA           | 70                | 63        | 66       | 79  | 0                          | 00                  | 29.79      | 29.90     | 24                      | CLR          | NC                        |                      |         | 10.00                 |          | 60        | 44  | 52                       | 56                         | 3       | 33           | 29.89                     | 30.00                |                       |          |           |          |                            |         |
| <b>SUNRISE: 0554</b> |           |                         |                           |                      |                       | <b>APR 16</b> |                   |           |          |   |                            | <b>SUNSET: 1849</b> |            |           |                         |              |                           | <b>SUNRISE: 0548</b> |         |                       |          |           |   | <b>APR 22</b>            |                            |         |              |                           |                      | <b>SUNSET: 1852</b>   |          |           |          |                            |         |
| 03                   | OVC       | 090                     |                           |                      | 10.00                 |               | 69                | 61        | 64       | 76  | 8                          | 33                  | 29.82      | 29.92     | 03                      | CLR          | NC                        |                      |         | 10.00                 |          | 56        | 45  | 50                       | 67                         | 0       | 00           | 29.89                     | 30.00                |                       |          |           |          |                            |         |
| 06                   | OVC       | 080                     |                           |                      | 9.00                  | -RA           | 64                | 61        | 62       | 90  | 13                         | 14                  | 29.87      | 29.98     | 06                      | CLR          | NC                        |                      |         | 10.00                 |          | 52        | 47  | 49                       | 83                         | 0       | 00           | 29.91                     | 30.01                |                       |          |           |          |                            |         |
| 09                   | BKN       | 095                     |                           |                      | 10.00                 |               | 67                | 62        | 64       | 84  | 6                          | 06                  | 29.96      | 30.07     | 09                      | CLR          | NC                        |                      |         | 10.00                 |          | 71        | 48  | 58                       | 44                         | 8       | 36           | 29.97                     | 30.08                |                       |          |           |          |                            |         |
| 12                   | SCT       | 025                     |                           |                      | 4.00                  |               | 64                | 62        | 63       | 93  | 6                          | 17                  | 30.03      | 30.15     | 12                      | CLR          | NC                        |                      |         | 10.00                 |          | 80        | 49  | 62                       | 34                         | 7       | 32           | 29.95                     | 30.06                |                       |          |           |          |                            |         |
| 15                   | OVC       | 130                     |                           |                      | 10.00                 |               | 66                | 62        | 64       | 87  | 13                         | 04                  | 29.94      | 30.04     | 15                      | CLR          | NC                        |                      |         | 10.00                 |          | 85        | 49  | 64                       | 29                         | 11      | 34           | 29.89                     | 30.00                |                       |          |           |          |                            |         |
| 18                   | BKN       | 120                     |                           |                      | 10.00                 |               | 67                | 61        | 63       | 81  | 11                         | 05                  | 29.92      | 30.03     | 18                      | CLR          | NC                        |                      |         | 10.00                 |          | 84        | 51  | 64                       | 32                         | 7       | 33           | 29.87                     | 29.98                |                       |          |           |          |                            |         |
| 21                   | OVC       | 250                     |                           |                      | 10.00                 |               | 64                | 59        | 61       | 84  | 9                          | 01                  | 29.98      | 30.09     | 21                      | CLR          | NC                        |                      |         | 10.00                 |          | 77        | 51  | 62                       | 40                         | 7       | 35           | 29.94                     | 30.05                |                       |          |           |          |                            |         |
| 24                   | OVC       | 180                     |                           |                      | 10.00                 |               | 63                | 57        | 60       | 81  | 6                          | 05                  | 29.98      | 30.10     | 24                      | CLR          | NC                        |                      |         | 10.00                 |          | 70        | 45  | 57                       | 41                         | 13      | 01           | 29.98                     | 30.09                |                       |          |           |          |                            |         |
| <b>SUNRISE: 0553</b> |           |                         |                           |                      |                       | <b>APR 17</b> |                   |           |          |   |                            | <b>SUNSET: 1849</b> |            |           |                         |              |                           | <b>SUNRISE: 0547</b> |         |                       |          |           |   | <b>APR 23</b>            |                            |         |              |                           |                      | <b>SUNSET: 1853</b>   |          |           |          |                            |         |
| 03                   | OVC       | 012                     |                           |                      | 10.00                 |               | 62                | 58        | 60       | 87  | 8                          | 36                  | 29.97      | 30.08     | 03                      | CLR          | NC                        |                      |         | 10.00                 |          | 64        | 39  | 52                       | 40                         | 8       | 03           | 30.01                     | 30.12                |                       |          |           |          |                            |         |
| 06                   | OVC       | 010                     |                           |                      | 10.00                 |               | 63                | 60        | 61       | 90  | 6                          | 01                  | 30.01      | 30.12     | 06                      | FEW          | 070                       |                      |         | 10.00                 |          | 58        | 40  | 49                       | 51                         | 5       | 02           | 30.06                     | 30.17                |                       |          |           |          |                            |         |
| 09                   | BKN       | 010                     |                           |                      | 10.00                 |               | 69                | 62        | 65       | 79  | 9                          | 05                  | 30.06      | 30.17     | 09                      | SCT          | 120                       |                      |         | 10.00                 |          | 67        | 40  | 53                       | 37                         | 13      | 03           | 30.11                     | 30.22                |                       |          |           |          |                            |         |
| 12                   | SCT       | 033                     |                           |                      | 10.00                 |               | 78                | 62        | 68       | 58  | 5                          | 01                  | 30.03      | 30.15     | 12                      | CLR          | NC                        |                      |         | 10.00                 |          | 72        | 36  | 54                       | 27                         | 7       | VR           | 30.06                     | 30.18                |                       |          |           |          |                            |         |
| 15                   | SCT       | 048                     |                           |                      | 10.00                 |               | 82                | 58        | 67       | 44  | 10                         | 03                  | 29.98      | 30.09     | 15                      | SCT          | 250                       |                      |         | 10.00                 |          | 78        | 41  | 58                       | 27                         | 7       | 32           | 29.98                     | 30.10                |                       |          |           |          |                            |         |
| 18                   | FEW       | 050                     |                           |                      | 10.00                 |               | 76                | 56        | 64       | 50  | 14                         | 06                  | 30.00      | 30.11     | 18                      | CLR          | NC                        |                      |         | 10.00                 |          | 76        | 39  | 57                       | 26                         | 7       | 34           | 29.94                     | 30.05                |                       |          |           |          |                            |         |
| 21                   | FEW       | 045                     |                           |                      | 10.00                 |               | 70                | 56        | 62       | 61  | 8                          | 07                  | 30.05      | 30.15     | 21                      | FEW          | 250                       |                      |         | 10.00                 |          | 63        | 45  | 54                       | 52                         | 0       | 00           | 29.96                     | 30.07                |                       |          |           |          |                            |         |
| 24                   | CLR       | NC                      |                           |                      | 10.00                 |               | 62                | 56        | 59       | 81  | 7                          | 07                  | 30.05      | 30.16     | 24                      | CLR          | NC                        |                      |         | 10.00                 |          | 57        | 47  | 52                       | 69                         | 0       | 00           | 29.97                     | 30.08                |                       |          |           |          |                            |         |
| <b>SUNRISE: 0552</b> |           |                         |                           |                      |                       | <b>APR 18</b> |                   |           |          |   |                            | <b>SUNSET: 1850</b> |            |           |                         |              |                           | <b>SUNRISE: 0546</b> |         |                       |          |           |   | <b>APR 24</b>            |                            |         |              |                           |                      | <b>SUNSET: 1854</b>   |          |           |          |                            |         |
| 03                   | CLR       | NC                      |                           |                      | 10.00                 |               | 58                | 54        | 56       | 87  | 5                          | 09                  | 30.05      | 30.15     | 03                      | CLR          | NC                        |                      |         | 10.00                 |          | 54        | 50  | 52                       | 86                         | 0       | 00           | 29.94                     | 30.05                |                       |          |           |          |                            |         |
| 06                   | CLR       | NC                      |                           |                      | 10.00                 |               | 56                | 53        | 54       | 90  | 3                          | 02                  | 30.06      | 30.17     | 06                      | FEW          | 250                       |                      |         | 10.00                 |          | 53        | 50  | 51                       | 90                         | 0       | 00           | 29.96                     | 30.06                |                       |          |           |          |                            |         |
| 09                   | CLR       | NC                      |                           |                      | 10.00                 |               | 66                | 53        | 59       | 63  | 7                          | 07                  | 30.08      | 30.19     | 09                      | FEW          | 100                       |                      |         | 10.00                 |          | 70        | 54  | 61                       | 57                         | 6       | 22           | 29.98                     | 30.10                |                       |          |           |          |                            |         |
| 12                   | FEW       | 250                     |                           |                      | 10.00                 |               | 75                | 46        | 59       | 36  | 3                          | 11                  | 30.03      | 30.15     | 12                      | CLR          | NC                        |                      |         | 10.00                 |          | 78        | 53  | 63                       | 42                         | 7       | 16           | 29.95                     | 30.06                |                       |          |           |          |                            |         |
| 15                   | CLR       | NC                      |                           |                      | 10.00                 |               | 79                | 46        | 61       | 31  | 5                          | VR                  | 29.95      | 30.06     | 15                      | FEW          | 050                       |                      |         | 10.00                 |          | 82        | 56  | 66                       | 41                         | 7       | 21           | 29.89                     | 29.99                |                       |          |           |          |                            |         |
| 18                   | FEW       | 250                     |                           |                      | 10.00                 |               | 79                | 46        | 61       | 31  | 7                          | 04                  | 29.91      | 30.02     | 18                      | SCT          | 250                       |                      |         | 10.00                 |          | 78        | 57  | 65                       | 49                         | 9       | 19           | 29.85                     | 29.96                |                       |          |           |          |                            |         |
| 21                   | CLR       | NC                      |                           |                      | 10.00                 |               | 64                | 51        | 57       | 63  | 6                          | 11                  | 29.92      | 30.03     | 21                      | FEW          | 250                       |                      |         | 10.00                 |          | 70        | 57  | 62                       | 64                         | 7       | 18           | 29.88                     | 29.98                |                       |          |           |          |                            |         |
| 24                   | CLR       | NC                      |                           |                      | 10.00                 |               | 60                | 53        | 56       | 78  | 0                          | 00                  | 29.92      | 30.03     | 24                      | CLR          | NC                        |                      |         | 10.00                 |          | 67        | 58  | 62                       | 73                         | 5       | 17           | 29.86                     | 29.97                |                       |          |           |          |                            |         |



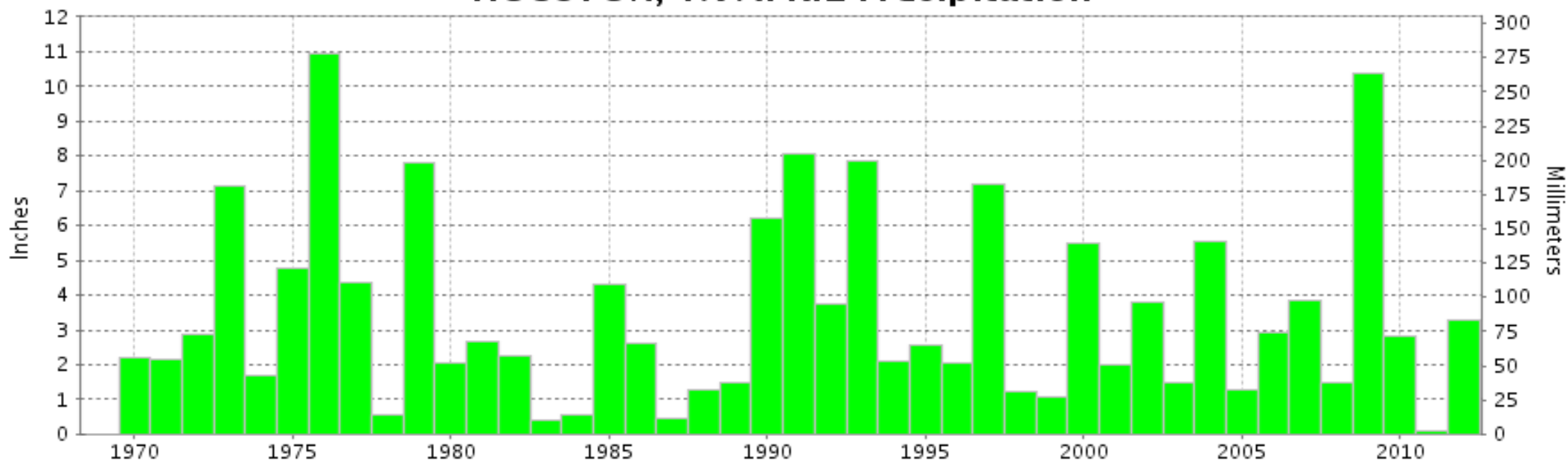
## HOUSTON, TX APRIL Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1970-2012) Mean: 69.0  
1971-2000 Normal: 69.5

## HOUSTON, TX APRIL Precipitation



Long-Term (1970-2012) Mean Monthly Total: 3.39

1971-2000 Normal: 3.31



**APRIL 2012  
HOUSTON, TX**

**LOCAL CLIMATOLOGICAL DATA  
NOAA, National Climatic Data Center**

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A handwritten signature in black ink, appearing to read "Thomas R. Karl".

**DIRECTOR**

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