



# FEBRUARY 2004

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# HOUSTON, TX

G BUSH INTCNTL APT/HOU APT (IAH)  
 Lat: 29°59' N Long: 95°21' W Elev (Ground): 118 Feet  
 Time Zone: CENTRAL WBAN: 12960 ISSN #:0198-5094

FEBRUARY 2004  
HOUSTON, TX

| DATE                    | TEMPERATURE °F |         |         |                 |                |                  | DEG DAYS BASE 65° |         | WEATHER       | SNOW/ICE ON GND(IN)                            |          | PRECIPITATION (INCHES) |          | PRESSURE (INCHES OF HG) |                                   | WIND SPEED = MPH DIR = TENS OF DEGREES |         |               |                    |                                    |           | DATE |     |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|-------------------------|----------------|---------|---------|-----------------|----------------|------------------|-------------------|---------|---------------|--|----------|------------------------|----------|-------------------------|-----------------------------------|--|---------|---------------|--------------------|------------------------------------|-----------|------|-----|------|-------|-------|--|----|-----|---------------------------------|--|--|--|--|--|--|--|--|--|--------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|
|                         | MAXIMUM        | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE DEW PT | AVERAGE WET BULB | HEATING           | COOLING |               | 0600 LST                                       | 1200 LST | 2400 LST               | 2400 LST | AVERAGE STATION         | AVERAGE SEA LEVEL                 | RESULTANT SPEED                        | RES DIR | AVERAGE SPEED | MAXIMUM            |                                    |           |      |     |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|                         |                |         |         |                 |                |                  |                   |         |               |  |          |                        |          |                         |                                   |  |         |               | 5-SEC              |                                    | 2-MIN     |      |     |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|                         |                |         |         |                 |                |                  |                   |         |               |  |          |                        |          |                         |                                   |  |         |               | SPEED              | DIR                                | SPEED     |      | DIR |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 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                      | 62             | 51      | 57      | 4               | 50             | 52               | 8                 | 0       | TS TSRA BR    | 0  |          | 0.0                    | 0.40     | 29.78                   | 29.89                             | 7.7                                    | 10      | 9.2           | 24                 | 14                                 | 22        | 14   | 01  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 02                      | 60             | 43      | 52      | -1              | 41             | 47               | 13                | 0       | TSRA BR       | 0  |          | 0.0                    | 0.06     | 30.00                   | 30.12                             | 9.5                                    | 33      | 10.3          | 28                 | 31                                 | 22        | 33   | 02  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 03                      | 58             | 36      | 47      | -6              | 32             | 41               | 18                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.13                   | 30.24                             | 6.5                                    | 07      | 8.2           | 20                 | 06                                 | 17        | 07   | 03  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 04                      | 58             | 48      | 53      | 0               | 45             | 49               | 12                | 0       | RA FG+ BR     | 0  |          | 0.0                    | 0.06     | 29.82                   | 29.93                             | 11.3                                   | 10      | 12.0          | 25                 | 09                                 | 21        | 10   | 04  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 05                      | 61             | 47      | 54      | 1               | 49             | 51               | 11                | 0       | RA FG+ BR     | 0  |          | 0.0                    | 0.93     | 29.76                   | 29.88                             | 8.5                                    | 35      | 9.2           | 25                 | 30                                 | 20        | 32   | 05  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 06                      | 57             | 40      | 49      | -5              | 37             | 44               | 16                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.09                   | 30.21                             | 12.0                                   | 33      | 12.2          | 28                 | 33                                 | 22        | 33   | 06  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 07                      | 58             | 32*     | 45      | -9              | 28             | 38               | 20                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.32                   | 30.44                             | 4.1                                    | 35      | 5.1           | 18                 | 36                                 | 15        | 36   | 07  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 08                      | 56             | 40      | 48      | -6              | 37             | 43               | 17                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.23                   | 30.35                             | 11.9                                   | 11      | 12.4          | 28                 | 14                                 | 23        | 14   | 08  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 09                      | 70             | 52      | 61      | 7               | 56             | 58               | 4                 | 0       | RA DZ BR      | 0  |          | 0.0                    | 0.04     | 30.05                   | 30.17                             | 9.4                                    | 12      | 10.0          | 22                 | 15                                 | 20        | 14   | 09  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 10                      | 62             | 49      | 56      | 2               | 52             | 53               | 9                 | 0       | RA BR         | 0  |          | 0.0                    | 1.45     | 30.01                   | 30.12                             | 9.3                                    | 02      | 9.9           | 25                 | 02                                 | 18        | 01   | 10  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 11                      | 55             | 46      | 51      | -4              | 50             | 51               | 14                | 0       | RA DZ BR      | 0  |          | 0.0                    | 0.55     | 29.86                   | 29.97                             | 7.5                                    | 02      | 9.2           | 25                 | 33                                 | 21        | 33   | 11  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 12                      | 48             | 44      | 46      | -9              | 40             | 43               | 19                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.12                   | 30.23                             | 14.4                                   | 36      | 14.6          | 30                 | 01                                 | 24        | 01   | 12  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 13                      | 45             | 39      | 42      | -13             | 37             | 39               | 23                | 0       | RA BR         | 0  |          | 0.0                    | 0.10     | 30.14                   | 30.25                             | 7.9                                    | 36      | 8.9           | 17                 | 01                                 | 15        | 01   | 13  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 14                      | 43             | 36      | 40*     | -15             | 35             | 38               | 25                | 0       | RA BR         | 0  |          | 0.0                    | 0.39     | 29.96                   | 30.07                             | 10.0                                   | 31      | 10.4          | 29                 | 31                                 | 22        | 32   | 14  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 15                      | 60             | 34      | 47      | -8              | 36             | 41               | 18                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.07                   | 30.19                             | 5.2                                    | 35      | 6.4           | 20                 | 36                                 | 17        | 36   | 15  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 16                      | 64             | 39      | 52      | -4              | 41             | 46               | 13                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.19                   | 30.31                             | 2.5                                    | 14      | 4.3           | 16                 | 14                                 | 14        | 14   | 16  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 17                      | 70             | 43      | 57      | 1               | 42             | 49               | 8                 | 0       | FG+ BR        | 0  |          | 0.0                    | 0.00     | 30.30                   | 30.42                             | 5.3                                    | 34      | 6.9           | 24                 | 01                                 | 18        | 01   | 17  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 18                      | 68             | 41      | 55      | -1              | 45             | 50               | 10                | 0       | BR            | 0  |          | 0.0                    | 0.00     | 30.31                   | 30.43                             | 5.7                                    | 15      | 6.9           | 18                 | 13                                 | 16        | 13   | 18  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 19                      | 72             | 50      | 61      | 5               | 52             | 56               | 4                 | 0       | BR            | 0  |          | 0.0                    | 0.00     | 29.90                   | 30.01                             | 12.0                                   | 17      | 12.1          | 31                 | 16                                 | 25        | 16   | 19  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 20                      | 76*            | 56      | 66*     | 10              | 55             | 60               | 0                 | 1       | BR            | 0  |          | 0.0                    | 0.00     | 29.77                   | 29.89                             | 2.9                                    | 29      | 6.7           | 24                 | 25                                 | 16        | 35   | 20  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 21                      | 72             | 47      | 60      | 3               | 40             | 50               | 5                 | 0       |               | 0  |          | 0.0                    | 0.00     | 29.97                   | 30.08                             | 4.3                                    | 06      | 6.1           | 20                 | 05                                 | 17        | 07   | 21  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 22                      | 74             | 49      | 62      | 5               | 51             | 55               | 3                 | 0       | TSRA RA BR HZ | 0  |          | 0.0                    | 0.58     | 29.92                   | 30.03                             | 6.8                                    | 09      | 8.3           | 23                 | 08                                 | 21        | 10   | 22  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 23                      | 67             | 58      | 63      | 6               | 59             | 60               | 2                 | 0       | RA BR         | 0  |          | 0.0                    | 0.02     | 29.74                   | 29.85                             | 5.7                                    | 05      | 6.7           | 12                 | 10                                 | 10        | 06   | 23  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 24                      | 65             | 57      | 61      | 4               | 58             | 59               | 4                 | 0       | TSRA RA BR    | 0  |          | 0.0                    | 0.48     | 29.67                   | 29.78                             | 6.0                                    | 04      | 7.9           | 24                 | 04                                 | 22        | 04   | 24  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 25                      | 57             | 45      | 51      | -7              | 45             | 47               | 14                | 0       | TS TSRA RA BR | 0  |          | 0.0                    | 0.03     | 29.75                   | 29.86                             | 9.1                                    | 32      | 10.9          | 29                 | 34                                 | 24        | 34   | 25  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 26                      | 61             | 40      | 51      | -7              | 38             | 44               | 14                | 0       | BR HZ         | 0  |          | 0.0                    | 0.00     | 30.03                   | 30.14                             | 6.6                                    | 32      | 7.3           | 18                 | 33                                 | 16        | 33   | 26  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 27                      | 63             | 43      | 53      | -5              | 41             | 47               | 12                | 0       |               | 0  |          | 0.0                    | 0.00     | 30.13                   | 30.25                             | 6.5                                    | 12      | 7.1           | 18                 | 11                                 | 14        | 13   | 27  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 28                      | 65             | 43      | 54      | -4              | 49             | 53               | 11                | 0       | BR            | 0  |          | 0.0                    | 0.00     | 30.05                   | 30.17                             | 11.3                                   | 12      | 11.5          | 33*                | 13                                 | 26*       | 14   | 28  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| 29                      | 72             | 56      | 64      | 6               | 59             | 61               | 1                 | 0       | RA DZ FG BR   | 0  |          | 0.0                    | 0.49     | 29.83                   | 29.94                             | 9.0                                    | 14      | 11.6          | 26                 | 17                                 | 24        | 14   | 29  |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|                         |                |         |         |                 |                |                  |                   |         |               | 62.0   |          | 45.0                   | 53.5     | ■ ■                     | 44.8                              | 49.1                                   | 11.3    | 0.0           | < MONTHLY AVERAGES |                                    | TOTALS--> |      | 0.0 | 5.58 | 30.00 | 30.11 | 3.0  | 04 | 9.1 | <-- MONTHLY AVERAGES            |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|                         |                |         |         |                 |                |                  |                   |         |               | -4.5   |          | 0.7                    | -1.9     | ■ ■                     | <-----DEPARTURE FROM NORMAL-----> |  |         |               |                    |                                    |           |      |     |      | 2.60  |       | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| <b>DEGREE DAYS</b>      |                |         |         |                 |                |                  |                   |         |               | GREATEST 24-HR PRECIPITATION: 1.61 DATE: 10-11 |          |                        |          |                         |                                   |  |         |               |                    | SEA LEVEL PRESSURE DATE TIME       |           |      |     |      |       |       |  |    |     |                                 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| MONTHLY TOTAL DEPARTURE |                |         |         |                 |                |                  |                   |         |               | SEASON TO DATE TOTAL DEPARTURE                 |          |                        |          |                         |                                   |  |         |               |                    | GREATEST 24-HR SNOWFALL: 0.0 DATE: |           |      |     |      |       |       |  |    |     | MAXIMUM MINIMUM : 30.53 18 0853 |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| HEATING: 328 23         |                |         |         |                 |                |                  |                   |         |               | 1115 -211                                      |          |                        |          |                         |                                   |  |         |               |                    | GREATEST SNOW DEPTH: 0 DATE:       |           |      |     |      |       |       |  |    |     | MINIMUM TEMP ≤ 32 : 1           |  |  |  |  |  |  |  |  |  | PRECIPITATION ≥ 0.01 INCH : 14 |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| COOLING: 1 -20          |                |         |         |                 |                |                  |                   |         |               | 18 -18   |          |                        |          |                         |                                   |  |         |               |                    | NUMBER OF DAYS WITH →              |           |      |     |      |       |       |  |    |     | MAXIMUM TEMP ≥ 90: 0            |  |  |  |  |  |  |  |  |  | MINIMUM TEMP ≤ 0 : 0           |  |  |  |  |  |  |  |  |  | PRECIPITATION ≥ 0.10 INCH : 9 |  |  |  |  |  |  |  |  |  |
|                         |                |         |         |                 |                |                  |                   |         |               |  |          |                        |          |                         |                                   |  |         |               |                    |                                    |           |      |     |      |       |       |  |    |     | THUNDERSTORMS : 5               |  |  |  |  |  |  |  |  |  | HEAVY FOG : 3                  |  |  |  |  |  |  |  |  |  | SNOWFALL ≥ 1.0 INCH : 0       |  |  |  |  |  |  |  |  |  |

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# HOUSTON, TX

FEBRUARY 2004

IAH

WBAN # 12960

| DATE | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |      |      |      |      | DATE | FOR HOUR (LST) ENDING AT |      |    |      |      |      |      |      |      |      |      |      | DATE | Sum if Different (See Note) | 2400 LST     |
|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|----|------|------|------|------|------|------|------|------|------|------|-----------------------------|--------------|
|      | 1                        | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |      | 13                       | 14   | 15 | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |      |                             | Water Equiv. |
| 01   |                          |      |      |      |      |      |      |      |      |      |      |      | 01   |                          |      |    |      |      |      |      |      |      |      |      | 01   |      | 0.40                        |              |
| 02   |                          |      |      |      | 0.06 |      | T    |      |      |      |      |      | 02   |                          |      |    |      |      |      |      |      |      |      |      | 02   |      | 0.06                        |              |
| 03   |                          |      |      |      |      |      |      |      |      |      |      |      | 03   |                          |      |    |      |      |      |      |      |      |      |      | 03   |      | 0.00                        |              |
| 04   |                          |      |      |      |      |      |      |      |      |      |      |      | 04   | T                        |      | T  | 0.01 | T    | T    | 0.01 | T    | 0.04 | T    |      | 04   |      | 0.06                        |              |
| 05   |                          | 0.02 | 0.16 | 0.22 | 0.09 | 0.06 | 0.27 | 0.08 | T    | 0.03 |      | T    | 05   |                          |      |    |      |      |      |      |      |      |      | 05   |      | 0.93 |                             |              |
| 06   |                          |      |      |      |      |      |      |      |      |      |      |      | 06   |                          |      |    |      |      |      |      |      |      |      |      | 06   |      | 0.00                        |              |
| 07   |                          |      |      |      |      |      |      |      |      |      |      |      | 07   |                          |      |    |      |      |      |      |      |      |      |      | 07   |      | 0.00                        |              |
| 08   |                          |      |      |      |      |      |      |      |      |      |      |      | 08   |                          |      |    |      |      |      |      |      |      |      |      | 08   |      | 0.00                        |              |
| 09   |                          |      |      | T    | T    |      | T    | T    |      |      |      |      | 09   |                          |      |    |      |      | T    |      |      |      |      | 09   |      | 0.04 |                             |              |
| 10   |                          |      |      | 0.11 | 0.08 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.07 | 0.08 | 10   | 0.02                     | 0.02 | T  | 0.11 | 0.15 | 0.13 | 0.04 | 0.08 | 0.07 | 0.24 | 0.01 | 0.03 | 0.04 | 1.45                        |              |
| 11   | T                        | 0.01 | T    | T    | 0.03 | 0.06 | 0.24 | 0.06 | T    | 0.02 | 0.01 | 0.03 | 11   | 0.05                     | T    | T  | 0.01 |      | 0.02 | 0.01 | T    |      |      | T    | T    | 11   | 0.55                        |              |
| 12   |                          |      |      |      |      |      |      |      |      |      |      |      | 12   |                          |      |    |      |      |      |      |      |      |      |      | 12   |      | 0.00                        |              |
| 13   |                          |      |      |      |      |      |      |      |      |      |      |      | 13   | 0.02                     |      |    |      | T    | 0.01 | 0.01 | T    | 0.01 |      |      | 13   |      | 0.10                        |              |
| 14   | 0.01                     | T    | T    | 0.09 | 0.07 | 0.05 | 0.11 | 0.06 | T    | 0.01 | 0.02 | 0.01 | 14   |                          |      |    |      |      |      |      |      |      |      | 14   |      | 0.39 |                             |              |
| 15   |                          |      |      |      |      |      |      |      |      |      |      |      | 15   |                          |      |    |      |      |      |      |      |      |      |      | 15   |      | 0.00                        |              |
| 16   |                          |      |      |      |      |      |      |      |      |      |      |      | 16   |                          |      |    |      |      |      |      |      |      |      |      | 16   |      | 0.00                        |              |
| 17   |                          |      |      |      |      |      |      |      |      |      |      |      | 17   |                          |      |    |      |      |      |      |      |      |      |      | 17   |      | 0.00                        |              |
| 18   |                          |      |      |      |      |      |      |      |      |      |      |      | 18   |                          |      |    |      |      |      |      |      |      |      |      | 18   |      | 0.00                        |              |
| 19   |                          |      |      |      |      |      |      |      |      |      |      |      | 19   |                          |      |    |      |      |      |      |      |      |      |      | 19   |      | 0.00                        |              |
| 20   |                          |      |      |      |      |      |      |      |      |      |      |      | 20   |                          |      |    |      |      |      |      |      |      |      |      | 20   |      | 0.00                        |              |
| 21   |                          |      |      |      |      |      |      |      |      |      |      |      | 21   |                          |      |    |      |      |      |      |      |      |      |      | 21   |      | 0.00                        |              |
| 22   |                          |      |      |      |      |      |      |      |      |      |      |      | 22   |                          |      |    |      |      | 0.14 | 0.06 | 0.29 | 0.09 |      |      | T    | 22   | 0.58                        |              |
| 23   |                          |      | T    | 0.01 | T    |      | T    | 0.01 | 0.03 |      | T    | 0.01 | 23   |                          |      |    |      |      |      |      |      |      |      |      | 23   |      | 0.02                        |              |
| 24   | 0.01                     |      |      | T    |      |      | T    | 0.01 |      |      |      |      | 24   | T                        |      |    | T    | 0.01 | 0.04 |      |      | T    |      | 0.38 | 24   |      | 0.48                        |              |
| 25   | 0.01                     |      |      |      |      |      |      |      |      |      |      |      | 25   | 0.01                     | T    | T  | T    |      |      |      |      |      |      |      | 25   |      | 0.03                        |              |
| 26   |                          |      |      |      |      |      |      |      |      |      |      |      | 26   |                          |      |    |      |      |      |      |      |      |      |      | 26   |      | 0.00                        |              |
| 27   |                          |      |      |      |      |      |      |      |      |      |      |      | 27   |                          |      |    |      |      |      |      |      |      |      |      | 27   |      | 0.00                        |              |
| 28   |                          |      |      |      |      |      |      |      |      |      |      |      | 28   |                          |      |    |      |      |      |      |      |      |      |      | 28   |      | 0.00                        |              |
| 29   |                          |      |      |      |      |      | T    | T    | T    | 0.01 | 0.05 | T    | 29   |                          |      | T  | 0.02 | 0.33 | T    |      | 0.08 | T    |      | T    | 29   |      | 0.49                        |              |

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | .20  | .32  | .35  | .37  | .37  | .40  | .40  | .40  | .47  | .47  | .53  | .53  |
| Ending Date            | 29   | 05   | 05   | 05   | 05   | 01   | 01   | 01   | 05   | 05   | 05   | 05   |
| Ending Time (Hour/Min) | 1724 | 0257 | 0303 | 0303 | 0303 | 2328 | 2328 | 2328 | 0419 | 0419 | 0516 | 0516 |

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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.

## REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less  
BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

### WEATHER NOTATIONS

| QUALIFIER          | WEATHER PHENOMENA                 |                    |                                    |
|--------------------|-----------------------------------|--------------------|------------------------------------|
|                    | PRECIPITATION                     | OBSCURATION        | OTHER                              |
| BC Patches         | DZ Drizzle                        | BR Mist            | DS Duststorm                       |
| BL Blowing         | GR Hail                           | DU Widespread Dust | FC Funnel Cloud                    |
| DR Low Drifting    | GS Small Hail and/or Snow Pellets | FG Fog             | +FC Tornado Waterspout             |
| FZ Freezing        | IC Ice Crystals                   | FU Smoke           | PO Well-Developed Dust/Sand Whirls |
| MI Shallow         | PL Ice Pellets                    | HZ Haze            | SQ Squalls                         |
| PR Partial         | RA Rain                           | PY Spray           | SS Sandstorm                       |
| SH Shower(s)       | SG Snow Grains                    | SA Sand            | GL Glaze                           |
| TS Thunderstorm    | SN Snow                           | VA Volcanic Ash    |                                    |
| VC In the Vicinity | UP Unknown Precipitation          |                    |                                    |

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    ' ' = Moderate    '-' = Light

## HOUSTON, TX FEBRUARY 2004

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

### ADDITIONAL NOTES:

| DATE   | SUNSHINE      |                  | CLOUDINESS (OKTAS) |           |            |           | VISIBILITY (MILES) |         | RESERVED |
|--|---------------|------------------|--------------------|-----------|------------|-----------|--------------------|---------|----------|
|  | TOTAL MINUTES | PERCENT POSSIBLE | SR–SS              |           | MN–MN      |           | MINIMUM            | MAXIMUM |          |
|  |               |                  | CEILOMETER         | SATELLITE | CEILOMETER | SATELLITE |                    |         |          |
| 01   |               |                  |                    |           |            |           | 2.00               | 10.00   |          |
| 02   |               |                  |                    |           |            |           | 4.00               | 10.00   |          |
| 03   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 04   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 05   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 06   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 07   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 08   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 09   |               |                  |                    |           |            |           | 2.50               | 10.00   |          |
| 10   |               |                  |                    |           |            |           | 2.00               | 10.00   |          |
| 11   |               |                  |                    |           |            |           | .75                | 10.00   |          |
| 12   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 13   |               |                  |                    |           |            |           | 1.00               | 10.00   |          |
| 14   |               |                  |                    |           |            |           | 3.00               | 10.00   |          |
| 15   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 16   |               |                  |                    |           |            |           | 9.00               | 10.00   |          |
| 17   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 18   |               |                  |                    |           |            |           | .50                | 10.00   |          |
| 19   |               |                  |                    |           |            |           | 5.00               | 10.00   |          |
| 20   |               |                  |                    |           |            |           | 6.00               | 10.00   |          |
| 21   |               |                  |                    |           |            |           | 8.00               | 10.00   |          |
| 22   |               |                  |                    |           |            |           | 2.50               | 10.00   |          |
| 23   |               |                  |                    |           |            |           | .06                | 3.00    |          |
| 24   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 25   |               |                  |                    |           |            |           | 2.00               | 10.00   |          |
| 26   |               |                  |                    |           |            |           | 6.00               | 10.00   |          |
| 27   |               |                  |                    |           |            |           | 9.00               | 10.00   |          |
| 28   |               |                  |                    |           |            |           | 6.00               | 10.00   |          |
| 29   |               |                  |                    |           |            |           | .50                | 10.00   |          |
| <b>MONTHLY AVGS</b>  |               |                  |                    |           |            |           | 4.92               | 9.76    |          |
| <b>SUNSHINE (MINUTES)</b>  |               |                  |                    |           |            |           |                    |         |          |
| Total:                      Possible:                      Percent Possible: |               |                  |                    |           |            |           |                    |         |          |
| <b>NUMBER OF DAYS WITH:</b>  |               |                  |                    |           |            |           |                    |         |          |
| <b>SKY CONDITION</b>   |               |                  |                    |           |            |           |                    |         |          |
| CLR   PTLY CLDY   CLOUDY   MISSING   |               |                  |                    |           |            |           |                    |         |          |
| 29   |               |                  |                    |           |            |           |                    |         |          |
| <b>MINIMUM VISIBILITY (MILES)</b>  |               |                  |                    |           |            |           |                    |         |          |
| <=0.25      <=3.0      >=7.0   |               |                  |                    |           |            |           |                    |         |          |
| 4                      13                      10                            |               |                  |                    |           |            |           |                    |         |          |

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

FEBRUARY 2004

IAH

WBAN # 12960

| HOUR (LST)    | SATELLITE |                     | WEATHER | TEMPERATURE °F         |                   |                    |          | WIND         |          | PRESSURE (INCHES, HG)   |             | HOUR (LST)    | SATELLITE             |         | WEATHER | TEMPERATURE °F |           |                     |                        | WIND              |                    | PRESSURE (INCHES, HG) |           |          |                         |             |                       |         |           |
|---------------|-----------|---------------------|---------|------------------------|-------------------|--------------------|----------|--------------|----------|-------------------------|-------------|---------------|-----------------------|---------|---------|----------------|-----------|---------------------|------------------------|-------------------|--------------------|-----------------------|-----------|----------|-------------------------|-------------|-----------------------|---------|-----------|
|               | SKY COVER | CEILING 100'S OF FT |         | OBSERVATION TIME (LST) | EFF CLD AMT Oktas | VISIBILITY (MILES) | DRY BULB | DEW POINT    | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) |               | DIRECTION TENS OF DEG | STATION |         | SEA LEVEL      | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT Oktas | VISIBILITY (MILES) | DRY BULB              | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | SEA LEVEL |
|               |           |                     |         |                        |                   |                    |          |              |          |                         |             |               |                       |         |         |                |           |                     |                        |                   |                    |                       |           |          |                         |             |                       |         |           |
| SUNRISE: 0712 |           |                     |         | FEB 01                 |                   |                    |          | SUNSET: 1758 |          |                         |             | SUNRISE: 0708 |                       |         |         | FEB 07         |           |                     |                        | SUNSET: 1802      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | OVC       | 011                 |         | 10.00                  | 52                | 46                 | 49       | 80           | 8        | 10                      | 29.76       | 29.88         | 03                    | FEW     | NC      |                | 10.00     | 36                  | 32                     | 34                | 86                 | 0                     | 00        | 30.29    | 30.41                   |             |                       |         |           |
| 06            | OVC       | 015                 |         | 9.00                   | 51                | 47                 | 49       | 86           | 5        | 05                      | 29.74       | 29.86         | 06                    | FEW     | NC      |                | 10.00     | 35                  | 31                     | 33                | 85                 | 0                     | 00        | 30.31    | 30.43                   |             |                       |         |           |
| 09            | OVC       | 013                 |         | 7.00                   | 51                | 48                 | 50       | 89           | 7        | 06                      | 29.80       | 29.92         | 09                    | FEW     | NC      |                | 10.00     | 41                  | 31                     | 37                | 67                 | 8                     | 32        | 30.36    | 30.48                   |             |                       |         |           |
| 12            | OVC       | 019                 |         | 10.00                  | 57                | 49                 | 53       | 75           | 10       | 09                      | 29.80       | 29.92         | 12                    | FEW     | NC      |                | 10.00     | 50                  | 22                     | 39                | 33                 | 10                    | 34        | 30.37    | 30.49                   |             |                       |         |           |
| 15            | BKN       | 021                 |         | 10.00                  | 62                | 52                 | 56       | 70           | 10       | 12                      | 29.75       | 29.88         | 15                    | FEW     | NC      |                | 10.00     | 57                  | 21                     | 43                | 25                 | 14                    | 36        | 30.29    | 30.41                   |             |                       |         |           |
| 18            | BKN       | 070                 |         | 10.00                  | 60                | 52                 | 56       | 75           | 10       | 11                      | 29.75       | 29.87         | 18                    | SCT     | NC      |                | 10.00     | 54                  | 28                     | 43                | 37                 | 5                     | 04        | 30.28    | 30.40                   |             |                       |         |           |
| 21            | SCT       | NC                  |         | 10.00                  | 56                | 52                 | 54       | 87           | 10       | 12                      | 29.77       | 29.89         | 21                    | FEW     | NC      |                | 10.00     | 48                  | 27                     | 39                | 44                 | 5                     | 06        | 30.33    | 30.45                   |             |                       |         |           |
| 24            | BKN       | 055                 | TS      | 8.00                   | 56                | 54                 | 55       | 93           | 9        | 12                      | 29.79       | 29.91         | 24                    | BKN     | 250     |                | 10.00     | 42                  | 31                     | 38                | 65                 | 3                     | 05        | 30.33    | 30.45                   |             |                       |         |           |
| SUNRISE: 0711 |           |                     |         | FEB 02                 |                   |                    |          | SUNSET: 1759 |          |                         |             | SUNRISE: 0707 |                       |         |         | FEB 08         |           |                     |                        | SUNSET: 1803      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | OVC       | 010                 |         | 8.00                   | 55                | 54                 | 54       | 96           | 6        | 10                      | 29.79       | 29.91         | 03                    | BKN     | 250     |                | 10.00     | 41                  | 31                     | 37                | 67                 | 0                     | 00        | 30.31    | 30.43                   |             |                       |         |           |
| 06            | OVC       | 005                 |         | 8.00                   | 55                | 53                 | 54       | 93           | 7        | 34                      | 29.87       | 29.99         | 06                    | OVC     | 250     |                | 10.00     | 42                  | 28                     | 37                | 58                 | 9                     | 10        | 30.29    | 30.41                   |             |                       |         |           |
| 09            | SCT       | NC                  |         | 10.00                  | 48                | 40                 | 44       | 74           | 16       | 33                      | 30.04       | 30.16         | 09                    | OVC     | 250     |                | 10.00     | 43                  | 28                     | 37                | 56                 | 10                    | 10        | 30.31    | 30.43                   |             |                       |         |           |
| 12            | FEW       | NC                  |         | 10.00                  | 54                | 35                 | 45       | 49           | 14       | 33                      | 30.05       | 30.17         | 12                    | OVC     | 080     |                | 10.00     | 53                  | 36                     | 45                | 52                 | 16                    | 12        | 30.28    | 30.40                   |             |                       |         |           |
| 15            | CLR       | NC                  |         | 10.00                  | 58                | 33                 | 47       | 39           | 15       | 33                      | 30.02       | 30.14         | 15                    | OVC     | 075     |                | 10.00     | 56                  | 41                     | 49                | 57                 | 15                    | 13        | 30.18    | 30.30                   |             |                       |         |           |
| 18            | CLR       | NC                  |         | 10.00                  | 55                | 32                 | 45       | 42           | 12       | 35                      | 30.06       | 30.18         | 18                    | OVC     | 045     |                | 10.00     | 53                  | 42                     | 48                | 66                 | 15                    | 11        | 30.14    | 30.26                   |             |                       |         |           |
| 21            | CLR       | NC                  |         | 10.00                  | 46                | 35                 | 41       | 66           | 5        | 32                      | 30.11       | 30.23         | 21                    | OVC     | 033     |                | 10.00     | 52                  | 44                     | 48                | 75                 | 10                    | 11        | 30.14    | 30.26                   |             |                       |         |           |
| 24            | CLR       | NC                  |         | 10.00                  | 43                | 34                 | 39       | 71           | 5        | 36                      | 30.16       | 30.28         | 24                    | OVC     | 050     |                | 10.00     | 54                  | 49                     | 51                | 83                 | 14                    | 11        | 30.11    | 30.23                   |             |                       |         |           |
| SUNRISE: 0711 |           |                     |         | FEB 03                 |                   |                    |          | SUNSET: 1760 |          |                         |             | SUNRISE: 0706 |                       |         |         | FEB 09         |           |                     |                        | SUNSET: 1804      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | CLR       | NC                  |         | 10.00                  | 39                | 33                 | 37       | 79           | 5        | 36                      | 30.17       | 30.29         | 03                    | OVC     | 011     |                | 10.00     | 54                  | 50                     | 52                | 87                 | 13                    | 09        | 30.09    | 30.21                   |             |                       |         |           |
| 06            | FEW       | NC                  |         | 10.00                  | 37                | 32                 | 35       | 82           | 5        | 01                      | 30.18       | 30.30         | 06                    | OVC     | 008     |                | 7.00      | 52                  | 50                     | 51                | 93                 | 9                     | 11        | 30.08    | 30.20                   |             |                       |         |           |
| 09            | SCT       | NC                  |         | 10.00                  | 43                | 31                 | 38       | 63           | 14       | 05                      | 30.20       | 30.32         | 09                    | OVC     | 033     |                | 6.00      | 55                  | 52                     | 53                | 90                 | 10                    | 12        | 30.09    | 30.21                   |             |                       |         |           |
| 12            | OVC       | 250                 |         | 10.00                  | 54                | 26                 | 42       | 34           | 10       | 07                      | 30.17       | 30.29         | 12                    | OVC     | 025     |                | 10.00     | 64                  | 56                     | 59                | 75                 | 13                    | 14        | 30.08    | 30.19                   |             |                       |         |           |
| 15            | OVC       | 250                 |         | 10.00                  | 56                | 28                 | 44       | 34           | 3        | VR                      | 30.10       | 30.22         | 15                    | OVC     | 018     |                | 10.00     | 67                  | 59                     | 62                | 76                 | 10                    | 12        | 30.01    | 30.13                   |             |                       |         |           |
| 18            | OVC       | 250                 |         | 10.00                  | 54                | 31                 | 44       | 42           | 8        | 13                      | 30.09       | 30.21         | 18                    | OVC     | 017     |                | 8.00      | 65                  | 60                     | 62                | 84                 | 12                    | 14        | 30.00    | 30.12                   |             |                       |         |           |
| 21            | OVC       | 250                 |         | 10.00                  | 50                | 37                 | 44       | 61           | 8        | 11                      | 30.05       | 30.17         | 21                    | OVC     | 011     |                | 6.00      | 63                  | 60                     | 61                | 90                 | 7                     | 16        | 30.01    | 30.12                   |             |                       |         |           |
| 24            | BKN       | 090                 |         | 10.00                  | 49                | 36                 | 43       | 61           | 12       | 09                      | 30.03       | 30.15         | 24                    | OVC     | 003     |                | 2.50      | 61                  | 60                     | 60                | 97                 | 7                     | 14        | 29.99    | 30.11                   |             |                       |         |           |
| SUNRISE: 0710 |           |                     |         | FEB 04                 |                   |                    |          | SUNSET: 1801 |          |                         |             | SUNRISE: 0706 |                       |         |         | FEB 10         |           |                     |                        | SUNSET: 1805      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | OVC       | 085                 |         | 10.00                  | 48                | 32                 | 41       | 54           | 13       | 10                      | 29.98       | 30.10         | 03                    | OVC     | 004     |                | 3.00      | 62                  | 60                     | 61                | 93                 | 3                     | 36        | 29.98    | 30.10                   |             |                       |         |           |
| 06            | OVC       | 075                 |         | 10.00                  | 49                | 35                 | 43       | 59           | 15       | 08                      | 29.93       | 30.05         | 06                    | OVC     | 004     |                | 7.00      | 58                  | 57                     | 57                | 97                 | 10                    | 36        | 30.00    | 30.12                   |             |                       |         |           |
| 09            | OVC       | 026                 |         | 10.00                  | 50                | 38                 | 44       | 63           | 15       | 09                      | 29.91       | 30.03         | 09                    | OVC     | 004     |                | 8.00      | 52                  | 50                     | 51                | 93                 | 14                    | 01        | 30.05    | 30.16                   |             |                       |         |           |
| 12            | OVC       | 016                 | -RA     | 10.00                  | 49                | 45                 | 47       | 86           | 14       | 10                      | 29.87       | 29.98         | 12                    | OVC     | 004     |                | 2.00      | 52                  | 50                     | 51                | 93                 | 13                    | 01        | 30.06    | 30.18                   |             |                       |         |           |
| 15            | OVC       | 012                 |         | 8.00                   | 55                | 51                 | 53       | 87           | 10       | 11                      | 29.72       | 29.84         | 15                    | OVC     | 005     |                | 8.00      | 52                  | 50                     | 51                | 93                 | 15                    | 03        | 29.97    | 30.09                   |             |                       |         |           |
| 18            | OVC       | 010                 | -RA BR  | 6.00                   | 56                | 54                 | 55       | 93           | 12       | 11                      | 29.67       | 29.79         | 18                    | OVC     | 007     |                | 2.00      | 51                  | 49                     | 50                | 92                 | 12                    | 03        | 29.96    | 30.08                   |             |                       |         |           |
| 21            | OVC       | 005                 | -RA BR  | 3.00                   | 58                | 56                 | 57       | 93           | 9        | 10                      | 29.67       | 29.79         | 21                    | OVC     | 007     |                | 10.00     | 50                  | 48                     | 49                | 93                 | 10                    | 04        | 30.00    | 30.12                   |             |                       |         |           |
| 24            | VV        | 001                 | FG      | 0.25                   | 57                | 56                 | 56       | 96           | 3        | 35                      | 29.64       | 29.76         | 24                    | OVC     | 007     |                | 6.00      | 49                  | 48                     | 48                | 97                 | 7                     | 02        | 29.98    | 30.10                   |             |                       |         |           |
| SUNRISE: 0709 |           |                     |         | FEB 05                 |                   |                    |          | SUNSET: 1801 |          |                         |             | SUNRISE: 0705 |                       |         |         | FEB 11         |           |                     |                        | SUNSET: 1806      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | OVC       | 003                 | +RA BR  | 1.00                   | 58                | 57                 | 57       | 97           | 18       | 31                      | 29.65       | 29.77         | 03                    | OVC     | 005     |                | 8.00      | 50                  | 49                     | 49                | 96                 | 9                     | 07        | 29.89    | 30.01                   |             |                       |         |           |
| 06            | OVC       | 006                 | -RA     | 7.00                   | 48                | 46                 | 47       | 93           | 13       | 02                      | 29.69       | 29.80         | 06                    | OVC     | 004     |                | 6.00      | 51                  | 50                     | 51                | 96                 | 7                     | 05        | 29.87    | 29.99                   |             |                       |         |           |
| 09            | OVC       | 050                 |         | 10.00                  | 47                | 45                 | 46       | 93           | 6        | 01                      | 29.75       | 29.87         | 09                    | OVC     | 004     |                | 1.50      | 52                  | 50                     | 51                | 93                 | 6                     | 05        | 29.87    | 29.99                   |             |                       |         |           |
| 12            | OVC       | 075                 |         | 10.00                  | 54                | 50                 | 52       | 87           | 9        | 32                      | 29.77       | 29.89         | 12                    | OVC     | 005     |                | 2.50      | 53                  | 51                     | 52                | 93                 | 8                     | 04        | 29.83    | 29.95                   |             |                       |         |           |
| 15            | SCT       | NC                  |         | 10.00                  | 60                | 50                 | 55       | 70           | 9        | 36                      | 29.74       | 29.85         | 15                    | OVC     | 005     |                | 2.00      | 52                  | 50                     | 51                | 93                 | 13                    | 04        | 29.76    | 29.88                   |             |                       |         |           |
| 18            | SCT       | NC                  |         | 10.00                  | 56                | 49                 | 52       | 77           | 10       | 36                      | 29.78       | 29.90         | 18                    | OVC     | 007     |                | 1.50      | 54                  | 53                     | 53                | 97                 | 7                     | 32        | 29.78    | 29.90                   |             |                       |         |           |
| 21            | OVC       | 004                 |         | 8.00                   | 50                | 47                 | 48       | 89           | 13       | 01                      | 29.84       | 29.96         | 21                    | OVC     | 003     |                | 2.50      | 50                  | 49                     | 49                | 96                 | 15                    | 32        | 29.86    | 29.98                   |             |                       |         |           |
| 24            | OVC       | 006                 |         | 10.00                  | 49                | 45                 | 47       | 86           | 12       | 36                      | 29.90       | 30.03         | 24                    | OVC     | 008     |                | 1.00      | 46                  | 44                     | 45                | 93                 | 15                    | 01        | 29.93    | 30.05                   |             |                       |         |           |
| SUNRISE: 0709 |           |                     |         | FEB 06                 |                   |                    |          | SUNSET: 1802 |          |                         |             | SUNRISE: 0704 |                       |         |         | FEB 12         |           |                     |                        | SUNSET: 1807      |                    |                       |           |          |                         |             |                       |         |           |
| 03            | OVC       | 014                 |         | 10.00                  | 48                | 44                 | 46       | 86           | 10       | 33                      | 29.94       | 30.06         | 03                    | OVC     | 006     |                | 10.00     | 46                  | 43                     | 45                | 89                 | 14                    | 34        | 29.95    | 30.07                   |             |                       |         |           |
| 06            | OVC       | 016                 |         | 10.00                  | 47                | 41                 | 44       | 80           | 12       | 34                      | 30.00       | 30.12         | 06                    | OVC     | 008     |                | 10.00     | 44                  | 41                     | 43                | 89                 | 17                    | 36        | 30.04    | 30.16                   |             |                       |         |           |
| 09            | OVC       | 018                 |         | 10.00                  | 47                | 40                 | 44       | 77           | 10       | 34                      | 30.09       | 30.21         | 09                    | OVC     | 010     |                | 10.00     | 45                  | 40                     | 43                | 83                 | 18                    | 01        | 30.12    | 30.24                   |             |                       |         |           |
| 12            | BKN       | 250                 |         | 10.00                  | 53                | 38                 | 46       | 57           | 14       | 33                      | 30.11       | 30.24         | 12                    | OVC     | 016     |                | 10.00     | 46                  | 39                     | 43                | 77                 | 20                    | 36        | 30.17    | 30.29                   |             |                       |         |           |
| 15            | BKN       | 250                 |         | 10.00                  | 56                | 33                 | 46       | 42           | 16       | 33                      | 30.08       | 30.20         | 15                    | OVC     | 022     |                | 10.00     | 48                  | 39                     | 44                | 71                 | 17                    | 01        | 30.14    | 30.26                   |             |                       |         |           |
| 18            | BKN       | 250                 |         | 10.00                  | 51                | 32                 | 43       | 48           | 10       | 32                      | 30.12       | 30.24         | 18                    | OVC     | 024     |                | 10.00     | 46                  | 39                     | 43                | 77                 | 13                    | 36        | 30.17    | 30.29                   |             |                       |         |           |
| 21            | SCT       | NC                  |         | 10.00                  | 46                | 31                 | 40       | 56           | 9        | 33                      | 30.21       | 30.33         | 21                    | OVC     | 032     |                | 10.00     | 45                  | 39                     | 42                | 80                 | 12                    | 36        | 30.21    | 30.33                   |             |                       |         |           |
| 24            | FEW       | NC                  |         | 10.00                  | 41                | 32                 | 37       | 70           | 3        | 31                      | 30.25       | 30.37         | 24                    | OVC     | 025     |                | 10.00     | 45                  | 37                     | 41                | 74                 | 10                    | 36        | 30.21    | 30.33                   |             |                       |         |           |

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

FEBRUARY 2004

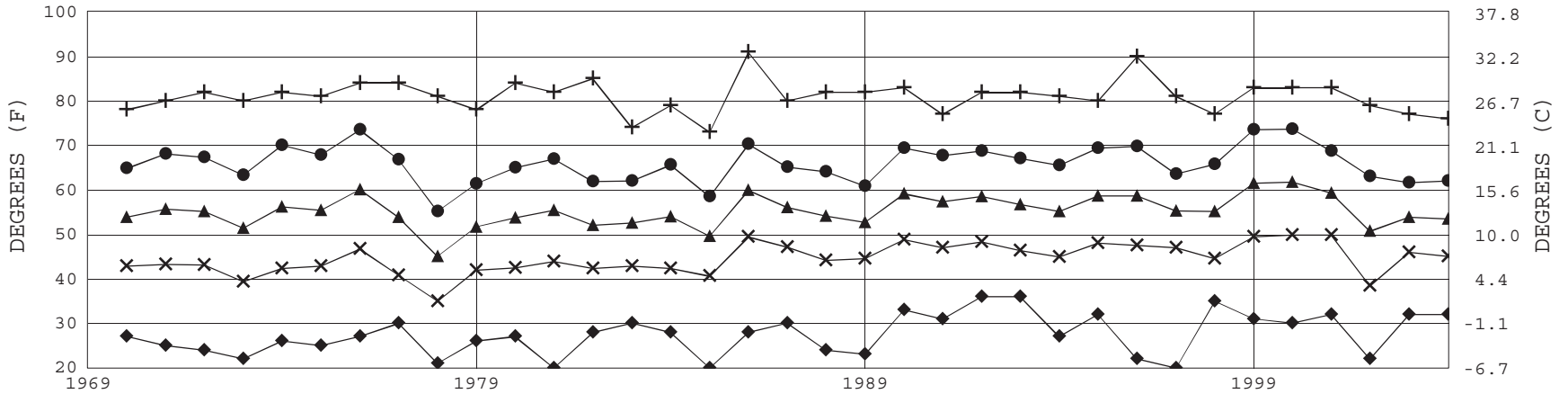
IAH

WBAN # 12960

| HOUR (LST)           | SATELLITE |                     | WEATHER | TEMPERATURE °F         |                   |                    |          | WIND                |          | PRESSURE (INCHES, HG)   |             | HOUR (LST)           | SATELLITE             |         | WEATHER | TEMPERATURE °F |           |                     |                        | WIND                |                    | PRESSURE (INCHES, HG) |           |          |                         |             |                       |         |           |
|----------------------|-----------|---------------------|---------|------------------------|-------------------|--------------------|----------|---------------------|----------|-------------------------|-------------|----------------------|-----------------------|---------|---------|----------------|-----------|---------------------|------------------------|---------------------|--------------------|-----------------------|-----------|----------|-------------------------|-------------|-----------------------|---------|-----------|
|                      | SKY COVER | CEILING 100'S OF FT |         | OBSERVATION TIME (LST) | EFF CLD AMT Oktas | VISIBILITY (MILES) | DRY BULB | DEW POINT           | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) |                      | DIRECTION TENS OF DEG | STATION |         | SEA LEVEL      | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT Oktas   | VISIBILITY (MILES) | DRY BULB              | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | SEA LEVEL |
|                      |           |                     |         |                        |                   |                    |          |                     |          |                         |             |                      |                       |         |         |                |           |                     |                        |                     |                    |                       |           |          |                         |             |                       |         |           |
| <b>SUNRISE: 0703</b> |           |                     |         | <b>FEB 13</b>          |                   |                    |          | <b>SUNSET: 1807</b> |          |                         |             | <b>SUNRISE: 0658</b> |                       |         |         | <b>FEB 19</b>  |           |                     |                        | <b>SUNSET: 1812</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | BKN       | 022                 |         |                        | 10.00             | 42                 | 35       | 39                  | 76       | 10                      | 35          | 30.22                | 30.34                 | 03      | CLR     | NC             |           |                     | 6.00                   | BR                  | 51                 | 49                    | 50        | 92       | 6                       | 16          | 30.07                 | 30.18   |           |
| 06                   | BKN       | 024                 |         |                        | 10.00             | 40                 | 33       | 37                  | 77       | 13                      | 36          | 30.19                | 30.31                 | 06      | CLR     | NC             |           |                     | 6.00                   | BR                  | 51                 | 49                    | 50        | 92       | 7                       | 16          | 30.01                 | 30.13   |           |
| 09                   | OVC       | 090                 |         |                        | 10.00             | 39                 | 35       | 37                  | 86       | 8                       | 35          | 30.21                | 30.33                 | 09      | FEW     | NC             |           |                     | 10.00                  |                     | 61                 | 52                    | 56        | 72       | 14                      | 17          | 29.99                 | 30.11   |           |
| 12                   | OVC       | 013                 |         |                        | 7.00              | 39                 | 36       | 38                  | 89       | 7                       | 30          | 30.20                | 30.32                 | 12      | BKN     | 250            |           |                     | 10.00                  |                     | 69                 | 50                    | 58        | 51       | 14                      | 18          | 29.94                 | 30.06   |           |
| 15                   | OVC       | 006                 |         |                        | 8.00              | 40                 | 37       | 39                  | 89       | 12                      | 02          | 30.08                | 30.21                 | 15      | BKN     | 250            |           |                     | 10.00                  |                     | 71                 | 51                    | 60        | 49       | 21                      | 17          | 29.82                 | 29.94   |           |
| 18                   | OVC       | 008                 |         |                        | 1.00              | 41                 | 38       | 40                  | 89       | 6                       | VR          | 30.06                | 30.18                 | 18      | SCT     | NC             |           |                     | 10.00                  |                     | 67                 | 53                    | 59        | 61       | 17                      | 17          | 29.74                 | 29.86   |           |
| 21                   | OVC       | 004                 |         |                        | 1.50              | 41                 | 40       | 41                  | 96       | 6                       | 01          | 30.04                | 30.16                 | 21      | BKN     | 030            |           |                     | 10.00                  |                     | 63                 | 56                    | 59        | 78       | 7                       | 19          | 29.75                 | 29.87   |           |
| 24                   | OVC       | 004                 |         |                        | 5.00              | 42                 | 40       | 41                  | 92       | 7                       | 02          | 29.99                | 30.11                 | 24      | OVC     | 031            |           |                     | 10.00                  |                     | 63                 | 57                    | 60        | 81       | 6                       | 17          | 29.73                 | 29.85   |           |
| <b>SUNRISE: 0702</b> |           |                     |         | <b>FEB 14</b>          |                   |                    |          | <b>SUNSET: 1808</b> |          |                         |             | <b>SUNRISE: 0657</b> |                       |         |         | <b>FEB 20</b>  |           |                     |                        | <b>SUNSET: 1813</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | OVC       | 006                 |         |                        | 5.00              | 41                 | 40       | 41                  | 96       | 6                       | 32          | 29.95                | 30.07                 | 03      | BKN     | 035            |           |                     | 10.00                  |                     | 61                 | 57                    | 59        | 87       | 0                       | 00          | 29.73                 | 29.84   |           |
| 06                   | OVC       | 006                 |         |                        | 8.00              | 40                 | 37       | 39                  | 89       | 3                       | 36          | 29.92                | 30.04                 | 06      | BKN     | 045            |           |                     | 9.00                   |                     | 59                 | 56                    | 57        | 90       | 0                       | 00          | 29.72                 | 29.84   |           |
| 09                   | OVC       | 037                 |         |                        | 8.00              | 39                 | 37       | 38                  | 93       | 6                       | 33          | 29.95                | 30.07                 | 09      | BKN     | 250            |           |                     | 9.00                   |                     | 66                 | 59                    | 62        | 78       | 6                       | 18          | 29.76                 | 29.87   |           |
| 12                   | OVC       | 017                 |         |                        | 10.00             | 42                 | 34       | 39                  | 73       | 15                      | 30          | 29.95                | 30.07                 | 12      | BKN     | 037            |           |                     | 10.00                  |                     | 73                 | 57                    | 63        | 57       | 8                       | 25          | 29.78                 | 29.90   |           |
| 15                   | OVC       | 024                 |         |                        | 10.00             | 43                 | 34       | 39                  | 71       | 16                      | 31          | 29.90                | 30.02                 | 15      | OVC     | 047            |           |                     | 10.00                  |                     | 74                 | 57                    | 64        | 56       | 9                       | 31          | 29.73                 | 29.85   |           |
| 18                   | BKN       | 028                 |         |                        | 10.00             | 40                 | 30       | 36                  | 68       | 14                      | 29          | 29.94                | 30.06                 | 18      | BKN     | 250            |           |                     | 10.00                  |                     | 71                 | 56                    | 62        | 59       | 8                       | 33          | 29.76                 | 29.88   |           |
| 21                   | FEW       | NC                  |         |                        | 10.00             | 37                 | 30       | 34                  | 76       | 9                       | 30          | 29.99                | 30.11                 | 21      | BKN     | 250            |           |                     | 10.00                  |                     | 64                 | 54                    | 58        | 70       | 8                       | 35          | 29.83                 | 29.95   |           |
| 24                   | CLR       | NC                  |         |                        | 10.00             | 36                 | 30       | 34                  | 79       | 10                      | 32          | 29.99                | 30.11                 | 24      | BKN     | 250            |           |                     | 10.00                  |                     | 59                 | 45                    | 52        | 60       | 8                       | 35          | 29.90                 | 30.01   |           |
| <b>SUNRISE: 0702</b> |           |                     |         | <b>FEB 15</b>          |                   |                    |          | <b>SUNSET: 1809</b> |          |                         |             | <b>SUNRISE: 0656</b> |                       |         |         | <b>FEB 21</b>  |           |                     |                        | <b>SUNSET: 1814</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | CLR       | NC                  |         |                        | 10.00             | 36                 | 30       | 34                  | 79       | 10                      | 30          | 30.00                | 30.12                 | 03      | CLR     | NC             |           |                     | 10.00                  |                     | 55                 | 43                    | 49        | 64       | 7                       | 01          | 29.92                 | 30.04   |           |
| 06                   | SCT       | NC                  |         |                        | 10.00             | 35                 | 32       | 34                  | 89       | 5                       | 30          | 30.03                | 30.15                 | 06      | FEW     | NC             |           |                     | 10.00                  |                     | 50                 | 42                    | 46        | 74       | 5                       | 36          | 29.96                 | 30.08   |           |
| 09                   | FEW       | NC                  |         |                        | 10.00             | 41                 | 34       | 38                  | 76       | 12                      | 35          | 30.09                | 30.22                 | 09      | FEW     | NC             |           |                     | 10.00                  |                     | 56                 | 41                    | 49        | 57       | 8                       | 05          | 30.04                 | 30.16   |           |
| 12                   | FEW       | NC                  |         |                        | 10.00             | 51                 | 36       | 44                  | 56       | 10                      | 02          | 30.10                | 30.22                 | 12      | SCT     | NC             |           |                     | 10.00                  |                     | 65                 | 34                    | 50        | 32       | 7                       | 05          | 30.02                 | 30.14   |           |
| 15                   | SCT       | NC                  |         |                        | 10.00             | 58                 | 37       | 48                  | 46       | 5                       | 32          | 30.05                | 30.17                 | 15      | BKN     | 250            |           |                     | 10.00                  |                     | 70                 | 35                    | 53        | 28       | 8                       | 10          | 29.94                 | 30.06   |           |
| 18                   | SCT       | NC                  |         |                        | 10.00             | 57                 | 38       | 48                  | 49       | 8                       | 06          | 30.06                | 30.18                 | 18      | BKN     | 250            |           |                     | 10.00                  |                     | 68                 | 38                    | 53        | 33       | 8                       | 11          | 29.94                 | 30.06   |           |
| 21                   | FEW       | NC                  |         |                        | 10.00             | 48                 | 42       | 45                  | 80       | 0                       | 00          | 30.11                | 30.23                 | 21      | SCT     | NC             |           |                     | 10.00                  |                     | 59                 | 45                    | 52        | 60       | 7                       | 11          | 29.96                 | 30.07   |           |
| 24                   | FEW       | NC                  |         |                        | 10.00             | 44                 | 40       | 42                  | 85       | 0                       | 00          | 30.15                | 30.27                 | 24      | SCT     | NC             |           |                     | 8.00                   |                     | 54                 | 47                    | 50        | 77       | 0                       | 00          | 29.97                 | 30.09   |           |
| <b>SUNRISE: 0701</b> |           |                     |         | <b>FEB 16</b>          |                   |                    |          | <b>SUNSET: 1810</b> |          |                         |             | <b>SUNRISE: 0655</b> |                       |         |         | <b>FEB 22</b>  |           |                     |                        | <b>SUNSET: 1814</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | SCT       | NC                  |         |                        | 10.00             | 43                 | 39       | 41                  | 86       | 3                       | 31          | 30.15                | 30.27                 | 03      | BKN     | 250            |           |                     | 10.00                  |                     | 52                 | 47                    | 49        | 83       | 3                       | 03          | 29.94                 | 30.05   |           |
| 06                   | BKN       | 120                 |         |                        | 10.00             | 40                 | 37       | 39                  | 89       | 0                       | 00          | 30.18                | 30.30                 | 06      | BKN     | 250            |           |                     | 10.00                  |                     | 50                 | 46                    | 48        | 86       | 5                       | 02          | 29.96                 | 30.08   |           |
| 09                   | SCT       | NC                  |         |                        | 10.00             | 47                 | 40       | 44                  | 77       | 7                       | 10          | 30.23                | 30.35                 | 09      | OVC     | 250            |           |                     | 10.00                  |                     | 55                 | 48                    | 51        | 77       | 7                       | 06          | 29.99                 | 30.11   |           |
| 12                   | SCT       | NC                  |         |                        | 10.00             | 58                 | 41       | 50                  | 54       | 3                       | VR          | 30.24                | 30.36                 | 12      | BKN     | 250            |           |                     | 10.00                  |                     | 69                 | 51                    | 59        | 53       | 12                      | 12          | 29.96                 | 30.08   |           |
| 15                   | SCT       | NC                  |         |                        | 10.00             | 64                 | 41       | 52                  | 43       | 6                       | VR          | 30.16                | 30.28                 | 15      | BKN     | 060            |           |                     | 10.00                  |                     | 71                 | 55                    | 62        | 57       | 12                      | 12          | 29.88                 | 30.00   |           |
| 18                   | FEW       | NC                  |         |                        | 10.00             | 61                 | 42       | 51                  | 50       | 9                       | 13          | 30.14                | 30.26                 | 18      | OVC     | 017            |           |                     | 10.00                  |                     | 64                 | 51                    | 57        | 63       | 14                      | 10          | 29.86                 | 29.98   |           |
| 21                   | CLR       | NC                  |         |                        | 10.00             | 52                 | 43       | 48                  | 72       | 7                       | 17          | 30.19                | 30.31                 | 21      | OVC     | 055            |           |                     | 4.00                   | RA BR               | 59                 | 57                    | 58        | 93       | 14                      | 09          | 29.85                 | 29.97   |           |
| 24                   | CLR       | NC                  |         |                        | 9.00              | 48                 | 44       | 46                  | 86       | 6                       | 16          | 30.21                | 30.33                 | 24      | OVC     | 006            |           |                     | 4.00                   | BR                  | 59                 | 57                    | 58        | 93       | 6                       | 05          | 29.84                 | 29.96   |           |
| <b>SUNRISE: 0660</b> |           |                     |         | <b>FEB 17</b>          |                   |                    |          | <b>SUNSET: 1811</b> |          |                         |             | <b>SUNRISE: 0654</b> |                       |         |         | <b>FEB 23</b>  |           |                     |                        | <b>SUNSET: 1815</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | CLR       | NC                  |         |                        | 7.00              | 45                 | 43       | 44                  | 93       | 5                       | 18          | 30.21                | 30.33                 | 03      | OVC     | 002            |           |                     | 1.00                   | BR                  | 58                 | 57                    | 57        | 97       | 7                       | 03          | 29.77                 | 29.89   |           |
| 06                   | SCT       | NC                  |         |                        | 4.00              | 44                 | 42       | 43                  | 93       | 0                       | 00          | 30.22                | 30.34                 | 06      | OVC     | 002            |           |                     | 0.50                   | BR                  | 58                 | 57                    | 57        | 97       | 6                       | 04          | 29.76                 | 29.88   |           |
| 09                   | SCT       | NC                  |         |                        | 5.00              | 51                 | 48       | 50                  | 89       | 7                       | 30          | 30.30                | 30.42                 | 09      | OVC     | 002            |           |                     | 0.06                   | BR                  | 59                 | 58                    | 58        | 96       | 7                       | 04          | 29.78                 | 29.90   |           |
| 12                   | CLR       | NC                  |         |                        | 10.00             | 64                 | 44       | 54                  | 48       | 14                      | 34          | 30.33                | 30.45                 | 12      | OVC     | 004            |           |                     | 1.50                   | BR                  | 62                 | 60                    | 61        | 93       | 6                       | VR          | 29.74                 | 29.86   |           |
| 15                   | SCT       | NC                  |         |                        | 10.00             | 69                 | 38       | 53                  | 32       | 17                      | 01          | 30.29                | 30.41                 | 15      | OVC     | 008            |           |                     | 2.00                   | BR                  | 66                 | 62                    | 64        | 87       | 6                       | 01          | 29.67                 | 29.79   |           |
| 18                   | FEW       | NC                  |         |                        | 10.00             | 64                 | 35       | 50                  | 34       | 9                       | 33          | 30.31                | 30.43                 | 18      | OVC     | 008            |           |                     | 2.50                   | BR                  | 65                 | 62                    | 63        | 90       | 3                       | 03          | 29.68                 | 29.80   |           |
| 21                   | FEW       | NC                  |         |                        | 10.00             | 55                 | 40       | 48                  | 57       | 0                       | 00          | 30.36                | 30.48                 | 21      | OVC     | 003            |           |                     | 0.75                   | BR                  | 61                 | 60                    | 60        | 97       | 9                       | 05          | 29.72                 | 29.83   |           |
| 24                   | CLR       | NC                  |         |                        | 10.00             | 50                 | 39       | 45                  | 66       | 5                       | 32          | 30.38                | 30.50                 | 24      | OVC     | 001            |           |                     | 0.50                   | BR                  | 60                 | 59                    | 59        | 96       | 7                       | 07          | 29.72                 | 29.84   |           |
| <b>SUNRISE: 0659</b> |           |                     |         | <b>FEB 18</b>          |                   |                    |          | <b>SUNSET: 1811</b> |          |                         |             | <b>SUNRISE: 0653</b> |                       |         |         | <b>FEB 24</b>  |           |                     |                        | <b>SUNSET: 1816</b> |                    |                       |           |          |                         |             |                       |         |           |
| 03                   | CLR       | NC                  |         |                        | 10.00             | 43                 | 38       | 41                  | 82       | 3                       | 32          | 30.38                | 30.50                 | 03      | OVC     | 001            |           |                     | 0.75                   | BR                  | 59                 | 58                    | 58        | 96       | 5                       | 04          | 29.71                 | 29.83   |           |
| 06                   | FEW       | NC                  |         |                        | 10.00             | 44                 | 40       | 42                  | 85       | 3                       | 12          | 30.38                | 30.50                 | 06      | OVC     | 001            |           |                     | 0.25                   | BR                  | 58                 | 58                    | 58        | 100      | 6                       | 34          | 29.72                 | 29.84   |           |
| 09                   | CLR       | NC                  |         |                        | 10.00             | 53                 | 48       | 50                  | 83       | 8                       | 14          | 30.40                | 30.53                 | 09      | OVC     | 004            |           |                     | 2.00                   | BR                  | 59                 | 58                    | 58        | 96       | 10                      | 02          | 29.74                 | 29.86   |           |
| 12                   | BKN       | 028                 |         |                        | 10.00             | 62                 | 48       | 55                  | 60       | 6                       | 13          | 30.38                | 30.50                 | 12      | OVC     | 014            |           |                     | 10.00                  |                     | 63                 | 58                    | 60        | 84       | 14                      | 06          | 29.65                 | 29.77   |           |
| 15                   | BKN       | 250                 |         |                        | 10.00             | 67                 | 45       | 55                  | 45       | 7                       | 20          | 30.27                | 30.39                 | 15      | OVC     | 021            |           |                     | 10.00                  |                     | 65                 | 57                    | 60        | 76       | 6                       | 31          | 29.61                 | 29.72   |           |
| 18                   | BKN       | 250                 |         |                        | 10.00             | 60                 | 50       | 55                  | 70       | 15                      | 13          | 30.22                | 30.34                 | 18      | BKN     | 080            |           |                     | 10.00                  |                     | 62                 | 59                    | 60        | 90       | 9                       | 08          | 29.59                 | 29.70   |           |
| 21                   | CLR       | NC                  |         |                        | 8.00              | 53                 | 49       | 51                  | 86       | 6                       | 16          | 30.21                | 30.33                 | 21      | OVC     | 006            |           |                     | 10.00                  |                     | 59                 | 57                    | 58        | 93       | 9                       | 04          | 29.64                 | 29.75   |           |
| 24                   | FEW       | NC                  |         |                        | 6.00              | 50                 | 47       | 48                  | 89       | 6                       | 16          | 30.15                | 30.27                 | 24      | OVC     | 014            |           |                     | 5.00                   | TSRA BR             | 57                 | 55                    | 56        | 93       | 12                      | 05          | 29.64                 | 29.75   |           |



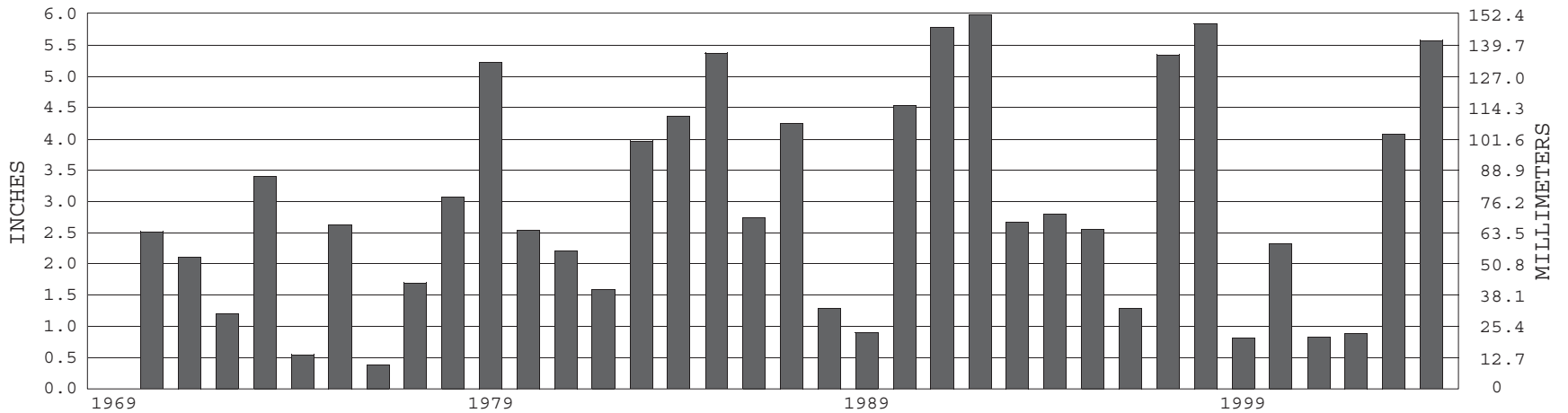
### HOUSTON, TX FEBRUARY TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1969-2004) Mean: 53.7      1971-2000 Normal: 55.4

### HOUSTON, TX FEBRUARY PRECIPITATION



Long-Term (1969-2004) Mean Monthly Total: 2.87

1971-2000 Normal: 2.98



FEBRUARY 2004

HOUSTON, TX

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

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