

Summary of Monthly Normals  
1991-2020

Generated on 04/27/2024

Current Location: Elev: 44 ft. Lat: 29.6381° N Lon: 95.2819° W  
Station: HOUSTON HOBBY AP, TX US USW00012918

| Temperature (°F) |           |           |      |                       |                       |                       |                     |       |       |       |       |       |                     |       |       |       |                     |           |           |           |           |          |
|------------------|-----------|-----------|------|-----------------------|-----------------------|-----------------------|---------------------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|---------------------|-----------|-----------|-----------|-----------|----------|
| Mean             |           |           |      |                       |                       |                       | Cooling Degree Days |       |       |       |       |       | Heating Degree Days |       |       |       | Mean Number of Days |           |           |           |           |          |
|                  |           |           |      |                       |                       |                       | Base (above)        |       |       |       |       |       | Base (above)        |       |       |       |                     |           |           |           |           |          |
| Month            | Daily Max | Daily Min | Mean | Long Term Max Std Dev | Long Term Min Std Dev | Long Term Avg Std Dev | 55                  | 57    | 60    | 65    | 70    | 72    | 55                  | 57    | 60    | 65    | Max >= 100          | Max >= 90 | Max >= 50 | Max <= 32 | Min <= 32 | Min <= 0 |
| 01               | 63.8      | 46.1      | 55.0 | 3.7                   | 3.4                   | 3.4                   | 111.3               | 84.2  | 52.5  | 18.6  | 3.4   | 1.4   | 112.7               | 147.5 | 208.9 | 330.0 | 0.0                 | 0.0       | 27.7      | 0.0       | 2.1       | 0.0      |
| 02               | 67.6      | 50.1      | 58.8 | 3.8                   | 3.7                   | 3.6                   | 161.7               | 126.7 | 83.3  | 33.4  | 8.3   | 3.8   | 53.9                | 74.9  | 115.5 | 205.6 | 0.0                 | 0.0       | 26.6      | 0.0       | 0.7       | 0.0      |
| 03               | 73.4      | 55.9      | 64.7 | 2.9                   | 3.7                   | 3.2                   | 314.8               | 261.2 | 188.1 | 90.1  | 28.6  | 14.4  | 15.7                | 24.0  | 43.9  | 100.9 | 0.0                 | 0.0       | 30.7      | 0.0       | 0.4       | 0.0      |
| 04               | 79.3      | 61.8      | 70.5 | 2.3                   | 2.8                   | 2.5                   | 467.7               | 408.9 | 322.5 | 188.8 | 82.2  | 51.2  | 1.1                 | 2.4   | 6.0   | 22.3  | 0.0                 | 0.4       | 30.0      | 0.0       | 0.0       | 0.0      |
| 05               | 85.9      | 69.3      | 77.6 | 2.1                   | 2.0                   | 1.9                   | 700.6               | 638.5 | 545.6 | 391.3 | 241.6 | 185.4 | 0.0                 | 0.0   | 0.0   | 0.7   | 0.0                 | 6.8       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 91.0      | 74.9      | 82.9 | 2.1                   | 1.0                   | 1.4                   | 838.4               | 778.4 | 688.4 | 538.4 | 388.5 | 328.6 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.5                 | 20.8      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 92.9      | 76.6      | 84.8 | 2.1                   | 0.9                   | 1.3                   | 922.2               | 860.2 | 767.2 | 612.2 | 457.2 | 395.2 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.7                 | 26.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 93.5      | 76.7      | 85.1 | 2.0                   | 1.3                   | 1.5                   | 933.0               | 870.9 | 778.0 | 623.0 | 468.0 | 406.0 | 0.0                 | 0.0   | 0.0   | 0.0   | 1.4                 | 26.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 89.3      | 72.9      | 81.1 | 1.9                   | 1.9                   | 1.7                   | 782.9               | 722.9 | 632.9 | 483.0 | 334.4 | 276.3 | 0.0                 | 0.0   | 0.0   | 0.1   | 0.2                 | 16.4      | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 82.1      | 63.9      | 73.0 | 2.1                   | 2.2                   | 1.8                   | 559.6               | 498.5 | 408.2 | 267.2 | 145.0 | 105.2 | 1.7                 | 2.5   | 5.3   | 19.3  | 0.0                 | 3.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 11               | 72.6      | 54.0      | 63.3 | 3.6                   | 3.1                   | 3.2                   | 278.2               | 231.0 | 166.9 | 82.9  | 30.6  | 17.5  | 29.1                | 41.8  | 67.8  | 133.8 | 0.0                 | 0.1       | 29.5      | 0.0       | 0.2       | 0.0      |
| 12               | 65.7      | 48.0      | 56.9 | 3.0                   | 2.9                   | 2.7                   | 147.4               | 116.1 | 77.6  | 33.0  | 9.0   | 4.2   | 90.0                | 120.6 | 175.1 | 285.6 | 0.0                 | 0.0       | 29.1      | 0.0       | 0.8       | 0.0      |
| Summary          | 79.8      | 62.5      | 71.1 | 2.6                   | 2.4                   | 2.4                   | 6218                | 5598  | 4711  | 3362  | 2197  | 1789  | 304                 | 414   | 622   | 1098  | 2.8                 | 100.5     | 357.6     | 0.0       | 4.2       | 0.0      |

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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| Precipitation (in.) |        |                     |         |         |         |                                                                                                                        |       |       |
|---------------------|--------|---------------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------------|-------|-------|
|                     | Totals | Mean Number of Days |         |         |         | Precipitation Probabilities<br>Probability that precipitation will be<br>equal to or less than<br>the indicated amount |       |       |
|                     | Means  | Daily Precipitation |         |         |         | Monthly Precipitation<br>vs. Probability Levels                                                                        |       |       |
| Month               | Mean   | >= 0.01             | >= 0.10 | >= 0.50 | >= 1.00 | 0.25                                                                                                                   | 0.50  | 0.75  |
| 01                  | 4.09   | 10.2                | 6.1     | 2.8     | 1.2     | 2.19                                                                                                                   | 4.08  | 5.94  |
| 02                  | 2.85   | 8.9                 | 4.6     | 1.8     | 0.8     | 1.28                                                                                                                   | 2.15  | 3.98  |
| 03                  | 3.28   | 8.3                 | 4.4     | 2.0     | 1.1     | 1.55                                                                                                                   | 2.66  | 4.77  |
| 04                  | 4.08   | 8.0                 | 4.2     | 2.5     | 1.1     | 1.63                                                                                                                   | 2.90  | 5.08  |
| 05                  | 5.42   | 7.7                 | 5.1     | 2.9     | 1.9     | 2.31                                                                                                                   | 6.22  | 7.81  |
| 06                  | 6.09   | 10.4                | 7.2     | 3.5     | 1.9     | 3.15                                                                                                                   | 5.39  | 8.09  |
| 07                  | 4.59   | 9.2                 | 6.2     | 2.8     | 1.5     | 2.29                                                                                                                   | 3.60  | 6.94  |
| 08                  | 5.44   | 9.6                 | 6.1     | 2.7     | 1.5     | 2.00                                                                                                                   | 3.20  | 7.20  |
| 09                  | 5.76   | 9.8                 | 6.3     | 3.3     | 1.7     | 3.19                                                                                                                   | 5.04  | 8.47  |
| 10                  | 5.78   | 7.2                 | 5.0     | 2.9     | 1.7     | 1.93                                                                                                                   | 3.49  | 9.67  |
| 11                  | 3.90   | 8.4                 | 5.1     | 2.3     | 1.3     | 1.94                                                                                                                   | 3.01  | 4.72  |
| 12                  | 4.34   | 9.5                 | 5.5     | 2.7     | 1.3     | 2.71                                                                                                                   | 3.94  | 6.11  |
| Summary             | 55.62  | 107.2               | 65.8    | 32.2    | 17.0    | 26.17                                                                                                                  | 45.68 | 78.78 |

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| Growing Degree Units (Monthly)          |       |       |       |       |        |        |        |        |        |        |       |       |
|-----------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|
| Base                                    | Jan   | Feb   | Mar   | Apr   | May    | Jun    | Jul    | Aug    | Sep    | Oct    | Nov   | Dec   |
| Growing Degree Units (Monthly)          |       |       |       |       |        |        |        |        |        |        |       |       |
| Base                                    | Jan   | Feb   | Mar   | Apr   | May    | Jun    | Jul    | Aug    | Sep    | Oct    | Nov   | Dec   |
| 40                                      | 469.4 | 529.8 | 764.2 | 916.5 | 1165.6 | 1288.5 | 1387.2 | 1398.1 | 1233.0 | 1023.0 | 699.1 | 524.4 |
| 45                                      | 327.9 | 394.9 | 610.2 | 766.5 | 1010.6 | 1138.4 | 1232.2 | 1243.0 | 1082.9 | 868.0  | 550.6 | 377.6 |
| 50                                      | 204.3 | 269.0 | 459.0 | 616.7 | 855.6  | 988.4  | 1077.2 | 1088.0 | 932.9  | 713.4  | 407.9 | 248.2 |
| 55                                      | 111.3 | 161.7 | 314.8 | 467.7 | 700.6  | 838.4  | 922.2  | 933.0  | 782.9  | 559.6  | 278.2 | 147.4 |
| 60                                      | 52.5  | 83.3  | 188.1 | 322.5 | 545.6  | 688.4  | 767.2  | 778.0  | 632.9  | 408.2  | 166.9 | 77.6  |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |        |        |        |        |        |        |       |       |
| 50/86                                   | 257.6 | 303.6 | 476.0 | 618.7 | 827.4  | 909.4  | 968.1  | 969.7  | 870.5  | 701.3  | 432.2 | 297.4 |

| Growing Degree Units (Accumulated Monthly)          |     |     |      |      |      |      |      |      |      |       |       |       |
|-----------------------------------------------------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|
| 40                                                  | 469 | 999 | 1763 | 2680 | 3846 | 5134 | 6521 | 7919 | 9152 | 10175 | 10874 | 11399 |
| 45                                                  | 328 | 723 | 1333 | 2100 | 3110 | 4248 | 5481 | 6724 | 7807 | 8675  | 9225  | 9603  |
| 50                                                  | 204 | 473 | 932  | 1549 | 2405 | 3393 | 4470 | 5558 | 6491 | 7204  | 7612  | 7861  |
| 55                                                  | 111 | 273 | 588  | 1056 | 1756 | 2594 | 3517 | 4450 | 5233 | 5792  | 6070  | 6218  |
| 60                                                  | 52  | 136 | 324  | 646  | 1192 | 1880 | 2648 | 3426 | 4059 | 4467  | 4634  | 4711  |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |      |      |      |      |      |      |      |       |       |       |
| 50/86                                               | 258 | 561 | 1037 | 1656 | 2483 | 3393 | 4361 | 5330 | 6201 | 6902  | 7334  | 7632  |

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.  
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.