



# CLIMATOGRAPHY OF THE UNITED STATES NO. 84, 1971-2000

## Daily Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

Station Name: BURBANK VALLEY PUMP PLNT BUR CALIFORNIA Station Number: 041194

Latitude: 34° 11' 00" ( Longitude: -118° 20' 00" Elevation (feet): 655

Climate Division: CA 06 South Coast Drainage Basin

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| DECEMBER       |      |      |     |     |     |      | JANUARY   |      |      |      |     |      |           | FEBRUARY |      |     |     |      |     |      |
|----------------|------|------|-----|-----|-----|------|-----------|------|------|------|-----|------|-----------|----------|------|-----|-----|------|-----|------|
| Date           | MAX  | MIN  | AVG | HDD | CDD | PRCP | Date      | MAX  | MIN  | AVG  | HDD | CDD  | PRCP      | Date     | MAX  | MIN | AVG | HDD  | CDD | PRCP |
| 1              | 70   | 42   | 56  | 9   | *   | 0.05 | 1         | 67   | 41   | 54   | 11  | 0    | 0.09      | 1        | 69   | 43  | 56  | 9    | 0   | 0.14 |
| 2              | 70   | 42   | 56  | 9   | *   | 0.05 | 2         | 67   | 41   | 54   | 11  | 0    | 0.09      | 2        | 69   | 43  | 56  | 9    | 0   | 0.14 |
| 3              | 69   | 42   | 56  | 9   | *   | 0.05 | 3         | 67   | 41   | 54   | 11  | 0    | 0.09      | 3        | 69   | 43  | 56  | 9    | 0   | 0.14 |
| 4              | 69   | 42   | 56  | 10  | *   | 0.05 | 4         | 67   | 41   | 54   | 11  | 0    | 0.10      | 4        | 69   | 43  | 56  | 9    | 0   | 0.15 |
| 5              | 69   | 42   | 56  | 10  | 0   | 0.05 | 5         | 67   | 41   | 54   | 11  | 0    | 0.10      | 5        | 69   | 44  | 56  | 9    | 0   | 0.15 |
| 6              | 69   | 42   | 55  | 10  | 0   | 0.06 | 6         | 67   | 41   | 54   | 11  | 0    | 0.10      | 6        | 69   | 44  | 57  | 9    | 0   | 0.15 |
| 7              | 69   | 42   | 55  | 10  | 0   | 0.06 | 7         | 67   | 41   | 54   | 11  | 0    | 0.10      | 7        | 69   | 44  | 57  | 9    | 0   | 0.15 |
| 8              | 69   | 42   | 55  | 10  | 0   | 0.06 | 8         | 67   | 41   | 54   | 11  | 0    | 0.10      | 8        | 69   | 44  | 57  | 9    | 0   | 0.15 |
| 9              | 69   | 42   | 55  | 10  | 0   | 0.06 | 9         | 67   | 42   | 54   | 11  | 0    | 0.10      | 9        | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 10             | 68   | 41   | 55  | 10  | 0   | 0.06 | 10        | 67   | 42   | 54   | 11  | 0    | 0.11      | 10       | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 11             | 68   | 41   | 55  | 10  | 0   | 0.06 | 11        | 67   | 42   | 54   | 11  | 0    | 0.11      | 11       | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 12             | 68   | 41   | 55  | 10  | 0   | 0.06 | 12        | 67   | 42   | 55   | 11  | 0    | 0.11      | 12       | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 13             | 68   | 41   | 55  | 11  | 0   | 0.07 | 13        | 67   | 42   | 55   | 11  | 0    | 0.11      | 13       | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 14             | 68   | 41   | 55  | 11  | 0   | 0.07 | 14        | 67   | 42   | 55   | 11  | 0    | 0.11      | 14       | 69   | 44  | 57  | 8    | 0   | 0.15 |
| 15             | 68   | 41   | 54  | 11  | 0   | 0.07 | 15        | 67   | 42   | 55   | 10  | 0    | 0.11      | 15       | 70   | 44  | 57  | 8    | 0   | 0.16 |
| 16             | 68   | 41   | 54  | 11  | 0   | 0.07 | 16        | 67   | 42   | 55   | 10  | 0    | 0.11      | 16       | 70   | 44  | 57  | 8    | 0   | 0.16 |
| 17             | 68   | 41   | 54  | 11  | 0   | 0.07 | 17        | 67   | 42   | 55   | 10  | 0    | 0.12      | 17       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 18             | 67   | 41   | 54  | 11  | 0   | 0.07 | 18        | 68   | 42   | 55   | 10  | 0    | 0.12      | 18       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 19             | 67   | 41   | 54  | 11  | 0   | 0.07 | 19        | 68   | 42   | 55   | 10  | 0    | 0.12      | 19       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 20             | 67   | 41   | 54  | 11  | 0   | 0.07 | 20        | 68   | 42   | 55   | 10  | 0    | 0.12      | 20       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 21             | 67   | 41   | 54  | 11  | 0   | 0.08 | 21        | 68   | 42   | 55   | 10  | 0    | 0.12      | 21       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 22             | 67   | 41   | 54  | 11  | 0   | 0.08 | 22        | 68   | 42   | 55   | 10  | 0    | 0.12      | 22       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 23             | 67   | 41   | 54  | 11  | 0   | 0.08 | 23        | 68   | 42   | 55   | 10  | 0    | 0.13      | 23       | 70   | 45  | 57  | 8    | 0   | 0.16 |
| 24             | 67   | 41   | 54  | 11  | 0   | 0.08 | 24        | 68   | 43   | 55   | 10  | 0    | 0.13      | 24       | 70   | 45  | 57  | 8    | *   | 0.16 |
| 25             | 67   | 41   | 54  | 11  | 0   | 0.08 | 25        | 68   | 43   | 55   | 10  | 0    | 0.13      | 25       | 70   | 45  | 57  | 8    | *   | 0.16 |
| 26             | 67   | 41   | 54  | 11  | 0   | 0.08 | 26        | 68   | 43   | 55   | 10  | 0    | 0.13      | 26       | 70   | 45  | 57  | 8    | *   | 0.16 |
| 27             | 67   | 41   | 54  | 11  | 0   | 0.08 | 27        | 68   | 43   | 56   | 10  | 0    | 0.13      | 27       | 70   | 45  | 58  | 8    | *   | 0.15 |
| 28             | 67   | 41   | 54  | 11  | 0   | 0.09 | 28        | 68   | 43   | 56   | 9   | 0    | 0.13      | 28       | 70   | 45  | 58  | 8    | *   | 0.15 |
| 29             | 67   | 41   | 54  | 11  | 0   | 0.09 | 29        | 68   | 43   | 56   | 9   | 0    | 0.14      |          |      |     |     |      |     |      |
| 30             | 67   | 41   | 54  | 11  | 0   | 0.09 | 30        | 68   | 43   | 56   | 9   | 0    | 0.14      |          |      |     |     |      |     |      |
| 31             | 67   | 41   | 54  | 11  | 0   | 0.09 | 31        | 69   | 43   | 56   | 9   | *    | 0.14      |          |      |     |     |      |     |      |
| MTH: 67.9      | 41.3 | 54.6 |     | 326 | 4   | 2.15 | MTH: 67.5 | 42.0 | 54.8 | 320  | 1   | 3.56 | MTH: 69.5 | 44.3     | 56.9 | 232 | 5   | 4.29 |     |      |
| WINTER SEASON: |      |      |     |     |     |      |           | 68.3 | 42.5 | 55.4 | 878 | 10   | 10.00     |          |      |     |     |      |     |      |
| MARCH          |      |      |     |     |     |      | APRIL     |      |      |      |     |      |           | MAY      |      |     |     |      |     |      |
| Date           | MAX  | MIN  | AVG | HDD | CDD | PRCP | Date      | MAX  | MIN  | AVG  | HDD | CDD  | PRCP      | Date     | MAX  | MIN | AVG | HDD  | CDD | PRCP |
| 1              | 70   | 45   | 57  | 8   | 0   | 0.15 | 1         | 73   | 48   | 60   | 6   | 1    | 0.07      | 1        | 76   | 52  | 64  | 3    | 2   | 0.01 |
| 2              | 70   | 45   | 57  | 8   | 0   | 0.15 | 2         | 73   | 48   | 60   | 6   | 1    | 0.07      | 2        | 76   | 52  | 64  | 3    | 2   | 0.01 |
| 3              | 70   | 45   | 57  | 8   | 0   | 0.15 | 3         | 73   | 48   | 60   | 6   | 1    | 0.07      | 3        | 76   | 52  | 64  | 3    | 2   | 0.02 |
| 4              | 70   | 45   | 57  | 8   | 0   | 0.15 | 4         | 73   | 48   | 61   | 5   | 1    | 0.06      | 4        | 76   | 52  | 64  | 3    | 2   | 0.02 |
| 5              | 70   | 45   | 58  | 8   | 0   | 0.15 | 5         | 74   | 48   | 61   | 5   | 1    | 0.06      | 5        | 76   | 53  | 64  | 3    | 3   | 0.02 |
| 6              | 70   | 45   | 58  | 8   | 0   | 0.15 | 6         | 74   | 48   | 61   | 5   | 1    | 0.06      | 6        | 76   | 53  | 65  | 3    | 3   | 0.02 |
| 7              | 70   | 46   | 58  | 8   | 0   | 0.15 | 7         | 74   | 48   | 61   | 5   | 1    | 0.05      | 7        | 76   | 53  | 65  | 3    | 3   | 0.02 |
| 8              | 70   | 46   | 58  | 8   | 0   | 0.15 | 8         | 74   | 48   | 61   | 5   | 1    | 0.05      | 8        | 76   | 53  | 65  | 3    | 3   | 0.02 |
| 9              | 70   | 46   | 58  | 8   | 0   | 0.14 | 9         | 74   | 49   | 61   | 5   | 1    | 0.05      | 9        | 77   | 53  | 65  | 3    | 3   | 0.01 |
| 10             | 70   | 46   | 58  | 8   | 0   | 0.14 | 10        | 74   | 49   | 62   | 5   | 1    | 0.04      | 10       | 77   | 53  | 65  | 3    | 3   | 0.01 |
| 11             | 70   | 46   | 58  | 7   | 0   | 0.14 | 11        | 75   | 49   | 62   | 5   | 1    | 0.04      | 11       | 77   | 54  | 65  | 3    | 3   | 0.01 |
| 12             | 70   | 46   | 58  | 7   | 0   | 0.14 | 12        | 75   | 49   | 62   | 5   | 2    | 0.04      | 12       | 77   | 54  | 65  | 3    | 3   | 0.01 |
| 13             | 70   | 46   | 58  | 7   | 0   | 0.14 | 13        | 75   | 49   | 62   | 5   | 2    | 0.03      | 13       | 77   | 54  | 65  | 3    | 3   | 0.01 |
| 14             | 70   | 46   | 58  | 7   | 0   | 0.14 | 14        | 75   | 49   | 62   | 4   | 2    | 0.03      | 14       | 77   | 54  | 66  | 3    | 3   | 0.01 |
| 15             | 70   | 46   | 58  | 7   | 0   | 0.13 | 15        | 75   | 49   | 62   | 4   | 2    | 0.03      | 15       | 77   | 54  | 66  | 3    | 3   | 0.01 |
| 16             | 70   | 46   | 58  | 7   | 0   | 0.13 | 16        | 75   | 49   | 62   | 4   | 2    | 0.03      | 16       | 77   | 54  | 66  | 2    | 3   | 0.01 |
| 17             | 70   | 46   | 58  | 7   | 1   | 0.13 | 17        | 75   | 50   | 62   | 4   | 2    | 0.03      | 17       | 77   | 54  | 66  | 2    | 3   | 0.01 |
| 18             | 70   | 46   | 58  | 7   | 1   | 0.12 | 18        | 75   | 50   | 63   | 4   | 2    | 0.02      | 18       | 78   | 55  | 66  | 2    | 3   | 0.01 |
| 19             | 71   | 46   | 58  | 7   | 1   | 0.12 | 19        | 75   | 50   | 63   | 4   | 2    | 0.02      | 19       | 78   | 55  | 66  | 2    | 4   | 0.01 |
| 20             | 71   | 46   | 59  | 7   | 1   | 0.12 | 20        | 76   | 50   | 63   | 4   | 2    | 0.02      | 20       | 78   | 55  | 66  | 2    | 4   | 0.01 |
| 21             | 71   | 47   | 59  | 7   | 1   | 0.12 | 21        | 76   | 50   | 63   | 4   | 2    | 0.02      | 21       | 78   | 55  | 67  | 2    | 4   | 0.01 |
| 22             | 71   | 47   | 59  | 7   | 1   | 0.11 | 22        | 76   | 50   | 63   | 4   | 2    | 0.02      | 22       | 78   | 55  | 67  | 2    | 4   | 0.01 |
| 23             | 71   | 47   | 59  | 7   | 1   | 0.11 | 23        | 76   | 51   | 63   | 4   | 2    | 0.02      | 23       | 78   | 55  | 67  | 2    | 4   | 0.01 |
| 24             | 71   | 47   | 59  | 7   | 1   | 0.11 | 24        | 76   | 51   | 63   | 4   | 2    | 0.02      | 24       | 78   | 55  | 67  | 2    | 4   | 0.01 |
| 25             | 71   | 47   | 59  | 7   | 1   | 0.10 | 25        | 76   | 51   | 63   | 4   | 2    | 0.02      | 25       | 79   | 55  | 67  | 2    | 4   | 0.01 |
| 26             | 72   | 47   | 59  | 6   | 1   | 0.10 | 26        | 76   | 51   | 64   | 4   | 2    | 0.01      | 26       | 79   | 56  | 67  | 2    | 4   | 0.01 |
| 27             | 72   | 47   | 59  | 6   | 1   | 0.10 | 27        | 76   | 51   | 64   | 3   | 2    | 0.01      | 27       | 79   | 56  | 67  | 2    | 4   | 0.01 |
| 28             | 72   | 47   | 60  | 6   | 1   | 0.09 | 28        | 76   | 51   | 64   | 3   | 2    | 0.01      | 28       | 79   | 56  | 68  | 2    | 4   | 0.01 |
| 29             | 72   | 47   | 60  | 6   | 1   | 0.09 | 29        | 76   | 51   | 64   | 3   | 2    | 0.01      | 29       | 79   | 56  | 68  | 2    | 4   | 0.01 |
| 30             | 72   | 47   | 60  | 6   | 1   | 0.08 | 30        | 76   | 52   | 64   | 3   | 2    | 0.01      | 30       | 80   | 56  | 68  | 2    | 5   | 0.01 |
| 31             | 72   | 48   | 60  | 6   | 1   | 0.08 |           |      |      |      |     |      |           | 31       | 80   | 56  | 68  | 2    | 5   | 0.01 |
| MTH: 70.6      | 46.2 | 58.4 |     | 221 | 15  | 3.88 | MTH: 74.9 | 49.5 | 62.2 | 132  | 49  | 1.02 | MTH: 77.5 | 54.2     | 65.9 | 77  | 104 | 0.37 |     |      |
| SPRING SEASON: |      |      |     |     |     |      |           | 74.3 | 50.0 | 62.2 | 430 | 168  | 5.27      |          |      |     |     |      |     |      |



Latitude: 34<sup>B</sup> 11\* 00 ( Longitude: -118<sup>B</sup> 20\* 00 ( Elevation (feet): 655

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| JUNE                            |     |     |     |     |     |      | JULY                            |     |     |     |     |     |      | AUGUST                          |     |     |     |     |     |      |
|---------------------------------|-----|-----|-----|-----|-----|------|---------------------------------|-----|-----|-----|-----|-----|------|---------------------------------|-----|-----|-----|-----|-----|------|
| Date                            | MAX | MIN | AVG | HDD | CDD | PRCP | Date                            | MAX | MIN | AVG | HDD | CDD | PRCP | Date                            | MAX | MIN | AVG | HDD | CDD | PRCP |
| 1                               | 80  | 56  | 68  | 2   | 5   | 0.01 | 1                               | 87  | 60  | 74  | *   | 9   | 0.00 | 1                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 2                               | 80  | 57  | 68  | 2   | 5   | 0.01 | 2                               | 87  | 61  | 74  | *   | 9   | 0.00 | 2                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 3                               | 80  | 57  | 69  | 1   | 5   | 0.01 | 3                               | 87  | 61  | 74  | 0   | 9   | 0.00 | 3                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 4                               | 81  | 57  | 69  | 1   | 5   | 0.01 | 4                               | 87  | 61  | 74  | 0   | 9   | 0.00 | 4                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 5                               | 81  | 57  | 69  | 1   | 5   | 0.01 | 5                               | 87  | 61  | 74  | 0   | 10  | 0.00 | 5                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 6                               | 81  | 57  | 69  | 1   | 5   | 0.01 | 6                               | 88  | 61  | 74  | 0   | 10  | 0.00 | 6                               | 90  | 63  | 77  | 0   | 12  | 0.00 |
| 7                               | 81  | 57  | 69  | 1   | 5   | 0.01 | 7                               | 88  | 61  | 75  | 0   | 10  | 0.00 | 7                               | 90  | 63  | 77  | 0   | 11  | 0.00 |
| 8                               | 82  | 57  | 69  | 1   | 6   | 0.01 | 8                               | 88  | 61  | 75  | 0   | 10  | 0.00 | 8                               | 90  | 63  | 77  | 0   | 11  | 0.00 |
| 9                               | 82  | 57  | 70  | 1   | 6   | 0.01 | 9                               | 88  | 62  | 75  | 0   | 10  | 0.00 | 9                               | 90  | 63  | 76  | 0   | 11  | 0.00 |
| 10                              | 82  | 58  | 70  | 1   | 6   | 0.01 | 10                              | 88  | 62  | 75  | 0   | 10  | 0.00 | 10                              | 90  | 63  | 76  | 0   | 11  | 0.00 |
| 11                              | 82  | 58  | 70  | 1   | 6   | 0.01 | 11                              | 88  | 62  | 75  | 0   | 10  | 0.00 | 11                              | 90  | 63  | 76  | 0   | 11  | 0.00 |
| 12                              | 82  | 58  | 70  | 1   | 6   | 0.01 | 12                              | 89  | 62  | 75  | 0   | 10  | 0.00 | 12                              | 90  | 63  | 76  | 0   | 11  | 0.00 |
| 13                              | 83  | 58  | 70  | 1   | 6   | 0.00 | 13                              | 89  | 62  | 75  | 0   | 11  | 0.00 | 13                              | 90  | 62  | 76  | 0   | 11  | 0.00 |
| 14                              | 83  | 58  | 71  | 1   | 6   | 0.00 | 14                              | 89  | 62  | 76  | 0   | 11  | 0.00 | 14                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 15                              | 83  | 58  | 71  | 1   | 7   | 0.00 | 15                              | 89  | 62  | 76  | 0   | 11  | 0.00 | 15                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 16                              | 83  | 58  | 71  | 1   | 7   | 0.00 | 16                              | 89  | 62  | 76  | 0   | 11  | 0.00 | 16                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 17                              | 84  | 58  | 71  | 1   | 7   | 0.00 | 17                              | 89  | 62  | 76  | 0   | 11  | 0.00 | 17                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 18                              | 84  | 59  | 71  | 1   | 7   | 0.00 | 18                              | 89  | 62  | 76  | 0   | 11  | 0.00 | 18                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 19                              | 84  | 59  | 71  | 1   | 7   | 0.00 | 19                              | 90  | 62  | 76  | 0   | 11  | 0.00 | 19                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 20                              | 84  | 59  | 72  | 1   | 7   | 0.00 | 20                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 20                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 21                              | 84  | 59  | 72  | 1   | 7   | 0.00 | 21                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 21                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 22                              | 85  | 59  | 72  | 1   | 8   | 0.00 | 22                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 22                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 23                              | 85  | 59  | 72  | 1   | 8   | 0.00 | 23                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 23                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 24                              | 85  | 59  | 72  | 1   | 8   | 0.00 | 24                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 24                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 25                              | 85  | 60  | 73  | 1   | 8   | 0.00 | 25                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 25                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 26                              | 86  | 60  | 73  | 1   | 8   | 0.00 | 26                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 26                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 27                              | 86  | 60  | 73  | 0   | 8   | 0.00 | 27                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 27                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 28                              | 86  | 60  | 73  | 0   | 8   | 0.00 | 28                              | 90  | 63  | 76  | 0   | 11  | 0.00 | 28                              | 90  | 62  | 76  | 0   | 11  | 0.01 |
| 29                              | 86  | 60  | 73  | 0   | 9   | 0.00 | 29                              | 90  | 63  | 77  | 0   | 11  | 0.00 | 29                              | 89  | 62  | 76  | 0   | 11  | 0.01 |
| 30                              | 86  | 60  | 73  | 0   | 9   | 0.00 | 30                              | 90  | 63  | 77  | 0   | 12  | 0.01 | 30                              | 89  | 62  | 75  | 0   | 11  | 0.01 |
| MTH: 83.2 58.3 70.8 28 200 0.12 |     |     |     |     |     |      | MTH: 88.9 62.1 75.5 2 327 0.02  |     |     |     |     |     |      | MTH: 89.9 62.4 76.2 0 347 0.18  |     |     |     |     |     |      |
| SUMMER SEASON:                  |     |     |     |     |     |      | 87.3 60.9 74.2 30 874 0.32      |     |     |     |     |     |      |                                 |     |     |     |     |     |      |
| SEPTEMBER                       |     |     |     |     |     |      | OCTOBER                         |     |     |     |     |     |      | NOVEMBER                        |     |     |     |     |     |      |
| Date                            | MAX | MIN | AVG | HDD | CDD | PRCP | Date                            | MAX | MIN | AVG | HDD | CDD | PRCP | Date                            | MAX | MIN | AVG | HDD | CDD | PRCP |
| 1                               | 89  | 62  | 75  | 0   | 11  | 0.01 | 1                               | 85  | 57  | 71  | 0   | 6   | 0.01 | 1                               | 77  | 49  | 63  | 3   | 2   | 0.02 |
| 2                               | 89  | 62  | 75  | 0   | 10  | 0.01 | 2                               | 85  | 57  | 71  | 0   | 6   | 0.01 | 2                               | 77  | 49  | 63  | 4   | 2   | 0.02 |
| 3                               | 89  | 61  | 75  | 0   | 10  | 0.01 | 3                               | 84  | 57  | 71  | 0   | 6   | 0.01 | 3                               | 77  | 48  | 63  | 4   | 1   | 0.03 |
| 4                               | 89  | 61  | 75  | 0   | 10  | 0.01 | 4                               | 84  | 57  | 70  | 0   | 6   | 0.01 | 4                               | 76  | 48  | 62  | 4   | 1   | 0.03 |
| 5                               | 88  | 61  | 75  | 0   | 10  | 0.01 | 5                               | 84  | 56  | 70  | 0   | 6   | 0.01 | 5                               | 76  | 48  | 62  | 4   | 1   | 0.03 |
| 6                               | 88  | 61  | 75  | 0   | 10  | 0.01 | 6                               | 84  | 56  | 70  | 0   | 5   | 0.01 | 6                               | 76  | 48  | 62  | 4   | 1   | 0.03 |
| 7                               | 88  | 61  | 75  | 0   | 10  | 0.01 | 7                               | 84  | 56  | 70  | 0   | 5   | 0.01 | 7                               | 76  | 47  | 62  | 5   | 1   | 0.03 |
| 8                               | 88  | 61  | 75  | 0   | 10  | 0.01 | 8                               | 83  | 56  | 70  | 0   | 5   | 0.02 | 8                               | 75  | 47  | 61  | 5   | 1   | 0.03 |
| 9                               | 88  | 61  | 74  | 0   | 10  | 0.01 | 9                               | 83  | 56  | 69  | 1   | 5   | 0.02 | 9                               | 75  | 47  | 61  | 5   | 1   | 0.03 |
| 10                              | 88  | 61  | 74  | 0   | 10  | 0.01 | 10                              | 83  | 55  | 69  | 1   | 5   | 0.02 | 10                              | 75  | 46  | 61  | 5   | 1   | 0.03 |
| 11                              | 88  | 61  | 74  | 0   | 10  | 0.01 | 11                              | 83  | 55  | 69  | 1   | 4   | 0.02 | 11                              | 75  | 46  | 60  | 5   | 1   | 0.03 |
| 12                              | 88  | 61  | 74  | *   | 9   | 0.01 | 12                              | 83  | 55  | 69  | 1   | 4   | 0.02 | 12                              | 74  | 46  | 60  | 6   | 1   | 0.03 |
| 13                              | 88  | 60  | 74  | *   | 9   | 0.01 | 13                              | 82  | 55  | 68  | 1   | 4   | 0.02 | 13                              | 74  | 46  | 60  | 6   | 1   | 0.03 |
| 14                              | 87  | 60  | 74  | *   | 9   | 0.01 | 14                              | 82  | 54  | 68  | 1   | 4   | 0.02 | 14                              | 74  | 46  | 60  | 6   | 1   | 0.03 |
| 15                              | 87  | 60  | 74  | *   | 9   | 0.01 | 15                              | 82  | 54  | 68  | 1   | 4   | 0.02 | 15                              | 74  | 45  | 59  | 6   | 1   | 0.03 |
| 16                              | 87  | 60  | 74  | *   | 9   | 0.01 | 16                              | 82  | 54  | 68  | 1   | 4   | 0.02 | 16                              | 73  | 45  | 59  | 6   | 1   | 0.03 |
| 17                              | 87  | 60  | 73  | *   | 9   | 0.01 | 17                              | 81  | 53  | 67  | 1   | 3   | 0.02 | 17                              | 73  | 45  | 59  | 7   | 1   | 0.04 |
| 18                              | 87  | 60  | 73  | *   | 9   | 0.01 | 18                              | 81  | 53  | 67  | 1   | 3   | 0.02 | 18                              | 73  | 45  | 59  | 7   | 1   | 0.04 |
| 19                              | 87  | 60  | 73  | *   | 9   | 0.01 | 19                              | 81  | 53  | 67  | 1   | 3   | 0.02 | 19                              | 73  | 44  | 59  | 7   | 0   | 0.04 |
| 20                              | 87  | 59  | 73  | *   | 8   | 0.01 | 20                              | 81  | 53  | 67  | 1   | 3   | 0.02 | 20                              | 72  | 44  | 58  | 7   | 0   | 0.04 |
| 21                              | 86  | 59  | 73  | *   | 8   | 0.01 | 21                              | 80  | 52  | 66  | 2   | 3   | 0.02 | 21                              | 72  | 44  | 58  | 7   | 0   | 0.04 |
| 22                              | 86  | 59  | 73  | *   | 8   | 0.01 | 22                              | 80  | 52  | 66  | 2   | 3   | 0.02 | 22                              | 72  | 44  | 58  | 7   | 0   | 0.04 |
| 23                              | 86  | 59  | 73  | *   | 8   | 0.01 | 23                              | 80  | 52  | 66  | 2   | 3   | 0.02 | 23                              | 72  | 44  | 58  | 8   | 0   | 0.04 |
| 24                              | 86  | 59  | 72  | 0   | 8   | 0.01 | 24                              | 80  | 52  | 66  | 2   | 3   | 0.02 | 24                              | 71  | 43  | 57  | 8   | 0   | 0.04 |
| 25                              | 86  | 58  | 72  | 0   | 8   | 0.01 | 25                              | 79  | 51  | 65  | 2   | 2   | 0.02 | 25                              | 71  | 43  | 57  | 8   | 0   | 0.04 |
| 26                              | 86  | 58  | 72  | 0   | 7   | 0.01 | 26                              | 79  | 51  | 65  | 2   | 2   | 0.02 | 26                              | 71  | 43  | 57  | 8   | 0   | 0.04 |
| 27                              | 85  | 58  | 72  | 0   | 7   | 0.01 | 27                              | 79  | 51  | 65  | 2   | 2   | 0.02 | 27                              | 71  | 43  | 57  | 8   | 0   | 0.04 |
| 28                              | 85  | 58  | 72  | 0   | 7   | 0.01 | 28                              | 79  | 50  | 65  | 3   | 2   | 0.02 | 28                              | 70  | 43  | 57  | 9   | 0   | 0.05 |
| 29                              | 85  | 58  | 71  | 0   | 7   | 0.01 | 29                              | 78  | 50  | 64  | 3   | 2   | 0.02 | 29                              | 70  | 43  | 57  | 9   | 0   | 0.05 |
| 30                              | 85  | 58  | 71  | 0   | 7   | 0.01 | 30                              | 78  | 50  | 64  | 3   | 2   | 0.02 | 30                              | 70  | 43  | 56  | 9   | 0   | 0.05 |
| MTH: 87.1 59.9 73.5 12 266 0.30 |     |     |     |     |     |      | MTH: 81.5 53.6 67.6 38 117 0.55 |     |     |     |     |     |      | MTH: 73.5 45.4 59.5 187 20 1.05 |     |     |     |     |     |      |
| AUTUMN SEASON:                  |     |     |     |     |     |      | 80.7 53.0 66.9 237 403 1.90     |     |     |     |     |     |      |                                 |     |     |     |     |     |      |
| ANNUAL:                         |     |     |     |     |     |      | 77.7 51.6 64.7 1575 1455 17.49  |     |     |     |     |     |      |                                 |     |     |     |     |     |      |



# CLIMATOGRAPHY OF THE UNITED STATES NO. 84, 1971-2000

## Daily Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

Station Name: BURBANK VALLEY PUMP PLNT BUR CALIFORNIA Station Number: 041194

Latitude: 34° 11' 00" ( Longitude: -118° 20' 00" ( Elevation (feet): 655

Climate Division: CA 06 South Coast Drainage Basin

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| PRECIPITATION PROBABILITIES |       |       |       |      |      |      |      |      |      |      |      |       |        |
|-----------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|--------|
| Probability                 | JAN   | FEB   | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   | ANNUAL |
| 0.005                       | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 2.18   |
| 0.010                       | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 2.78   |
| 0.050                       | 0.00  | 0.03  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 5.05   |
| 0.100                       | 0.00  | 0.17  | 0.15  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 6.71   |
| 0.200                       | 0.39  | 0.58  | 0.64  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.24  | 9.21   |
| 0.300                       | 0.89  | 1.11  | 1.19  | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.24 | 0.54  | 11.38  |
| 0.400                       | 1.48  | 1.77  | 1.83  | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.44 | 0.90  | 13.50  |
| 0.500                       | 2.21  | 2.59  | 2.59  | 0.55 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.67 | 1.34  | 15.71  |
| 0.600                       | 3.11  | 3.64  | 3.52  | 0.84 | 0.12 | 0.00 | 0.00 | 0.00 | 0.04 | 0.39 | 0.95 | 1.89  | 18.15  |
| 0.700                       | 4.29  | 5.05  | 4.71  | 1.22 | 0.28 | 0.01 | 0.00 | 0.00 | 0.18 | 0.61 | 1.30 | 2.60  | 21.02  |
| 0.800                       | 5.96  | 7.08  | 6.40  | 1.76 | 0.57 | 0.12 | 0.00 | 0.10 | 0.44 | 0.94 | 1.79 | 3.61  | 24.74  |
| 0.900                       | 8.86  | 10.65 | 9.29  | 2.71 | 1.05 | 0.39 | 0.06 | 0.55 | 1.00 | 1.55 | 2.60 | 5.36  | 30.58  |
| 0.950                       | 11.79 | 14.29 | 12.18 | 3.67 | 1.71 | 0.71 | 0.13 | 1.12 | 1.62 | 2.18 | 3.45 | 7.13  | 36.00  |
| 0.990                       | 18.66 | 22.92 | 18.89 | 5.89 | 3.66 | 1.54 | 0.29 | 2.84 | 3.20 | 3.69 | 5.32 | 11.27 | 47.72  |
| 0.995                       | 21.62 | 26.68 | 21.78 | 6.86 | 4.47 | 1.91 | 0.36 | 3.62 | 3.91 | 4.35 | 6.13 | 13.06 | 52.53  |

| PRECIPITATION QUINTILES |       |       |       |      |      |      |      |      |      |      |      |      |
|-------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| Level                   | JAN   | FEB   | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  |
| 0 <                     | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1                       | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|                         | 0.39  | 0.58  | 0.64  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.24 |
| 2                       | 0.40  | 0.59  | 0.65  | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.25 |
|                         | 1.48  | 1.77  | 1.83  | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.44 | 0.90 |
| 3                       | 1.49  | 1.78  | 1.84  | 0.33 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.13 | 0.45 | 0.91 |
|                         | 3.11  | 3.64  | 3.52  | 0.84 | 0.12 | 0.00 | 0.00 | 0.00 | 0.04 | 0.39 | 0.95 | 1.89 |
| 4                       | 3.12  | 3.65  | 3.53  | 0.85 | 0.13 | 0.01 | 0.00 | 0.01 | 0.05 | 0.40 | 0.96 | 1.90 |
|                         | 5.96  | 7.08  | 6.40  | 1.76 | 0.57 | 0.12 | 0.00 | 0.10 | 0.44 | 0.94 | 1.79 | 3.61 |
| 5                       | 5.97  | 7.09  | 6.41  | 1.77 | 0.58 | 0.13 | 0.01 | 0.11 | 0.45 | 0.95 | 1.80 | 3.62 |
|                         | 15.92 | 15.52 | 12.87 | 5.47 | 4.37 | 1.04 | 0.21 | 2.97 | 3.39 | 4.26 | 3.54 | 6.72 |
| 6 >                     | 15.92 | 15.52 | 12.87 | 5.47 | 4.37 | 1.04 | 0.21 | 2.97 | 3.39 | 4.26 | 3.54 | 6.72 |

### Abbreviations:

**MAX** = Maximum Temperature (degrees Fahrenheit)  
**MIN** = Minimum Temperature (degrees Fahrenheit)  
**AVG** = Average Temperature (degrees Fahrenheit)

### NOTES

**HDD** = Heating Degree Days (base 65)  
**CDD** = Cooling Degree Days (base 65)  
**PRCP** = Precipitation Amount (inches)

**MTH** = Monthly Means / Totals  
**SEASON** = Seasonal Means / Totals  
**ANNUAL** = Annual Means / Totals

This publication presents daily temperature, precipitation, and heating and cooling degree day normals for stations based on the 1971-2000 record *adjusted* to the present station location. Stations contained in the monthly normals (Climatology of the United States No. 81) are included. Precipitation-only stations have no data in the temperature and degree day fields on Pages 1 and 2. Latitude and longitude values are presented in DD MM SS, where DD=Degrees, MM=Minutes, and SS=Seconds. Small differences between monthly values in this publication and the monthly normals presented in Climatology of the United States No.81 are attributable to smoothing techniques applied to this data set, as described below.

### Daily Normals Tables:

The daily values presented in these tables are not simple means of the observed daily values. They are interpolated from the much less variable monthly normals by use of the natural spline function. The procedure involved constructing a cumulative series of monthly sums from the monthly normals. The cumulative series was for a 24-month period (July, August, ..., December, January, ..., December, January, ..., June), so that the interpolating function could adequately fit the end points in the annual series. This process was applied independently to all six elements. No normal values for February 29 are included; in common practice, the normal values for the 28<sup>th</sup> are used for the 29<sup>th</sup> in each leap year. Thus, for leap years, the February monthly total degree days or precipitation are calculated by adding the daily value for the 28<sup>th</sup> to the monthly total. February temperature averages are likewise not adjusted for leap years. For most stations, the monthly heating and cooling degree day normals (base 65 degrees Fahrenheit) are derived from monthly normal temperature using an estimation technique developed by H.C.S. Thom. An asterisk (\*) for a daily degree day value indicates a daily normal of less than one degree day, but not equal to zero. Seasonal means / totals correspond to the three months listed immediately above.

### Precipitation Probabilities and Quintiles Tables:

The precipitation probabilities are the monthly precipitation totals that correspond to the indicated probability levels. The probability levels are based on the 1971-2000 historical sequential monthly precipitation. The historical precipitation data are the adjusted values from the monthly normals (Climatology of the United States No. 81).

When historical climate data are accumulated and examined, they generally follow a certain pattern called a statistical distribution. While temperature usually follows a Gaussian or bell-shaped distribution, precipitation does not because it is zero-bounded. Precipitation generally follows a Gamma distribution, where most values are near zero with rapidly diminishing higher values. Thus, the Gamma distribution was used to estimate the precipitation values in the probability and quintile tables published above. The probability table shows the amount of precipitation expected at fifteen probability levels (0.005, 0.01, 0.05, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 0.95, 0.99, and 0.995) for each month of the year and for the annual total. For example, if 1.77 inches corresponds to the 0.20 probability level, that means that on average, 2 out of 10 years will have 1.77 inches or less of precipitation in that month. It also means that, on average, 8 out of 10 years will have *more than* 1.77 inches of precipitation in that month.

The precipitation quintiles show the expected precipitation values at the five quintile levels for each of the twelve months: 1. First Quintile (0-20%); 2. Second Quintile (20-40%); 3. Third Quintile (40-60%); 4. Fourth Quintile (60-80%); 5. Fifth Quintile (80-100%). For example, if 2.91 and 4.07 inches are the bounds for the second quintile (level 2), then a monthly total precipitation amount for that month falling in the range 2.91 to 4.07 would be classified as a second quintile precipitation amount and that month would be considered relatively dry. The first line (level 0 <) in the table shows the minimum precipitation value derived from the historical record. Quintile level 0 would be used if a future precipitation observation is less than the 1971-2000 value. Level 6 > would be used if the observed value is more than the 1971-2000 maximum.

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National Climatic Data Center/NESDIS/NOAA, Asheville, North Carolina