

## YUMA VALLEY: YUMA AGRICULTURAL CENTER JANUARY NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u> | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|------------|
| 1          | 20        | 6         | 13        | 79         | 28         | 54         | 1         | 11.2        | 13          | 2.7        | 3         | 3          | 2.8        |
| 2          | 20        | 6         | 13        | 79         | 29         | 53         | 1         | 11.2        | 14          | 2.8        | 3         | 5          | 3.0        |
| 3          | 19        | 6         | 13        | 80         | 28         | 51         | 1         | 9.8         | 14          | 2.9        | 2         | 7          | 2.7        |
| 4          | 19        | 6         | 12        | 81         | 35         | 56         | 2         | 9.7         | 13          | 2.4        | 2         | 9          | 2.2        |
| 5          | 19        | 6         | 13        | 85         | 37         | 58         | 3         | 10.3        | 13          | 2.7        | 2         | 12         | 2.4        |
| 6          | 18        | 5         | 12        | 84         | 27         | 52         | 0         | 12.0        | 13          | 3.1        | 2         | 13         | 3.1        |
| 7          | 19        | 4         | 11        | 83         | 29         | 54         | 0         | 11.6        | 13          | 2.4        | 2         | 15         | 2.6        |
| 8          | 19        | 4         | 11        | 85         | 26         | 54         | 0         | 12.1        | 13          | 2.6        | 2         | 17         | 2.8        |
| 9          | 20        | 4         | 12        | 81         | 28         | 55         | 0         | 12.1        | 13          | 2.6        | 2         | 19         | 2.8        |
| 10         | 21        | 5         | 12        | 81         | 31         | 56         | 2         | 11.5        | 13          | 2.7        | 3         | 22         | 2.8        |
| 11         | 21        | 6         | 13        | 81         | 30         | 55         | 2         | 11.5        | 14          | 2.8        | 3         | 24         | 2.9        |
| 12         | 20        | 6         | 13        | 78         | 33         | 56         | 1         | 10.8        | 13          | 2.9        | 2         | 27         | 2.9        |
| 13         | 21        | 5         | 13        | 82         | 32         | 56         | 2         | 12.0        | 14          | 2.4        | 3         | 29         | 2.8        |
| 14         | 21        | 5         | 13        | 85         | 30         | 56         | 2         | 11.0        | 14          | 2.3        | 3         | 32         | 2.6        |
| 15         | 20        | 5         | 12        | 80         | 29         | 55         | 1         | 11.2        | 14          | 2.6        | 2         | 35         | 2.6        |
| 16         | 20        | 6         | 13        | 81         | 30         | 55         | 2         | 12.3        | 14          | 2.9        | 2         | 37         | 2.9        |
| 17         | 20        | 7         | 13        | 77         | 30         | 52         | 2         | 12.5        | 14          | 3.0        | 3         | 40         | 3.2        |
| 18         | 20        | 6         | 13        | 76         | 28         | 51         | 0         | 12.7        | 14          | 2.9        | 3         | 42         | 3.3        |
| 19         | 21        | 5         | 13        | 81         | 25         | 52         | 1         | 13.0        | 14          | 2.6        | 3         | 45         | 3.1        |
| 20         | 21        | 5         | 13        | 81         | 27         | 52         | 1         | 13.1        | 14          | 2.7        | 3         | 48         | 3.2        |
| 21         | 20        | 5         | 13        | 82         | 27         | 52         | 1         | 12.5        | 14          | 2.6        | 3         | 50         | 3.1        |
| 22         | 21        | 6         | 13        | 76         | 23         | 48         | 0         | 12.4        | 14          | 2.4        | 3         | 53         | 3.0        |
| 23         | 22        | 5         | 13        | 80         | 22         | 49         | 1         | 13.2        | 14          | 2.2        | 3         | 56         | 3.2        |
| 24         | 22        | 5         | 14        | 83         | 25         | 52         | 1         | 13.3        | 15          | 2.2        | 3         | 60         | 3.2        |
| 25         | 21        | 7         | 14        | 77         | 28         | 51         | 2         | 11.9        | 15          | 3.1        | 3         | 63         | 3.3        |
| 26         | 21        | 6         | 14        | 78         | 26         | 51         | 1         | 12.7        | 15          | 2.8        | 3         | 66         | 3.3        |
| 27         | 21        | 6         | 13        | 84         | 28         | 55         | 2         | 12.7        | 15          | 2.3        | 3         | 68         | 3.0        |
| 28         | 22        | 6         | 14        | 81         | 25         | 53         | 2         | 14.3        | 15          | 2.3        | 3         | 72         | 3.4        |
| 29         | 22        | 6         | 14        | 79         | 24         | 48         | 1         | 14.7        | 15          | 2.9        | 3         | 75         | 3.9        |
| 30         | 22        | 7         | 14        | 73         | 22         | 45         | 1         | 13.7        | 15          | 3.3        | 4         | 78         | 3.9        |
| 31         | <u>22</u> | <u>7</u>  | <u>14</u> | <u>76</u>  | <u>26</u>  | <u>50</u>  | <u>2</u>  | <u>13.5</u> | <u>15</u>   | <u>2.7</u> | <u>3</u>  | <u>82</u>  | <u>3.4</u> |
| AVG        | 20        | 6         | 13        | 80         | 28         | 53         | 1         | 12.1        | 14          | 2.7        | 3         |            |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 82        |            | 93.3       |

PPT= 8.9

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |

For Years 1987-2001

## YUMA VALLEY: YUMA AGRICULTURAL CENTER FEBRUARY NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u> | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|------------|
| 1          | 22        | 7         | 14        | 82         | 27         | 54         | 3         | 14.0        | 15          | 2.7        | 3         | 85         | 3.5        |
| 2          | 22        | 7         | 14        | 81         | 27         | 52         | 2         | 14.3        | 15          | 2.5        | 3         | 88         | 3.5        |
| 3          | 23        | 6         | 14        | 79         | 24         | 50         | 1         | 14.0        | 15          | 2.7        | 4         | 92         | 3.6        |
| 4          | 23        | 8         | 15        | 77         | 24         | 49         | 2         | 13.8        | 15          | 2.6        | 4         | 96         | 3.6        |
| 5          | 23        | 7         | 15        | 78         | 27         | 53         | 2         | 14.8        | 16          | 2.7        | 4         | 100        | 3.7        |
| 6          | 22        | 7         | 14        | 75         | 25         | 50         | 1         | 15.0        | 16          | 2.9        | 4         | 103        | 3.9        |
| 7          | 21        | 7         | 14        | 77         | 28         | 52         | 1         | 14.0        | 15          | 2.7        | 3         | 107        | 3.4        |
| 8          | 21        | 7         | 14        | 78         | 29         | 54         | 2         | 12.4        | 15          | 2.4        | 3         | 110        | 2.9        |
| 9          | 23        | 6         | 14        | 84         | 28         | 56         | 3         | 15.6        | 16          | 2.0        | 4         | 114        | 3.4        |
| 10         | 22        | 7         | 15        | 81         | 27         | 52         | 3         | 15.9        | 16          | 2.6        | 4         | 117        | 3.9        |
| 11         | 22        | 8         | 15        | 78         | 27         | 53         | 3         | 15.6        | 16          | 2.8        | 4         | 121        | 3.9        |
| 12         | 22        | 8         | 15        | 82         | 26         | 54         | 3         | 14.7        | 16          | 3.1        | 4         | 125        | 3.8        |
| 13         | 22        | 9         | 15        | 80         | 28         | 51         | 4         | 15.3        | 16          | 3.5        | 4         | 128        | 4.2        |
| 14         | 21        | 8         | 15        | 79         | 29         | 52         | 2         | 14.9        | 16          | 3.0        | 4         | 132        | 3.8        |
| 15         | 23        | 6         | 15        | 79         | 25         | 51         | 1         | 16.8        | 16          | 2.3        | 4         | 135        | 3.9        |
| 16         | 23        | 7         | 15        | 81         | 24         | 52         | 2         | 15.5        | 16          | 2.2        | 4         | 139        | 3.6        |
| 17         | 23        | 8         | 15        | 78         | 27         | 52         | 3         | 16.0        | 17          | 2.8        | 4         | 143        | 4.0        |
| 18         | 23        | 6         | 15        | 82         | 25         | 53         | 2         | 15.9        | 17          | 2.4        | 4         | 147        | 3.8        |
| 19         | 23        | 8         | 16        | 75         | 25         | 48         | 2         | 16.2        | 17          | 3.1        | 4         | 152        | 4.4        |
| 20         | 24        | 8         | 16        | 78         | 25         | 47         | 3         | 17.1        | 17          | 2.7        | 5         | 156        | 4.5        |
| 21         | 23        | 8         | 16        | 75         | 23         | 47         | 2         | 17.0        | 17          | 2.7        | 4         | 160        | 4.4        |
| 22         | 24        | 7         | 16        | 72         | 23         | 46         | 1         | 17.6        | 17          | 2.4        | 4         | 164        | 4.4        |
| 23         | 24        | 8         | 16        | 74         | 22         | 45         | 1         | 17.9        | 17          | 3.2        | 4         | 169        | 4.9        |
| 24         | 23        | 8         | 16        | 73         | 21         | 44         | 0         | 17.7        | 17          | 3.0        | 4         | 173        | 4.7        |
| 25         | 23        | 7         | 15        | 80         | 22         | 48         | 2         | 16.7        | 17          | 2.6        | 4         | 177        | 4.2        |
| 26         | 23        | 8         | 15        | 82         | 28         | 53         | 3         | 15.8        | 18          | 2.1        | 4         | 181        | 3.7        |
| 27         | 23        | 7         | 15        | 86         | 28         | 57         | 3         | 15.9        | 18          | 2.1        | 4         | 185        | 3.6        |
| 28         | <u>24</u> | <u>8</u>  | <u>16</u> | <u>83</u>  | <u>24</u>  | <u>52</u>  | <u>3</u>  | <u>18.0</u> | <u>18</u>   | <u>2.2</u> | <u>4</u>  | <u>190</u> | <u>4.2</u> |
| AVG        | 23        | 7         | 15        | 79         | 26         | 51         | 2         | 15.7        | 16          | 2.6        | 4         |            |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 108       |            | 109.4      |
|            |           |           |           |            |            |            |           | PPT=        | 7.7         |            |           |            |            |

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER MARCH NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u> | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|------------|
| 1          | 24        | 8         | 16        | 82         | 22         | 47         | 2         | 19.1        | 18          | 2.4        | 4         | 194        | 4.6        |
| 2          | 24        | 7         | 16        | 84         | 24         | 54         | 3         | 17.8        | 18          | 1.9        | 5         | 199        | 4.0        |
| 3          | 25        | 8         | 16        | 85         | 24         | 54         | 4         | 19.0        | 18          | 2.2        | 5         | 203        | 4.4        |
| 4          | 24        | 10        | 17        | 76         | 24         | 49         | 3         | 19.4        | 18          | 2.8        | 5         | 208        | 5.1        |
| 5          | 24        | 8         | 17        | 77         | 27         | 50         | 3         | 17.9        | 18          | 2.7        | 5         | 213        | 4.5        |
| 6          | 25        | 9         | 17        | 83         | 23         | 49         | 4         | 18.9        | 19          | 2.7        | 5         | 218        | 4.8        |
| 7          | 24        | 8         | 16        | 76         | 27         | 50         | 2         | 18.9        | 18          | 2.5        | 5         | 223        | 4.7        |
| 8          | 25        | 8         | 17        | 77         | 23         | 49         | 2         | 20.6        | 19          | 2.0        | 5         | 228        | 4.8        |
| 9          | 27        | 8         | 17        | 81         | 21         | 48         | 3         | 20.8        | 19          | 2.2        | 6         | 233        | 5.1        |
| 10         | 26        | 10        | 19        | 73         | 21         | 42         | 3         | 20.9        | 19          | 3.0        | 6         | 239        | 5.9        |
| 11         | 26        | 10        | 18        | 78         | 20         | 43         | 3         | 21.3        | 19          | 3.0        | 6         | 245        | 5.8        |
| 12         | 27        | 10        | 18        | 74         | 18         | 44         | 2         | 21.7        | 19          | 2.6        | 6         | 252        | 5.7        |
| 13         | 27        | 9         | 18        | 77         | 17         | 44         | 2         | 21.1        | 19          | 2.3        | 6         | 258        | 5.5        |
| 14         | 27        | 9         | 18        | 82         | 21         | 48         | 3         | 20.7        | 20          | 2.1        | 6         | 264        | 5.1        |
| 15         | 27        | 9         | 18        | 81         | 20         | 49         | 4         | 22.5        | 20          | 2.3        | 6         | 270        | 5.6        |
| 16         | 27        | 10        | 19        | 79         | 18         | 47         | 3         | 21.9        | 20          | 2.3        | 6         | 276        | 5.5        |
| 17         | 28        | 10        | 19        | 79         | 15         | 44         | 3         | 22.4        | 21          | 2.3        | 7         | 283        | 5.8        |
| 18         | 29        | 10        | 19        | 77         | 15         | 42         | 3         | 22.8        | 21          | 2.2        | 7         | 290        | 6.0        |
| 19         | 30        | 11        | 20        | 72         | 17         | 40         | 3         | 22.3        | 21          | 2.3        | 8         | 298        | 6.0        |
| 20         | 29        | 10        | 20        | 73         | 15         | 41         | 3         | 21.7        | 21          | 2.5        | 7         | 305        | 5.9        |
| 21         | 29        | 11        | 20        | 74         | 17         | 42         | 4         | 22.4        | 21          | 2.4        | 7         | 312        | 5.8        |
| 22         | 28        | 10        | 19        | 77         | 15         | 41         | 3         | 23.4        | 22          | 2.2        | 7         | 319        | 6.0        |
| 23         | 27        | 11        | 19        | 72         | 19         | 43         | 4         | 23.4        | 22          | 2.9        | 7         | 326        | 6.2        |
| 24         | 28        | 10        | 19        | 80         | 21         | 47         | 5         | 22.8        | 22          | 2.4        | 7         | 333        | 5.8        |
| 25         | 27        | 10        | 19        | 79         | 19         | 46         | 3         | 22.1        | 22          | 2.6        | 6         | 339        | 5.8        |
| 26         | 26        | 10        | 18        | 77         | 22         | 47         | 3         | 21.2        | 21          | 2.4        | 6         | 344        | 5.2        |
| 27         | 27        | 9         | 18        | 82         | 22         | 50         | 4         | 22.9        | 21          | 2.3        | 6         | 350        | 5.6        |
| 28         | 26        | 10        | 18        | 75         | 24         | 48         | 4         | 22.9        | 21          | 2.9        | 6         | 356        | 5.9        |
| 29         | 26        | 10        | 18        | 79         | 22         | 47         | 4         | 23.8        | 21          | 2.4        | 6         | 361        | 5.8        |
| 30         | 27        | 10        | 19        | 79         | 20         | 47         | 4         | 24.4        | 21          | 2.4        | 6         | 367        | 6.2        |
| 31         | <u>27</u> | <u>10</u> | <u>19</u> | <u>77</u>  | <u>19</u>  | <u>44</u>  | <u>4</u>  | <u>24.7</u> | <u>22</u>   | <u>2.6</u> | <u>6</u>  | <u>374</u> | <u>6.4</u> |
| AVG        | 27        | 9         | 18        | 78         | 20         | 46         | 3         | 21.5        | 20          | 2.4        | 6         |            |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 185       |            | 169.5      |

PPT= 9.2

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |

For Years 1987-2001

## YUMA VALLEY: YUMA AGRICULTURAL CENTER APRIL NORMALS

| DAY | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u> | <u>ETo</u> |
|-----|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|------------|
| 1   | 26        | 10        | 18        | 78         | 20         | 47         | 3         | 22.9        | 21          | 2.6        | 6         | 380        | 5.8        |
| 2   | 26        | 10        | 18        | 80         | 20         | 47         | 4         | 23.2        | 21          | 2.5        | 6         | 386        | 5.7        |
| 3   | 27        | 10        | 19        | 81         | 23         | 48         | 5         | 23.6        | 22          | 2.4        | 6         | 392        | 5.9        |
| 4   | 27        | 11        | 19        | 76         | 22         | 46         | 4         | 25.4        | 22          | 2.7        | 6         | 398        | 6.5        |
| 5   | 28        | 11        | 20        | 76         | 19         | 42         | 4         | 24.8        | 22          | 2.7        | 7         | 405        | 6.6        |
| 6   | 29        | 11        | 20        | 78         | 19         | 44         | 5         | 26.0        | 23          | 2.5        | 7         | 413        | 6.7        |
| 7   | 29        | 11        | 20        | 77         | 18         | 44         | 4         | 24.4        | 23          | 2.3        | 7         | 420        | 6.3        |
| 8   | 30        | 12        | 21        | 74         | 15         | 41         | 4         | 26.1        | 23          | 2.5        | 8         | 428        | 6.8        |
| 9   | 29        | 13        | 21        | 65         | 13         | 35         | 2         | 26.3        | 23          | 3.6        | 8         | 435        | 7.7        |
| 10  | 29        | 11        | 21        | 67         | 13         | 35         | 1         | 26.8        | 23          | 2.7        | 8         | 443        | 7.3        |
| 11  | 30        | 10        | 21        | 76         | 13         | 39         | 2         | 26.7        | 23          | 2.2        | 7         | 450        | 7.0        |
| 12  | 29        | 12        | 21        | 77         | 16         | 41         | 4         | 24.4        | 24          | 2.4        | 8         | 458        | 6.5        |
| 13  | 29        | 12        | 21        | 71         | 14         | 38         | 2         | 25.4        | 23          | 2.5        | 8         | 466        | 6.9        |
| 14  | 29        | 11        | 21        | 78         | 14         | 41         | 3         | 26.3        | 23          | 2.4        | 8         | 473        | 6.9        |
| 15  | 29        | 12        | 21        | 72         | 15         | 40         | 3         | 25.5        | 23          | 2.6        | 8         | 481        | 6.8        |
| 16  | 30        | 12        | 21        | 75         | 15         | 41         | 4         | 24.9        | 23          | 2.4        | 8         | 489        | 6.6        |
| 17  | 31        | 12        | 22        | 79         | 17         | 43         | 5         | 26.2        | 24          | 2.2        | 9         | 498        | 6.8        |
| 18  | 31        | 13        | 22        | 78         | 16         | 42         | 5         | 26.0        | 24          | 2.6        | 9         | 507        | 7.1        |
| 19  | 31        | 13        | 22        | 69         | 15         | 37         | 4         | 26.4        | 24          | 2.6        | 9         | 516        | 7.4        |
| 20  | 32        | 13        | 23        | 73         | 16         | 39         | 5         | 26.5        | 24          | 2.7        | 9         | 524        | 7.4        |
| 21  | 31        | 14        | 23        | 75         | 18         | 40         | 6         | 25.8        | 24          | 2.8        | 9         | 534        | 7.3        |
| 22  | 32        | 13        | 23        | 76         | 17         | 41         | 6         | 27.5        | 24          | 2.6        | 9         | 543        | 7.5        |
| 23  | 31        | 13        | 22        | 74         | 16         | 38         | 5         | 27.5        | 25          | 3.2        | 9         | 552        | 7.9        |
| 24  | 30        | 13        | 22        | 67         | 15         | 38         | 4         | 27.6        | 25          | 3.4        | 9         | 561        | 7.8        |
| 25  | 32        | 12        | 22        | 76         | 15         | 39         | 5         | 28.1        | 25          | 2.6        | 9         | 569        | 7.6        |
| 26  | 33        | 13        | 23        | 77         | 13         | 40         | 5         | 28.2        | 25          | 2.1        | 9         | 579        | 7.5        |
| 27  | 34        | 13        | 24        | 78         | 13         | 39         | 6         | 28.4        | 26          | 2.2        | 10        | 589        | 7.9        |
| 28  | 32        | 14        | 24        | 75         | 14         | 36         | 6         | 28.1        | 26          | 2.9        | 10        | 598        | 8.2        |
| 29  | 32        | 14        | 24        | 75         | 14         | 39         | 6         | 27.7        | 26          | 2.3        | 10        | 608        | 7.6        |
| 30  | <u>32</u> | <u>14</u> | <u>23</u> | <u>76</u>  | <u>16</u>  | <u>42</u>  | <u>6</u>  | <u>27.5</u> | <u>26</u>   | <u>2.5</u> | <u>9</u>  | <u>618</u> | <u>7.5</u> |
| AVG | 30        | 12        | 21        | 75         | 16         | 41         | 4         | 26.1        | 24          | 2.6        | 8         |            |            |
| SUM |           |           |           |            |            |            |           |             |             |            | 244       |            | 211.4      |

PPT= 3.8

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER MAY NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u> | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|------------|
| 1          | 32        | 14        | 24        | 75         | 14         | 40         | 5         | 28.4        | 26          | 2.6        | 10        | 628        | 8.0        |
| 2          | 33        | 14        | 24        | 74         | 13         | 38         | 5         | 28.8        | 26          | 2.2        | 10        | 637        | 7.8        |
| 3          | 33        | 15        | 24        | 75         | 15         | 40         | 7         | 27.9        | 26          | 2.4        | 10        | 648        | 7.6        |
| 4          | 34        | 14        | 24        | 72         | 14         | 38         | 6         | 28.4        | 27          | 2.6        | 10        | 658        | 8.0        |
| 5          | 33        | 15        | 24        | 71         | 13         | 38         | 5         | 28.4        | 27          | 2.8        | 10        | 668        | 8.1        |
| 6          | 33        | 14        | 24        | 72         | 13         | 38         | 5         | 28.5        | 27          | 2.6        | 10        | 678        | 7.9        |
| 7          | 34        | 15        | 25        | 70         | 15         | 37         | 6         | 28.6        | 27          | 2.7        | 11        | 689        | 8.1        |
| 8          | 35        | 16        | 25        | 70         | 15         | 37         | 7         | 29.2        | 28          | 2.5        | 11        | 700        | 8.2        |
| 9          | 34        | 16        | 25        | 77         | 14         | 39         | 7         | 28.9        | 28          | 2.2        | 11        | 711        | 8.0        |
| 10         | 34        | 15        | 25        | 76         | 15         | 40         | 7         | 28.8        | 28          | 2.6        | 11        | 722        | 8.1        |
| 11         | 34        | 15        | 25        | 71         | 14         | 39         | 6         | 29.1        | 28          | 2.5        | 11        | 732        | 8.1        |
| 12         | 35        | 16        | 26        | 73         | 14         | 37         | 7         | 28.9        | 28          | 2.5        | 11        | 744        | 8.2        |
| 13         | 35        | 17        | 26        | 70         | 16         | 39         | 8         | 29.6        | 28          | 2.7        | 12        | 755        | 8.5        |
| 14         | 35        | 17        | 26        | 69         | 15         | 38         | 7         | 29.6        | 28          | 2.5        | 11        | 767        | 8.3        |
| 15         | 34        | 16        | 25        | 71         | 16         | 39         | 8         | 28.0        | 28          | 2.4        | 11        | 778        | 7.8        |
| 16         | 34        | 16        | 25        | 74         | 15         | 40         | 8         | 29.2        | 28          | 2.7        | 11        | 789        | 8.2        |
| 17         | 35        | 16        | 26        | 72         | 14         | 38         | 7         | 28.4        | 28          | 2.4        | 11        | 800        | 8.0        |
| 18         | 35        | 16        | 26        | 71         | 14         | 38         | 7         | 28.8        | 28          | 2.2        | 12        | 812        | 8.0        |
| 19         | 35        | 17        | 26        | 68         | 11         | 33         | 6         | 29.0        | 29          | 2.7        | 12        | 824        | 8.7        |
| 20         | 34        | 17        | 26        | 67         | 13         | 35         | 6         | 28.5        | 28          | 2.6        | 12        | 835        | 8.2        |
| 21         | 35        | 16        | 26        | 69         | 12         | 36         | 6         | 29.7        | 28          | 2.3        | 11        | 847        | 8.4        |
| 22         | 35        | 16        | 26        | 70         | 12         | 36         | 6         | 29.5        | 29          | 2.4        | 12        | 858        | 8.5        |
| 23         | 35        | 17        | 27        | 66         | 13         | 35         | 6         | 28.8        | 29          | 2.7        | 12        | 870        | 8.6        |
| 24         | 34        | 17        | 26        | 65         | 15         | 37         | 7         | 29.2        | 28          | 2.9        | 12        | 882        | 8.6        |
| 25         | 34        | 17        | 26        | 68         | 16         | 38         | 8         | 29.6        | 28          | 2.6        | 12        | 894        | 8.4        |
| 26         | 35        | 17        | 26        | 68         | 16         | 38         | 8         | 29.9        | 29          | 2.5        | 12        | 905        | 8.5        |
| 27         | 36        | 17        | 27        | 68         | 13         | 35         | 7         | 29.8        | 29          | 2.4        | 12        | 918        | 8.7        |
| 28         | 36        | 17        | 27        | 72         | 14         | 37         | 8         | 29.2        | 29          | 2.4        | 12        | 930        | 8.3        |
| 29         | 36        | 17        | 27        | 68         | 13         | 34         | 7         | 30.0        | 29          | 2.5        | 12        | 942        | 8.8        |
| 30         | 36        | 17        | 27        | 66         | 10         | 33         | 6         | 30.3        | 29          | 2.1        | 12        | 954        | 8.7        |
| 31         | <u>37</u> | <u>18</u> | <u>28</u> | <u>65</u>  | <u>10</u>  | <u>31</u>  | <u>6</u>  | <u>30.7</u> | <u>30</u>   | <u>2.1</u> | <u>13</u> | <u>966</u> | <u>8.8</u> |
| AVG        | 34        | 16        | 26        | 71         | 14         | 37         | 7         | 29.0        | 28          | 2.5        | 11        |            |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 336       |            | 247.0      |

PPT= 1.2

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER JUNE NORMALS

| DAY | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|-----|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1   | 37        | 17        | 28        | 65         | 10         | 31         | 6         | 29.9        | 29          | 2.5        | 12        | 979         | 9.1        |
| 2   | 38        | 18        | 28        | 63         | 10         | 31         | 6         | 30.6        | 30          | 2.5        | 13        | 991         | 9.1        |
| 3   | 38        | 17        | 28        | 64         | 11         | 32         | 6         | 30.6        | 30          | 2.5        | 12        | 1004        | 9.1        |
| 4   | 38        | 18        | 28        | 65         | 12         | 32         | 7         | 30.7        | 30          | 2.5        | 12        | 1016        | 9.1        |
| 5   | 37        | 18        | 28        | 58         | 13         | 31         | 7         | 29.2        | 30          | 2.8        | 13        | 1029        | 9.0        |
| 6   | 36        | 17        | 27        | 64         | 13         | 33         | 6         | 29.0        | 30          | 2.6        | 12        | 1041        | 8.7        |
| 7   | 35        | 17        | 27        | 67         | 14         | 36         | 7         | 30.7        | 30          | 2.6        | 12        | 1053        | 8.9        |
| 8   | 36        | 18        | 27        | 66         | 14         | 35         | 7         | 30.7        | 30          | 2.7        | 12        | 1065        | 9.0        |
| 9   | 37        | 17        | 28        | 70         | 13         | 36         | 8         | 30.5        | 30          | 2.1        | 12        | 1078        | 8.7        |
| 10  | 38        | 18        | 28        | 71         | 13         | 37         | 8         | 30.9        | 30          | 2.1        | 13        | 1090        | 9.0        |
| 11  | 38        | 18        | 29        | 69         | 12         | 34         | 8         | 31.3        | 31          | 2.3        | 13        | 1103        | 9.3        |
| 12  | 38        | 19        | 29        | 64         | 11         | 32         | 8         | 31.1        | 31          | 2.3        | 13        | 1117        | 9.2        |
| 13  | 38        | 18        | 29        | 61         | 11         | 31         | 7         | 31.1        | 31          | 2.4        | 13        | 1129        | 9.3        |
| 14  | 38        | 19        | 29        | 56         | 12         | 30         | 6         | 31.1        | 30          | 2.6        | 13        | 1143        | 9.6        |
| 15  | 38        | 19        | 29        | 59         | 13         | 31         | 8         | 30.5        | 30          | 2.9        | 13        | 1156        | 9.5        |
| 16  | 38        | 19        | 29        | 61         | 12         | 31         | 8         | 30.6        | 30          | 2.5        | 13        | 1169        | 9.3        |
| 17  | 39        | 18        | 30        | 64         | 11         | 30         | 7         | 30.9        | 30          | 2.1        | 13        | 1182        | 9.2        |
| 18  | 40        | 19        | 30        | 64         | 10         | 31         | 7         | 30.6        | 31          | 1.9        | 14        | 1196        | 9.1        |
| 19  | 41        | 20        | 31        | 63         | 11         | 31         | 8         | 29.9        | 31          | 2.3        | 14        | 1210        | 9.3        |
| 20  | 41        | 21        | 31        | 63         | 13         | 32         | 10        | 29.6        | 32          | 2.3        | 15        | 1224        | 9.2        |
| 21  | 40        | 21        | 31        | 58         | 12         | 29         | 8         | 30.8        | 32          | 2.3        | 14        | 1239        | 9.6        |
| 22  | 40        | 21        | 32        | 55         | 10         | 27         | 7         | 30.9        | 33          | 2.4        | 14        | 1253        | 9.7        |
| 23  | 41        | 21        | 32        | 53         | 10         | 26         | 7         | 30.8        | 32          | 2.6        | 14        | 1267        | 10.0       |
| 24  | 41        | 20        | 32        | 59         | 10         | 28         | 8         | 30.0        | 32          | 2.2        | 14        | 1282        | 9.4        |
| 25  | 41        | 23        | 32        | 53         | 10         | 26         | 8         | 29.2        | 32          | 2.7        | 15        | 1297        | 9.7        |
| 26  | 41        | 21        | 32        | 57         | 11         | 27         | 8         | 30.4        | 32          | 2.6        | 14        | 1311        | 9.9        |
| 27  | 42        | 21        | 32        | 58         | 10         | 28         | 8         | 29.3        | 32          | 2.2        | 15        | 1326        | 9.2        |
| 28  | 41        | 22        | 32        | 63         | 12         | 31         | 11        | 29.6        | 33          | 2.4        | 15        | 1341        | 9.4        |
| 29  | 41        | 22        | 33        | 59         | 12         | 29         | 10        | 30.4        | 33          | 2.6        | 15        | 1356        | 9.9        |
| 30  | <u>41</u> | <u>22</u> | <u>33</u> | <u>54</u>  | <u>11</u>  | <u>29</u>  | <u>9</u>  | <u>29.9</u> | <u>33</u>   | <u>2.7</u> | <u>15</u> | <u>1371</u> | <u>9.7</u> |
| AVG | 39        | 19        | 30        | 62         | 12         | 31         | 8         | 30.4        | 31          | 2.4        | 13        |             |            |
| SUM |           |           |           |            |            |            |           |             |             |            | 404       |             | 278.9      |

PPT= 0.7

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER JULY NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1          | 42        | 23        | 33        | 54         | 10         | 28         | 9         | 30.1        | 33          | 2.5        | 15        | 1386        | 9.7        |
| 2          | 42        | 22        | 33        | 63         | 11         | 32         | 10        | 29.5        | 33          | 2.5        | 15        | 1401        | 9.4        |
| 3          | 41        | 22        | 32        | 63         | 12         | 34         | 10        | 29.4        | 33          | 2.7        | 15        | 1416        | 9.5        |
| 4          | 41        | 22        | 32        | 64         | 13         | 33         | 10        | 30.7        | 32          | 2.5        | 15        | 1430        | 9.7        |
| 5          | 41        | 22        | 32        | 67         | 14         | 37         | 11        | 29.0        | 33          | 2.2        | 15        | 1445        | 8.9        |
| 6          | 41        | 23        | 32        | 69         | 19         | 41         | 14        | 28.6        | 33          | 2.7        | 15        | 1461        | 8.9        |
| 7          | 41        | 24        | 32        | 71         | 20         | 43         | 16        | 28.0        | 33          | 2.5        | 16        | 1476        | 8.5        |
| 8          | 41        | 23        | 33        | 69         | 18         | 39         | 14        | 28.9        | 33          | 2.6        | 15        | 1492        | 9.2        |
| 9          | 40        | 25        | 32        | 68         | 20         | 40         | 15        | 28.1        | 33          | 2.6        | 16        | 1507        | 8.8        |
| 10         | 40        | 25        | 33        | 68         | 20         | 40         | 15        | 28.1        | 34          | 2.5        | 16        | 1523        | 8.8        |
| 11         | 40        | 24        | 33        | 63         | 17         | 38         | 14        | 27.8        | 34          | 2.6        | 16        | 1539        | 8.8        |
| 12         | 41        | 23        | 33        | 64         | 16         | 37         | 12        | 29.2        | 34          | 2.3        | 15        | 1554        | 8.9        |
| 13         | 41        | 24        | 33        | 66         | 16         | 36         | 13        | 27.6        | 34          | 2.0        | 16        | 1570        | 8.4        |
| 14         | 42        | 24        | 33        | 64         | 15         | 35         | 13        | 28.1        | 34          | 2.5        | 16        | 1585        | 9.0        |
| 15         | 41        | 25        | 33        | 65         | 17         | 36         | 13        | 26.0        | 34          | 2.5        | 16        | 1601        | 8.4        |
| 16         | 41        | 23        | 33        | 63         | 16         | 36         | 13        | 28.1        | 33          | 2.5        | 15        | 1617        | 8.9        |
| 17         | 41        | 24        | 33        | 65         | 15         | 37         | 13        | 28.5        | 33          | 2.5        | 16        | 1632        | 9.0        |
| 18         | 41        | 24        | 33        | 63         | 17         | 36         | 13        | 27.1        | 33          | 2.4        | 15        | 1648        | 8.5        |
| 19         | 41        | 24        | 33        | 67         | 17         | 38         | 14        | 28.8        | 33          | 2.5        | 16        | 1663        | 8.9        |
| 20         | 41        | 25        | 33        | 61         | 19         | 37         | 14        | 28.0        | 34          | 2.9        | 16        | 1679        | 9.3        |
| 21         | 39        | 26        | 32        | 67         | 22         | 42         | 15        | 24.9        | 34          | 2.8        | 16        | 1695        | 8.1        |
| 22         | 41        | 24        | 32        | 72         | 19         | 41         | 15        | 28.2        | 34          | 2.3        | 16        | 1711        | 8.7        |
| 23         | 41        | 24        | 33        | 73         | 20         | 42         | 15        | 28.0        | 34          | 2.5        | 16        | 1726        | 8.7        |
| 24         | 42        | 24        | 33        | 70         | 17         | 38         | 15        | 29.0        | 34          | 2.4        | 16        | 1742        | 9.1        |
| 25         | 42        | 24        | 34        | 65         | 15         | 37         | 14        | 29.1        | 35          | 2.5        | 16        | 1758        | 9.3        |
| 26         | 42        | 25        | 34        | 63         | 16         | 36         | 14        | 27.7        | 35          | 2.3        | 16        | 1774        | 8.8        |
| 27         | 42        | 25        | 34        | 69         | 20         | 40         | 16        | 27.2        | 34          | 2.3        | 16        | 1790        | 8.5        |
| 28         | 42        | 25        | 33        | 71         | 20         | 42         | 16        | 26.9        | 34          | 2.8        | 16        | 1805        | 8.7        |
| 29         | 41        | 26        | 33        | 69         | 21         | 44         | 16        | 26.5        | 33          | 2.6        | 16        | 1820        | 8.4        |
| 30         | 41        | 25        | 33        | 68         | 20         | 43         | 16        | 26.6        | 33          | 2.5        | 16        | 1836        | 8.4        |
| 31         | <u>42</u> | <u>25</u> | <u>34</u> | <u>71</u>  | <u>17</u>  | <u>40</u>  | <u>16</u> | <u>28.3</u> | <u>34</u>   | <u>2.2</u> | <u>16</u> | <u>1852</u> | <u>8.8</u> |
| AVG        | 41        | 24        | 33        | 66         | 17         | 38         | 14        | 28.1        | 34          | 2.5        | 16        |             |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 467       |             | 266.1      |

PPT= 4.4

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER AUGUST NORMALS

| DAY | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|-----|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1   | 42        | 26        | 34        | 68         | 20         | 40         | 17        | 27.2        | 34          | 2.7        | 16        | 1869        | 8.8        |
| 2   | 42        | 27        | 34        | 71         | 21         | 44         | 18        | 27.3        | 34          | 2.7        | 17        | 1885        | 8.7        |
| 3   | 42        | 27        | 34        | 66         | 20         | 40         | 16        | 26.7        | 34          | 2.5        | 17        | 1902        | 8.7        |
| 4   | 42        | 26        | 34        | 67         | 19         | 39         | 16        | 26.9        | 35          | 2.5        | 16        | 1918        | 8.6        |
| 5   | 42        | 27        | 34        | 71         | 23         | 44         | 18        | 26.5        | 35          | 2.5        | 16        | 1935        | 8.3        |
| 6   | 42        | 27        | 34        | 68         | 21         | 42         | 17        | 26.7        | 35          | 2.7        | 17        | 1951        | 8.6        |
| 7   | 41        | 26        | 34        | 70         | 21         | 42         | 17        | 27.0        | 34          | 2.9        | 16        | 1968        | 8.8        |
| 8   | 41        | 26        | 33        | 69         | 23         | 44         | 18        | 25.3        | 34          | 2.7        | 16        | 1984        | 8.1        |
| 9   | 40        | 26        | 33        | 68         | 26         | 45         | 17        | 23.8        | 34          | 2.7        | 16        | 2000        | 7.6        |
| 10  | 40        | 26        | 33        | 74         | 27         | 47         | 18        | 25.9        | 34          | 2.4        | 16        | 2016        | 8.0        |
| 11  | 41        | 26        | 34        | 70         | 22         | 44         | 17        | 26.1        | 34          | 2.7        | 16        | 2032        | 8.4        |
| 12  | 40        | 26        | 33        | 71         | 23         | 45         | 17        | 25.8        | 34          | 2.6        | 16        | 2049        | 8.1        |
| 13  | 41        | 25        | 33        | 74         | 22         | 44         | 17        | 25.9        | 34          | 2.3        | 16        | 2064        | 7.9        |
| 14  | 41        | 25        | 33        | 72         | 23         | 45         | 17        | 26.2        | 34          | 2.7        | 16        | 2080        | 8.3        |
| 15  | 40        | 25        | 33        | 74         | 23         | 46         | 17        | 25.5        | 34          | 2.7        | 16        | 2096        | 8.0        |
| 16  | 41        | 25        | 33        | 76         | 21         | 46         | 17        | 26.3        | 34          | 2.5        | 16        | 2112        | 8.2        |
| 17  | 41        | 25        | 33        | 73         | 20         | 44         | 17        | 25.8        | 34          | 2.8        | 16        | 2128        | 8.3        |
| 18  | 41        | 25        | 33        | 72         | 20         | 44         | 17        | 25.7        | 34          | 2.5        | 16        | 2144        | 8.1        |
| 19  | 40        | 26        | 33        | 73         | 23         | 45         | 17        | 23.6        | 34          | 2.5        | 16        | 2160        | 7.5        |
| 20  | 40        | 26        | 33        | 65         | 21         | 40         | 16        | 25.3        | 34          | 2.4        | 16        | 2176        | 8.1        |
| 21  | 41        | 25        | 33        | 68         | 20         | 39         | 15        | 24.4        | 34          | 2.4        | 16        | 2192        | 7.8        |
| 22  | 41        | 25        | 33        | 71         | 23         | 43         | 17        | 24.8        | 34          | 2.3        | 16        | 2208        | 7.7        |
| 23  | 41        | 25        | 33        | 70         | 23         | 43         | 17        | 24.3        | 34          | 2.4        | 16        | 2224        | 7.6        |
| 24  | 40        | 25        | 33        | 68         | 23         | 43         | 16        | 24.4        | 33          | 2.5        | 16        | 2240        | 7.8        |
| 25  | 40        | 25        | 32        | 78         | 22         | 45         | 17        | 24.3        | 33          | 2.2        | 16        | 2256        | 7.3        |
| 26  | 40        | 24        | 32        | 74         | 24         | 46         | 17        | 24.3        | 33          | 2.2        | 16        | 2271        | 7.4        |
| 27  | 40        | 25        | 32        | 77         | 25         | 48         | 18        | 24.2        | 33          | 2.4        | 16        | 2287        | 7.4        |
| 28  | 41        | 25        | 33        | 75         | 22         | 47         | 17        | 24.5        | 34          | 2.4        | 16        | 2303        | 7.5        |
| 29  | 40        | 26        | 33        | 75         | 26         | 50         | 18        | 22.6        | 33          | 2.9        | 16        | 2319        | 7.2        |
| 30  | 41        | 26        | 33        | 76         | 20         | 48         | 17        | 24.6        | 33          | 2.6        | 16        | 2335        | 7.7        |
| 31  | <u>41</u> | <u>25</u> | <u>33</u> | <u>71</u>  | <u>19</u>  | <u>43</u>  | <u>16</u> | <u>24.6</u> | <u>34</u>   | <u>2.6</u> | <u>16</u> | <u>2351</u> | <u>7.9</u> |
| AVG | 41        | 26        | 33        | 71         | 22         | 44         | 17        | 25.4        | 34          | 2.5        | 16        |             |            |
| SUM |           |           |           |            |            |            |           |             |             |            | 483       |             | 240.3      |

PPT= 7.5

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |



**YUMA VALLEY: YUMA AGRICULTURAL CENTER  
SEPTEMBER NORMALS**

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1          | 39        | 25        | 32        | 72         | 21         | 44         | 16        | 21.1        | 33          | 2.7        | 16        | 2367        | 7.1        |
| 2          | 40        | 25        | 32        | 73         | 21         | 44         | 16        | 24.2        | 34          | 2.5        | 16        | 2383        | 7.6        |
| 3          | 40        | 25        | 32        | 71         | 23         | 44         | 17        | 23.2        | 34          | 2.6        | 16        | 2399        | 7.4        |
| 4          | 39        | 25        | 32        | 71         | 23         | 45         | 16        | 23.0        | 34          | 2.9        | 16        | 2414        | 7.3        |
| 5          | 40        | 24        | 32        | 75         | 21         | 45         | 16        | 23.4        | 34          | 2.3        | 15        | 2430        | 7.2        |
| 6          | 40        | 24        | 32        | 75         | 18         | 44         | 15        | 23.9        | 34          | 2.1        | 16        | 2445        | 7.2        |
| 7          | 41        | 24        | 32        | 67         | 18         | 38         | 14        | 23.7        | 34          | 2.0        | 15        | 2461        | 7.4        |
| 8          | 41        | 23        | 32        | 67         | 16         | 36         | 13        | 24.5        | 33          | 2.0        | 15        | 2476        | 7.7        |
| 9          | 41        | 23        | 32        | 67         | 17         | 38         | 13        | 23.1        | 33          | 2.2        | 15        | 2491        | 7.3        |
| 10         | 40        | 23        | 32        | 71         | 19         | 41         | 14        | 23.7        | 33          | 2.3        | 15        | 2507        | 7.4        |
| 11         | 41        | 24        | 32        | 72         | 16         | 41         | 14        | 23.8        | 33          | 2.2        | 15        | 2522        | 7.5        |
| 12         | 40        | 23        | 32        | 64         | 14         | 36         | 11        | 24.1        | 33          | 2.4        | 15        | 2537        | 7.7        |
| 13         | 39        | 23        | 31        | 69         | 18         | 39         | 13        | 23.5        | 32          | 2.9        | 15        | 2552        | 7.7        |
| 14         | 38        | 22        | 30        | 72         | 22         | 45         | 14        | 21.8        | 32          | 2.4        | 15        | 2567        | 6.7        |
| 15         | 39        | 22        | 30        | 74         | 21         | 46         | 14        | 22.1        | 32          | 2.2        | 15        | 2581        | 6.8        |
| 16         | 39        | 23        | 31        | 79         | 19         | 46         | 15        | 21.9        | 32          | 2.2        | 15        | 2596        | 6.6        |
| 17         | 38        | 22        | 30        | 78         | 20         | 44         | 15        | 22.1        | 32          | 2.2        | 15        | 2611        | 6.7        |
| 18         | 38        | 23        | 30        | 68         | 18         | 39         | 13        | 22.8        | 32          | 2.4        | 15        | 2626        | 7.2        |
| 19         | 38        | 22        | 30        | 68         | 19         | 41         | 12        | 22.2        | 31          | 2.5        | 14        | 2640        | 7.0        |
| 20         | 37        | 22        | 29        | 72         | 20         | 44         | 13        | 22.1        | 31          | 2.8        | 14        | 2654        | 7.0        |
| 21         | 36        | 21        | 28        | 74         | 23         | 45         | 13        | 20.8        | 31          | 2.6        | 14        | 2668        | 6.4        |
| 22         | 37        | 20        | 28        | 75         | 20         | 45         | 12        | 22.1        | 30          | 2.3        | 14        | 2682        | 6.5        |
| 23         | 37        | 20        | 28        | 75         | 20         | 44         | 12        | 22.1        | 30          | 2.0        | 13        | 2695        | 6.4        |
| 24         | 37        | 21        | 29        | 79         | 22         | 48         | 14        | 19.8        | 30          | 2.0        | 14        | 2709        | 5.8        |
| 25         | 36        | 21        | 28        | 75         | 26         | 49         | 12        | 19.4        | 30          | 2.5        | 14        | 2723        | 5.7        |
| 26         | 37        | 21        | 29        | 75         | 20         | 44         | 12        | 21.4        | 30          | 2.2        | 14        | 2737        | 6.5        |
| 27         | 38        | 20        | 29        | 72         | 17         | 40         | 12        | 22.0        | 30          | 2.3        | 14        | 2751        | 7.0        |
| 28         | 38        | 20        | 29        | 72         | 14         | 36         | 10        | 21.9        | 30          | 2.5        | 14        | 2764        | 7.2        |
| 29         | 38        | 20        | 29        | 70         | 15         | 38         | 10        | 21.3        | 30          | 2.4        | 14        | 2778        | 6.8        |
| 30         | <u>38</u> | <u>20</u> | <u>28</u> | <u>67</u>  | <u>13</u>  | <u>37</u>  | <u>9</u>  | <u>20.7</u> | <u>30</u>   | <u>2.2</u> | <u>14</u> | <u>2792</u> | <u>6.5</u> |
| AVG        | 39        | 22        | 30        | 72         | 19         | 42         | 13        | 22.4        | 32          | 2.4        | 15        |             |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 441       |             | 209.6      |

PPT= 13.6

|   |   |
|---|---|
| <b>TX:</b> Maximum Air Temp., Deg. C        | <b>SR:</b> Solar Radiation, MJ/m <sup>2</sup> /Dy |
| <b>TN:</b> Minimum Air Temp., Deg. C        | <b>PPT:</b> Precipitation, mm                     |
| <b>TM:</b> Mean Air Temp., Deg. C           | <b>WS:</b> Mean Wind Speed, MPH                   |
| <b>RHX:</b> Maximum Relative Humidity, %    | <b>HU:</b> Heat Units (30C/12.8C)/Day             |
| <b>RHN:</b> Minimum Relative Humidity, %    | <b>CHU:</b> HU Accumulation Since 1 Jan.          |
| <b>RHM:</b> Mean Relative Humidity, %       | <b>ETo:</b> Ref. Evapotranspiration, mm.          |
| <b>TD:</b> Mean Dew Point Temp., Deg. C     | <b>AVG:</b> Average for Month                     |
| <b>ST10:</b> Mean Soil Temp., 10 cm, Deg. C | <b>SUM:</b> Total for Month                       |
| For Years 1987-2001                         |   |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER OCTOBER NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1          | 37        | 19        | 28        | 75         | 16         | 42         | 11        | 20.3        | 30          | 1.7        | 13        | 2805        | 5.9        |
| 2          | 37        | 19        | 28        | 83         | 18         | 46         | 12        | 20.9        | 30          | 1.9        | 13        | 2818        | 6.0        |
| 3          | 37        | 19        | 28        | 76         | 18         | 44         | 11        | 20.9        | 30          | 2.4        | 13        | 2832        | 6.4        |
| 4          | 36        | 19        | 27        | 78         | 19         | 44         | 12        | 20.1        | 29          | 2.6        | 13        | 2845        | 6.3        |
| 5          | 35        | 19        | 27        | 77         | 18         | 44         | 11        | 20.6        | 29          | 2.4        | 13        | 2857        | 6.3        |
| 6          | 35        | 18        | 27        | 78         | 17         | 43         | 10        | 19.7        | 29          | 2.7        | 13        | 2870        | 6.2        |
| 7          | 34        | 17        | 26        | 72         | 15         | 37         | 8         | 20.0        | 28          | 2.7        | 12        | 2882        | 6.4        |
| 8          | 34        | 17        | 26        | 70         | 16         | 37         | 8         | 20.4        | 28          | 2.5        | 12        | 2893        | 6.5        |
| 9          | 35        | 17        | 26        | 73         | 15         | 40         | 8         | 19.8        | 28          | 2.2        | 12        | 2905        | 6.0        |
| 10         | 35        | 16        | 25        | 78         | 14         | 41         | 8         | 19.6        | 27          | 2.2        | 11        | 2916        | 5.7        |
| 11         | 33        | 16        | 24        | 73         | 19         | 42         | 8         | 18.4        | 27          | 2.3        | 11        | 2927        | 5.3        |
| 12         | 34        | 16        | 25        | 77         | 16         | 41         | 8         | 19.0        | 27          | 2.5        | 11        | 2938        | 5.9        |
| 13         | 34        | 16        | 25        | 75         | 15         | 40         | 8         | 19.4        | 27          | 2.7        | 11        | 2949        | 6.1        |
| 14         | 34        | 16        | 25        | 73         | 14         | 39         | 7         | 18.8        | 26          | 2.8        | 11        | 2960        | 6.1        |
| 15         | 33        | 16        | 24        | 77         | 19         | 44         | 9         | 18.4        | 26          | 2.7        | 11        | 2971        | 5.6        |
| 16         | 32        | 15        | 24        | 83         | 18         | 48         | 9         | 17.7        | 26          | 2.4        | 10        | 2981        | 5.2        |
| 17         | 32        | 15        | 23        | 81         | 19         | 46         | 8         | 18.3        | 26          | 2.4        | 10        | 2992        | 5.3        |
| 18         | 32        | 15        | 23        | 77         | 18         | 45         | 8         | 17.6        | 26          | 2.0        | 11        | 3002        | 5.0        |
| 19         | 32        | 15        | 23        | 85         | 19         | 50         | 9         | 17.2        | 26          | 2.0        | 10        | 3012        | 4.7        |
| 20         | 32        | 15        | 23        | 79         | 17         | 47         | 7         | 18.0        | 26          | 2.0        | 10        | 3023        | 5.0        |
| 21         | 31        | 15        | 22        | 79         | 22         | 48         | 8         | 16.2        | 25          | 2.4        | 10        | 3032        | 4.7        |
| 22         | 30        | 15        | 22        | 81         | 27         | 52         | 9         | 15.5        | 25          | 2.4        | 10        | 3042        | 4.4        |
| 23         | 31        | 15        | 22        | 84         | 23         | 52         | 9         | 16.0        | 25          | 2.0        | 10        | 3052        | 4.3        |
| 24         | 30        | 14        | 22        | 83         | 21         | 51         | 8         | 16.3        | 25          | 2.0        | 9         | 3061        | 4.3        |
| 25         | 30        | 15        | 22        | 77         | 21         | 46         | 7         | 16.7        | 25          | 2.6        | 9         | 3070        | 4.8        |
| 26         | 30        | 13        | 21        | 82         | 18         | 45         | 6         | 16.9        | 24          | 2.3        | 8         | 3079        | 4.8        |
| 27         | 30        | 13        | 21        | 83         | 19         | 49         | 7         | 15.4        | 24          | 1.9        | 9         | 3087        | 4.1        |
| 28         | 29        | 13        | 21        | 86         | 23         | 53         | 8         | 15.6        | 24          | 1.9        | 8         | 3096        | 3.9        |
| 29         | 29        | 13        | 20        | 83         | 25         | 52         | 8         | 15.5        | 24          | 2.3        | 8         | 3104        | 4.2        |
| 30         | 29        | 13        | 21        | 80         | 23         | 49         | 7         | 15.5        | 23          | 2.6        | 8         | 3112        | 4.4        |
| <u>31</u>  | <u>29</u> | <u>14</u> | <u>21</u> | <u>79</u>  | <u>24</u>  | <u>47</u>  | <u>7</u>  | <u>15.0</u> | <u>23</u>   | <u>2.4</u> | <u>8</u>  | <u>3120</u> | <u>4.3</u> |
| AVG        | 33        | 16        | 24        | 79         | 19         | 45         | 8         | 18.1        | 26          | 2.3        | 11        |             |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 329       |             | 163.8      |

PPT= 4.0

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER NOVEMBER NORMALS

| DAY | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|-----|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1   | 28        | 12        | 20        | 81         | 22         | 47         | 6         | 15.2        | 22          | 2.3        | 8         | 3128        | 4.4        |
| 2   | 28        | 12        | 20        | 74         | 21         | 42         | 5         | 15.3        | 22          | 3.0        | 7         | 3135        | 4.9        |
| 3   | 28        | 12        | 19        | 76         | 20         | 41         | 5         | 15.3        | 21          | 2.8        | 7         | 3142        | 4.7        |
| 4   | 28        | 11        | 19        | 78         | 20         | 46         | 5         | 14.6        | 21          | 1.9        | 7         | 3149        | 3.8        |
| 5   | 28        | 10        | 18        | 86         | 20         | 53         | 5         | 14.5        | 21          | 1.8        | 7         | 3156        | 3.5        |
| 6   | 27        | 11        | 19        | 82         | 20         | 49         | 5         | 14.9        | 21          | 2.3        | 7         | 3163        | 4.0        |
| 7   | 27        | 11        | 18        | 78         | 23         | 51         | 5         | 14.7        | 21          | 2.4        | 6         | 3169        | 3.9        |
| 8   | 27        | 11        | 19        | 83         | 24         | 49         | 6         | 15.1        | 21          | 2.5        | 7         | 3176        | 4.1        |
| 9   | 27        | 10        | 19        | 78         | 24         | 48         | 5         | 14.7        | 21          | 2.5        | 7         | 3183        | 4.1        |
| 10  | 26        | 11        | 19        | 77         | 23         | 48         | 5         | 13.2        | 20          | 2.3        | 6         | 3189        | 3.6        |
| 11  | 25        | 11        | 18        | 79         | 26         | 50         | 5         | 13.3        | 20          | 2.5        | 6         | 3195        | 3.6        |
| 12  | 25        | 11        | 17        | 81         | 26         | 52         | 5         | 12.3        | 20          | 2.3        | 6         | 3201        | 3.2        |
| 13  | 26        | 10        | 18        | 79         | 24         | 49         | 5         | 13.7        | 20          | 2.3        | 6         | 3207        | 3.6        |
| 14  | 25        | 9         | 17        | 85         | 25         | 53         | 5         | 12.9        | 20          | 2.5        | 5         | 3212        | 3.4        |
| 15  | 25        | 9         | 16        | 84         | 22         | 50         | 3         | 13.7        | 19          | 2.2        | 5         | 3217        | 3.5        |
| 16  | 25        | 8         | 16        | 86         | 21         | 52         | 3         | 13.7        | 19          | 1.7        | 5         | 3222        | 3.2        |
| 17  | 25        | 8         | 16        | 83         | 23         | 53         | 4         | 13.0        | 19          | 2.0        | 5         | 3227        | 3.1        |
| 18  | 24        | 9         | 16        | 84         | 23         | 53         | 4         | 13.5        | 18          | 2.2        | 5         | 3232        | 3.3        |
| 19  | 24        | 8         | 16        | 75         | 21         | 47         | 2         | 12.9        | 18          | 2.6        | 5         | 3237        | 3.7        |
| 20  | 24        | 8         | 16        | 81         | 21         | 46         | 3         | 12.6        | 18          | 2.5        | 5         | 3242        | 3.5        |
| 21  | 24        | 8         | 16        | 82         | 23         | 49         | 3         | 12.3        | 18          | 2.0        | 5         | 3246        | 3.1        |
| 22  | 24        | 8         | 16        | 78         | 23         | 50         | 3         | 12.0        | 18          | 2.6        | 5         | 3251        | 3.3        |
| 23  | 25        | 8         | 16        | 79         | 19         | 47         | 2         | 12.9        | 18          | 2.4        | 5         | 3255        | 3.5        |
| 24  | 24        | 7         | 15        | 80         | 22         | 50         | 2         | 12.0        | 17          | 2.1        | 4         | 3260        | 3.1        |
| 25  | 23        | 8         | 15        | 78         | 23         | 49         | 2         | 12.0        | 17          | 2.5        | 4         | 3264        | 3.2        |
| 26  | 22        | 9         | 15        | 77         | 27         | 50         | 3         | 11.1        | 17          | 3.2        | 4         | 3268        | 3.2        |
| 27  | 20        | 7         | 14        | 68         | 22         | 41         | -1        | 12.6        | 16          | 3.4        | 3         | 3270        | 3.8        |
| 28  | 22        | 6         | 13        | 73         | 20         | 43         | -1        | 12.5        | 16          | 2.7        | 3         | 3274        | 3.4        |
| 29  | 21        | 7         | 14        | 72         | 22         | 46         | 0         | 12.1        | 16          | 2.9        | 3         | 3277        | 3.4        |
| 30  | <u>22</u> | <u>6</u>  | <u>14</u> | <u>75</u>  | <u>24</u>  | <u>48</u>  | <u>1</u>  | <u>11.7</u> | <u>16</u>   | <u>2.7</u> | <u>3</u>  | <u>3280</u> | <u>3.2</u> |
| AVG | 25        | 9         | 17        | 79         | 23         | 49         | 3         | 13.3        | 19          | 2.4        | 5         |             |            |
| SUM |           |           |           |            |            |            |           |             |             |            | 159       |             | 108.4      |

PPT= 2.2

|   |   |
|---|---|
| <b>TX:</b> Maximum Air Temp., Deg. C        | <b>SR:</b> Solar Radiation, MJ/m <sup>2</sup> /Dy |
| <b>TN:</b> Minimum Air Temp., Deg. C        | <b>PPT:</b> Precipitation, mm                     |
| <b>TM:</b> Mean Air Temp., Deg. C           | <b>WS:</b> Mean Wind Speed, MPH                   |
| <b>RHX:</b> Maximum Relative Humidity, %    | <b>HU:</b> Heat Units (30C/12.8C)/Day             |
| <b>RHN:</b> Minimum Relative Humidity, %    | <b>CHU:</b> HU Accumulation Since 1 Jan.          |
| <b>RHM:</b> Mean Relative Humidity, %       | <b>ETo:</b> Ref. Evapotranspiration, mm.          |
| <b>TD:</b> Mean Dew Point Temp., Deg. C     | <b>AVG:</b> Average for Month                     |
| <b>ST10:</b> Mean Soil Temp., 10 cm, Deg. C | <b>SUM:</b> Total for Month                       |
| For Years 1987-2001                         |   |

## YUMA VALLEY: YUMA AGRICULTURAL CENTER DECEMBER NORMALS

| <u>DAY</u> | <u>TX</u> | <u>TN</u> | <u>TM</u> | <u>RHX</u> | <u>RHN</u> | <u>RHM</u> | <u>TD</u> | <u>SR</u>   | <u>ST10</u> | <u>WS</u>  | <u>HU</u> | <u>CHU</u>  | <u>ETo</u> |
|------------|-----------|-----------|-----------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|-------------|------------|
| 1          | 22        | 5         | 14        | 82         | 23         | 51         | 1         | 12.3        | 16          | 2.1        | 3         | 3283        | 2.9        |
| 2          | 22        | 6         | 14        | 79         | 24         | 51         | 1         | 12.0        | 16          | 2.2        | 3         | 3286        | 2.9        |
| 3          | 22        | 6         | 14        | 76         | 26         | 51         | 1         | 11.5        | 16          | 2.6        | 3         | 3290        | 3.1        |
| 4          | 21        | 6         | 14        | 78         | 29         | 50         | 2         | 10.9        | 16          | 2.6        | 3         | 3293        | 2.8        |
| 5          | 21        | 6         | 13        | 81         | 30         | 56         | 2         | 11.0        | 16          | 2.1        | 3         | 3295        | 2.5        |
| 6          | 20        | 6         | 13        | 85         | 36         | 62         | 3         | 9.7         | 15          | 2.2        | 3         | 3298        | 2.2        |
| 7          | 21        | 7         | 14        | 82         | 33         | 58         | 3         | 11.7        | 15          | 2.5        | 3         | 3301        | 2.9        |
| 8          | 21        | 7         | 14        | 79         | 27         | 49         | 2         | 11.7        | 15          | 3.3        | 3         | 3304        | 3.4        |
| 9          | 21        | 5         | 13        | 81         | 27         | 52         | 1         | 12.0        | 15          | 2.6        | 3         | 3307        | 2.9        |
| 10         | 20        | 7         | 13        | 73         | 28         | 49         | 1         | 11.6        | 15          | 3.1        | 3         | 3309        | 3.1        |
| 11         | 20        | 6         | 13        | 71         | 28         | 50         | 0         | 11.6        | 15          | 3.2        | 2         | 3312        | 3.2        |
| 12         | 20        | 5         | 12        | 77         | 25         | 49         | 0         | 11.2        | 14          | 2.8        | 2         | 3314        | 2.9        |
| 13         | 20        | 4         | 12        | 78         | 25         | 50         | -1        | 11.9        | 14          | 2.4        | 2         | 3317        | 2.9        |
| 14         | 19        | 5         | 12        | 81         | 23         | 49         | 0         | 11.7        | 14          | 2.7        | 2         | 3319        | 2.9        |
| 15         | 19        | 3         | 11        | 82         | 26         | 52         | -1        | 11.2        | 14          | 2.4        | 2         | 3320        | 2.6        |
| 16         | 19        | 4         | 12        | 85         | 23         | 49         | -1        | 11.4        | 14          | 2.7        | 2         | 3322        | 3.0        |
| 17         | 20        | 4         | 12        | 82         | 24         | 51         | -1        | 11.2        | 13          | 2.7        | 2         | 3325        | 2.9        |
| 18         | 19        | 4         | 11        | 80         | 34         | 58         | 1         | 11.4        | 14          | 2.6        | 2         | 3327        | 2.6        |
| 19         | 19        | 4         | 12        | 81         | 30         | 53         | 0         | 11.0        | 13          | 2.7        | 2         | 3329        | 2.8        |
| 20         | 19        | 4         | 11        | 82         | 27         | 51         | 0         | 12.0        | 14          | 2.6        | 2         | 3331        | 2.9        |
| 21         | 18        | 4         | 11        | 82         | 30         | 53         | 0         | 10.7        | 13          | 2.7        | 2         | 3332        | 2.5        |
| 22         | 17        | 4         | 10        | 82         | 27         | 53         | -1        | 10.5        | 13          | 3.0        | 2         | 3334        | 2.5        |
| 23         | 17        | 4         | 10        | 78         | 27         | 51         | -2        | 11.3        | 13          | 3.0        | 2         | 3335        | 2.9        |
| 24         | 18        | 4         | 11        | 71         | 25         | 46         | -2        | 11.7        | 13          | 3.1        | 2         | 3337        | 3.2        |
| 25         | 17        | 3         | 11        | 75         | 25         | 41         | -3        | 11.1        | 12          | 3.2        | 1         | 3338        | 3.2        |
| 26         | 18        | 3         | 10        | 74         | 26         | 45         | -2        | 11.1        | 12          | 2.7        | 1         | 3340        | 2.8        |
| 27         | 18        | 4         | 11        | 78         | 27         | 49         | -1        | 10.8        | 12          | 2.2        | 2         | 3341        | 2.5        |
| 28         | 19        | 4         | 11        | 87         | 34         | 58         | 1         | 10.2        | 12          | 2.1        | 2         | 3343        | 2.1        |
| 29         | 19        | 5         | 12        | 85         | 31         | 58         | 2         | 10.5        | 13          | 2.1        | 2         | 3345        | 2.3        |
| 30         | 20        | 5         | 12        | 82         | 27         | 54         | 1         | 11.6        | 13          | 2.5        | 2         | 3348        | 2.8        |
| <u>31</u>  | <u>20</u> | <u>5</u>  | <u>12</u> | <u>80</u>  | <u>30</u>  | <u>56</u>  | <u>1</u>  | <u>11.3</u> | <u>13</u>   | <u>2.1</u> | <u>2</u>  | <u>3350</u> | <u>2.4</u> |
| AVG        | 20        | 5         | 12        | 80         | 28         | 52         | 0         | 11.3        | 14          | 2.6        | 2         |             |            |
| SUM        |           |           |           |            |            |            |           |             |             |            | 70        |             | 86.6       |

PPT= 12.3

|                                      |  |
|--------------------------------------|--|
| TX: Maximum Air Temp., Deg. C        | SR: Solar Radiation, MJ/m <sup>2</sup> /Dy |
| TN: Minimum Air Temp., Deg. C        | PPT: Precipitation, mm                     |
| TM: Mean Air Temp., Deg. C           | WS: Mean Wind Speed, MPH                   |
| RHX: Maximum Relative Humidity, %    | HU: Heat Units (30C/12.8C)/Day             |
| RHN: Minimum Relative Humidity, %    | CHU: HU Accumulation Since 1 Jan.          |
| RHM: Mean Relative Humidity, %       | ETo: Ref. Evapotranspiration, mm.          |
| TD: Mean Dew Point Temp., Deg. C     | AVG: Average for Month                     |
| ST10: Mean Soil Temp., 10 cm, Deg. C | SUM: Total for Month                       |
| For Years 1987-2001                  |  |