

**PATUXENT RIVER NAVAL AIR STATION (NHK) - LEXINGTON PARK, MARYLAND**

AWOS Station Elevation: 39 feet/12 meters

Period of Record: 2001-Present

**AVERAGE MAXIMUM TEMPERATURE (°F)**

| Year    | Jan         | Feb         | Mar         | Apr         | May         | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         | Annual      | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|------------------|------------------|------------------|
| 2001    | 42.3        | 48.3        | 50.6        | 64.7        | 71.5        | 82.0        | <b>82.3</b> | 85.5        | 76.0        | 68.7        | 63.0        | 53.5        | 65.7        |                  | 62.3             | 83.3             | 69.2             |
| 2002    | 49.1        | 50.6        | 55.4        | 67.0        | 73.1        | 84.2        | 88.3        | 86.2        | 78.8        | 65.9        | 55.8        | 44.7        | 66.6        | 51.1             | 65.2             | 86.2             | 66.8             |
| 2003    | <b>37.6</b> | 40.5        | 54.6        | <b>62.6</b> | <b>67.7</b> | <b>79.4</b> | 84.7        | 84.4        | 77.5        | 66.1        | 61.2        | 46.9        | <b>63.6</b> | <b>40.9</b>      | 61.6             | 82.8             | 68.3             |
| 2004    | 39.0        | 45.9        | 55.4        | 63.9        | 78.6        | 79.6        | 84.1        | 81.4        | 77.5        | <b>65.5</b> | 57.8        |             |             | 43.9             | 66.0             | <b>81.7</b>      | 66.9             |
| 2005    | 43.2        | 45.8        | <b>49.0</b> | 65.4        | 68.5        | 81.5        | 86.5        | 86.1        | 81.9        | 67.7        | 61.1        | 44.8        | 65.1        |                  | <b>61.0</b>      | 84.7             | 70.2             |
| 2006    |             | 47.4        | 56.3        |             | 74.0        | 80.7        | 87.6        | 88.2        | <b>75.7</b> |             |             | 58.6        | 54.2        |                  |                  |                  | 85.5             |
| 2007    | 48.8        | 38.9        | 57.4        | <b>62.6</b> | 75.1        | 83.6        | 86.3        | 86.8        | 81.7        | <b>75.7</b> | 57.5        | 48.6        | 66.9        | 47.3             | 65.0             | 85.6             | 71.6             |
| 2008    |             | 50.1        | 58.5        | 65.3        | 73.9        | 85.7        | 86.0        | 83.3        | 79.5        | 68.3        | 55.1        | 52.0        |             |                  | 65.9             | 85.0             | 67.6             |
| 2009    | 40.2        | 49.9        | 53.1        | 66.4        | 74.0        | 81.2        | 84.7        | 85.7        | 76.3        | 67.3        | 59.0        | 45.9        | 65.3        | 47.4             | 64.5             | 83.9             | 67.5             |
| 2010    | 42.6        | 39.9        | 57.8        | 69.4        | 78.1        | <b>88.5</b> | 91.7        | 87.0        | 83.5        | 69.1        | 58.6        | <b>40.3</b> | 67.2        | 42.8             | 68.4             | <b>89.1</b>      | 70.4             |
| 2011    | 39.2        | 51.6        | 53.5        | 68.6        | 77.0        | 85.7        | 90.0        | 86.1        | 78.8        | 67.7        | 62.0        | 54.7        | 67.9        | 43.7             | 66.4             | 87.3             | 69.5             |
| 2012    | 50.9        | 51.8        | <b>63.8</b> | 67.2        | 77.9        | 84.2        | <b>92.1</b> | 86.2        | 79.1        | 69.1        | <b>53.3</b> | 53.6        | 69.1        | 52.5             | 69.6             | 87.5             | 67.2             |
| 2013    | 47.4        | 45.0        | 49.9        | 65.5        | 74.8        | 84.6        | 87.1        | 81.4        | 77.9        | 68.6        | 55.3        | 50.3        | 65.6        | 48.7             | 63.4             | 84.4             | 67.3             |
| 2014    | 41.1        | 43.5        | 50.0        | 63.6        | 74.9        | 82.7        | 84.4        | <b>81.2</b> | 78.3        | 70.2        | 54.5        | 48.8        | 64.4        | 45.0             | 62.8             | 82.8             | 67.7             |
| 2015    | 41.1        | <b>36.5</b> | 50.8        | 65.5        | 77.6        | 83.4        | 84.7        | 84.0        | 81.8        | 67.1        | 62.2        | <b>59.3</b> | 66.2        | 42.1             | 64.6             | 84.0             | 70.4             |
| 2016    | 44.0        | 48.0        | 61.1        | 65.3        | 69.4        | 83.0        | 89.7        | 88.5        | 80.5        | 70.6        | 60.8        | 49.0        | 67.5        | 50.4             | 65.3             | 87.1             | 70.6             |
| 2017    | 47.5        | 55.2        | 54.6        | 70.4        | 71.8        | 84.0        | 87.7        | 82.5        | 79.1        | 72.8        | 58.5        | 45.8        | 67.5        | 50.6             | 65.6             | 84.7             | 70.1             |
| 2018    | 42.6        | 53.4        | 49.1        | 65.2        | <b>82.0</b> | 85.6        | 87.1        | 88.8        | <b>84.3</b> | 72.5        | 54.5        | 56.9        | 68.5        | 47.3             | 65.4             | 87.2             | 70.4             |
| 2019    | 49.3        | 48.4        | 53.2        | 69.6        | 79.5        | 84.6        | 90.2        | 87.3        | 83.6        | 71.9        | 54.4        | 49.3        | 68.5        | 51.5             | 67.4             | 87.4             | 70.0             |
| 2020    | 50.3        | 52.4        | 60.8        | 64.9        | 71.2        | 84.0        | 90.8        | 85.3        | 77.8        | 72.9        | <b>65.8</b> | 50.0        | 68.9        | 50.7             | 65.6             | 86.7             | 72.2             |
| 2021    | 45.5        | 44.0        | 59.9        | 67.6        | 75.6        | 84.1        | 87.2        | 87.7        | 82.3        | 75.5        | 58.7        | 56.9        | 68.8        | 46.5             | 67.7             | 86.3             | 72.2             |
| 2022    | 44.3        | 53.1        | 60.3        | 66.1        | 75.8        | 84.4        | 88.8        | <b>89.1</b> | 83.0        | 67.8        | 62.5        | 50.1        | 68.8        | 51.4             | 67.4             | 87.4             | 71.1             |
| 2023    | <b>55.0</b> | <b>56.6</b> | 59.1        | <b>71.5</b> | 73.8        | 82.1        | 90.4        | 87.3        | 82.4        | 74.1        | 60.3        | 54.9        | <b>70.7</b> | <b>53.9</b>      | 68.1             | 86.6             | 72.3             |
| 2024    | 50.2        | 52.2        | 60.9        | 68.9        | 77.2        | 88.3        | 89.8        | 88.8        | 81.5        | 74.2        | 64.0        | 50.6        | 70.6        | 52.4             | 69.0             | 89.0             | <b>73.2</b>      |
| 2025    | 41.4        | 49.5        | 63.1        | 70.9        | 77.2        | 88.3        | 90.2        | 81.3        | 78.4        | 68.2        | 58.9        | 45.5        | 67.7        | 47.2             | <b>70.4</b>      | 86.6             | 68.5             |
| Average | 44.9        | 47.9        | 55.9        | 66.6        | 74.8        | 83.8        | 87.7        | 85.6        | 79.9        | 69.9        | 58.9        | 50.3        | 67.3        | 48.0             | 65.8             | 85.7             | 69.6             |
| Maximum | 55.0        | 56.6        | 63.8        | 71.5        | 82.0        | 88.5        | 92.1        | 89.1        | 84.3        | 75.7        | 65.8        | 59.3        | 70.7        | 53.9             | 70.4             | 89.1             | 73.2             |
| Minimum | 37.6        | 36.5        | 49.0        | 62.6        | 67.7        | 79.4        | 82.3        | 81.2        | 75.7        | 65.5        | 53.3        | 40.3        | 63.6        | 40.9             | 61.0             | 81.7             | 66.8             |

**AVERAGE MINIMUM TEMPERATURE (°F)**

| Year    | Jan         | Feb         | Mar         | Apr         | May         | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         | Annual      | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|------------------|------------------|------------------|
| 2001    | 26.8        | 30.6        | 34.6        | 45.0        | 55.7        | 65.7        | <b>65.4</b> | 70.4        | 59.3        | <b>47.9</b> | 42.5        | 37.0        | 48.4        |                  | 45.1             | 67.2             | 49.9             |
| 2002    | 33.5        | 30.9        | 37.2        | 48.4        | 54.1        | 64.7        | 69.8        | 70.9        | 64.1        | 53.1        | 38.8        | 29.2        | 49.6        | 33.8             | 46.6             | 68.5             | 52.0             |
| 2003    | 24.2        | 26.5        | 36.9        | 46.0        | 54.2        | 64.9        | 70.8        | 63.3        | 48.3        | 43.2        | 30.5        |             | 48.3        | 26.6             | 45.7             | 68.8             | 51.6             |
| 2004    | 24.0        | 29.9        | 38.0        | 46.9        | 62.6        | 64.4        | 69.9        | 67.6        | 63.4        | 50.1        | 42.6        |             |             | 28.1             | 49.2             | 67.3             | 52.0             |
| 2005    | 30.0        | 29.9        | 34.5        | 46.3        | <b>51.5</b> | 66.4        | 71.6        | 71.8        | 62.9        | 53.1        | 43.2        | 29.2        | 49.2        |                  | 44.1             | 69.9             | 53.1             |
| 2006    |             | 29.6        | 37.3        |             | 54.9        | 65.4        | 70.8        | 70.5        | 59.8        |             | 43.0        | 34.9        |             |                  |                  | 68.9             |                  |
| 2007    | 32.1        | 22.9        | 35.5        | <b>43.5</b> | 56.0        | 66.2        | 67.9        | 69.6        | 61.7        | 57.5        | 40.3        | 34.4        | 49.0        | 30.0             | 45.0             | 67.9             | 53.2             |
| 2008    |             | 31.5        | 38.3        | 47.9        | 52.6        | 66.4        | 68.8        | 66.0        | 63.0        | 48.4        | 39.2        | 34.1        |             |                  | 46.3             | 67.1             | 50.2             |
| 2009    | 24.9        | 29.8        | 35.4        | 46.8        | 57.4        | 66.8        | 68.2        | 70.2        | 61.3        | 50.5        | 44.8        | 31.6        | 49.0        | 29.6             | 46.5             | 68.4             | 52.2             |
| 2010    | 27.2        | 26.5        | 40.1        | 49.1        | 59.1        | 69.7        | 71.9        | 70.8        | 64.3        | 50.7        | 40.0        | <b>25.6</b> | 49.6        | 28.4             | 49.4             | 70.8             | 51.7             |
| 2011    | 25.1        | 30.5        | 37.3        | 48.3        | 59.3        | 67.9        | 72.5        | 68.0        | 64.7        | 49.4        | 42.8        | 35.0        | 50.1        | 27.1             | 48.3             | 69.5             | 52.3             |
| 2012    | 31.6        | 33.0        | <b>45.5</b> | 46.3        | 61.0        | 64.6        | 73.7        | 70.7        | 60.9        | 53.0        | 37.9        | 36.9        | 51.3        | 33.2             | 50.9             | 69.7             | 50.6             |
| 2013    | 31.2        | 30.9        | 33.2        | 47.2        | 56.6        | 66.5        | 71.4        | 65.6        | <b>57.8</b> | 51.2        | 37.8        | 31.7        | 48.4        | 33.0             | 45.7             | 67.8             | <b>48.9</b>      |
| 2014    | <b>20.5</b> | 27.6        | <b>30.7</b> | 43.9        | 56.5        | 65.0        | 67.8        | <b>64.7</b> | 62.5        | 51.4        | <b>36.2</b> | 34.5        | <b>46.8</b> | 26.6             | <b>43.7</b>      | <b>65.8</b>      | 50.0             |
| 2015    | 25.7        | <b>18.3</b> | 31.5        | 44.8        | 60.1        | 67.9        | 70.0        | 65.3        | 63.6        | 49.7        | 42.6        | <b>43.5</b> | 48.6        | <b>26.2</b>      | 45.5             | 67.7             | 52.0             |
| 2016    | 27.0        | 31.8        | 41.5        | 45.1        | 55.2        | 65.7        | 72.3        | 71.3        | 66.3        | 53.3        | 39.5        | 31.9        | 50.1        | 34.1             | 47.3             | 69.8             | 53.0             |
| 2017    | 33.3        | 34.9        | 36.4        | <b>52.9</b> | 56.2        | 65.1        | 72.1        | 67.1        | 61.9        | 53.5        | 40.0        | 28.8        | 50.2        | 33.4             | 48.5             | 68.1             | 51.8             |
| 2018    | 23.9        | 35.8        | 33.4        | 46.1        | <b>64.8</b> | 69.9        | 70.6        | 72.5        | <b>70.5</b> | 53.5        | 37.9        | 36.7        | 51.3        | 29.5             | 48.1             | 71.0             | 54.0             |
| 2019    | 29.0        | 33.1        | 35.5        | 50.0        | 61.5        | 67.4        | 72.8        | 70.0        | 65.8        | 56.9        | 38.2        | 32.7        | 51.0        | 32.9             | 49.0             | 70.1             | 53.6             |
| 2020    | 33.9        | 35.0        | 43.3        | 45.8        | 54.0        | 68.4        | 74.7        | 71.8        | 63.2        | <b>56.4</b> | <b>47.5</b> | 37.5        | 52.6        | 33.9             | 47.7             | 71.6             | <b>56.7</b>      |
| 2021    | 32.9        | 32.2        | 40.0        | 47.2        | 55.3        | 68.2        | 71.8        | <b>72.6</b> | 64.8        | <b>59.1</b> | 39.4        | 38.9        | 51.9        | 34.2             | 47.5             | 70.9             | 54.4             |
| 2022    | 27.8        | 33.0        | 40.3        | 46.7        | 60.5        | 67.5        | 73.3        | 71.7        | 63.4        | 49.7        | 44.3        | 31.2        | 50.8        | 33.2             | 49.2             | 70.8             | 52.5             |
| 2023    | <b>38.0</b> | <b>37.3</b> | 40.1        | 51.2        | 56.7        | <b>64.3</b> | 73.8        | 71.3        | 65.6        | 53.3        | 40.4        | 37.6        | 52.5        | <b>35.5</b>      | 49.3             | 69.8             | 53.1             |
| 2024    | 33.4        | 35.1        | 43.1        | 52.3        | 62.7        | 70.0        | <b>75.4</b> | 70.2        | 67.0        | 52.9        | 46.3        | 34.3        | <b>53.6</b> | 35.4             | <b>52.7</b>      | <b>71.9</b>      | 55.4             |
| 2025    | 25.7        | 33.1        | 42.5        | 51.9        | 61.2        | <b>72.6</b> | 74.8        | 65.4        | 63.3        | 51.2        | 39.7        | 28.2        | 50.8        | 31.0             | 51.9             | 70.9             | 51.4             |
| Average | 28.8        | 30.8        | 37.7        | 47.5        | 57.6        | 66.9        | 71.3        | 69.5        | 63.4        | 52.3        | 41.1        | 33.6        | 50.1        | 31.2             | 47.6             | 69.2             | 52.3             |
| Maximum | 38.0        | 37.3        | 45.5        | 52.9        | 64.8        | 72.6        | 75.4        | 72.6        | 70.5        | 59.1        | 47.5        | 43.5        | 53.6        | 35.5             | 52.7             | 71.9             | 55.7             |
| Minimum | 20.5        | 18.3        | 30.7        | 43.5        | 51.5        | 64.3        | 65.4        | 64.7        | 57.8        | 47.9        | 36.2        | 25.6        | 46.8        | 26.2             | 43.7             | 65.8             | 48.9             |

**AVERAGE MEAN TEMPERATURE (°F)**

| Year | Jan         | Feb  | Mar         | Apr         | May         | Jun         | Jul         | Aug  | Sep         | Oct         | Nov  | Dec         | Annual | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|------|-------------|-------------|------|-------------|--------|------------------|------------------|------------------|------------------|
| 2001 | 34.6        | 39.5 | 42.6        | 54.9        | 63.6        | 73.9        | <b>73.8</b> | 78.0 | <b>67.7</b> | 58.3        | 52.8 | 45.3        | 57.1   |                  | 53.7             | 75.2             | 59.6             |
| 2002 | 41.3        | 40.8 | 45.8        | 57.4        | 63.6        | 74.5        | 79.0        | 78.5 | 71.5        | 59.6        | 47.3 | 36.9        | 58.0   | 42.5             | 55.6             | 77.3             | 59.5             |
| 2003 | <b>30.2</b> | 33.5 | 45.7        | 54.3        | 60.9        | 72.1        | 77.8        | 77.6 | 70.4        | <b>57.2</b> | 52.2 | 38.7        | 55.9   | <b>33.5</b>      | 53.6             | 75.8             | 59.9             |
| 2004 | 31.5        | 37.9 | 46.7        | 55.4        | 70.6        | <b>72.0</b> | 77.0        | 74.5 | 70.4        | 57.8        | 50.2 |             |        | 36.0             | 57.6             | 74.5             | 59.5             |
| 2005 | 36.1        | 37.9 | 41.7        | 55.9        | <b>60.0</b> | 74.0        | 79.1        | 78.9 | 72.4        | 60.4        | 52.5 | 37.0        | 57.2   |                  | <b>52.5</b>      | 77.3             | 61.8             |
| 2006 |             | 38.5 | 46.8        |             | 64.4        | 73.1        | 79.2        | 79.3 | <b>67.7</b> |             | 50.8 | 44.5        |        |                  |                  | 77.2             |                  |
| 2007 | 40.5        | 30.9 | 46.5        | <b>53.0</b> | 65.5        | 74.9        | 77.1        | 78.2 | 71.7        | 66.6        | 48.9 | 41.5        | 57.9   | 38.6             | 55.0             | 76.7             | 62.4             |
| 2008 |             | 40.8 | 48.5        | 56.6        | 63.3        | 76.1        | 77.4        | 74.6 | 71.3        | 58.3        | 47.2 | 43.0        |        |                  | 56.1             | 76.0             | 58.9             |
| 2009 | 32.6        | 39.9 | 44.2        | 56.6        | 65.7        | 74.0        | 76.5        | 78.0 | 68.8        | 58.9        | 51.9 | 38.9        |        | 38.5             | 55.5             | 76.2             | 59.9             |
| 2010 | 34.9        | 33.2 | 49.0        | 59.3        | 68.6        | 79.1        | 81.8        | 78.9 | 73.9        | 59.9        | 49.3 | <b>32.9</b> | 58.4   | 35.7             | 59.0             | 79.9             | 61.0             |
| 2011 | 32.1        | 41.1 | 45.4        | 58.4        | 68.1        | 76.8        | 81.3        | 77.0 | 71.8        | 58.6        | 52.4 | 44.9        | 59.0   | 35.4             | 57.3             | 78.4             | 60.9             |
| 2012 | 41.3        | 42.4 | <b>54.6</b> | 56.8        | 69.4        | 74.4        | <b>82.9</b> | 78.5 | 70.0        | 61.0        | 45.6 | 45.2        | 60.2   | 42.9             | 60.3             | 78.6             | 58.9             |
| 2013 | 39.3        |      |             |             |             |             |             |      |             |             |      |             |        |                  |                  |                  |                  |



Image from Google Earth