

**DEPARTMENT OF METEOROLOGY**

**STANDARDIZED PRECIPITATION INDEX SPI-n**

MINIMUM AND MAXIMUM VALUES

Period: Oct.1970 - Dec.2023

|                      | SPI-n MINIMUM VALUES |              |              |              |              |              |              |              |              |
|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| HYDROLOGICAL REGIONS | SPI-1                | SPI-3        | SPI-6        | SPI-9        | SPI-12       | SPI-24       | SPI-36       | SPI-48       | SPI-60       |
| 1-Pafos              | -2.90                | -3.10        | -3.11        | -2.93        | -2.57        | -2.61        | -2.66        | -2.23        | -2.29        |
|                      | Feb-89               | Jun-90       | Sept-90      | Nov-90       | Sept-73      | Jan-91       | May-74       | Oct-74       | Dec-93       |
| 2-Polis              | -3.10                | <b>-3.18</b> | -3.11        | -2.93        | -2.84        | -2.60        | -2.67        | -2.23        | -2.16        |
|                      | Mar-04               | May-04       | Sept-90      | Nov-10       | Sept-73      | Jan-91       | May-74       | Nov-74       | Dec-93       |
| 3-Morfou             | <b>-3.22</b>         | -2.62        | -3.10        | -3.18        | -3.27        | -2.75        | -2.29        | -2.54        | -3.21        |
|                      | Mar-04               | Nov-10       | Mar-73       | Jun-73       | Sept-73      | Jan-91       | Feb-98       | Nov-98       | Dec-99       |
| 6-Lefkosia           | -2.56                | -2.85        | -3.27        | <b>-3.42</b> | <b>-3.28</b> | -2.36        | -2.04        | -2.22        | -2.92        |
|                      | Dec-06               | Nov-10       | Mar-73       | May-73       | Sept-73      | Jan-91       | Mar-18       | Dec-98       | Dec-99       |
| 7-Kokkinochoria      | -2.49                | -2.99        | -2.92        | -2.76        | -2.62        | -2.15        | -2.31        | <b>-2.73</b> | <b>-3.23</b> |
|                      | Jan-25               | May-04       | Nov-13       | May-73       | Sept-73      | Dec-90       | Dec-97       | Nov-98       | Dec-99       |
| 8-Larnaka            | -2.79                | -2.99        | -3.21        | -3.11        | -3.18        | -2.32        | -2.28        | -2.29        | -3.06        |
|                      | Dec-06               | May-04       | Mar-73       | May-73       | Sept-73      | Dec-73       | May-74       | Dec-08       | Dec-99       |
| 9-Lemesos            | -2.86                | -3.03        | <b>-3.35</b> | -3.17        | -3.15        | <b>-2.86</b> | <b>-2.83</b> | -2.38        | -2.65        |
|                      | Mar-04               | May-04       | Mar-73       | Mar-73       | Sept-73      | Oct-74       | May-74       | Jun-08       | Jan-09       |
|                      |                      |              |              |              |              |              |              |              |              |
| MINIMUM              | -3.22                | -3.18        | -3.35        | -3.42        | -3.28        | -2.86        | -2.83        | -2.73        | -3.23        |

|                      | SPI-n MAXIMUM VALUES |             |             |             |             |             |             |             |             |
|----------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| HYDROLOGICAL REGIONS | SPI-1                | SPI-3       | SPI-6       | SPI-9       | SPI-12      | SPI-24      | SPI-36      | SPI-48      | SPI-60      |
| 1-Pafos              | 2.74                 | 2.55        | 2.59        | 2.39        | 2.57        | 2.58        | 2.18        | 2.62        | 2.24        |
|                      | Oct-06               | Jul-14      | Oct-06      | Jan-19      | Dec-12      | Dec-12      | Feb-20      | Dec-12      | May-13      |
| 2-Polis              | 2.75                 | 2.51        | 2.56        | 2.11        | 2.66        | 2.45        | 2.15        | 2.73        | 2.40        |
|                      | Aug-72               | Nov-94      | Nov-94      | Dec-12      | Dec-12      | Dec-12      | Dec-12      | Dec-12      | May-13      |
| 3-Morfou             | 2.70                 | <b>3.07</b> | <b>3.16</b> | 2.58        | <b>2.86</b> | 2.97        | <b>2.63</b> | 2.38        | 2.14        |
|                      | Nov-94               | Nov-94      | Nov-94      | Jan-19      | Apr-19      | Apr-20      | Dec-20      | Jan-04      | Oct-22      |
| 6-Lefkosia           | 2.83                 | 2.68        | 2.82        | 2.52        | 2.51        | 2.51        | 2.56        | <b>2.89</b> | <b>2.59</b> |
|                      | Jan-04               | Nov-94      | Nov-94      | Nov-94      | Apr-19      | Apr-20      | Feb-04      | Feb-04      | Jun-05      |
| 7-Kokkinochoria      | 3.12                 | 2.50        | 2.57        | <b>2.71</b> | 2.65        | 2.32        | 1.89        | 2.19        | 1.91        |
|                      | Apr-71               | Dec-91      | May-88      | Oct-88      | Nov-88      | Feb-89      | Nov-94      | Feb-04      | Jan-05      |
| 8-Larnaka            | <b>3.19</b>          | 2.89        | 3.00        | 2.68        | 2.45        | 2.48        | 2.36        | 2.30        | 2.00        |
|                      | Sept-09              | Sept-09     | Nov-94      | Nov-94      | Oct-19      | Apr-20      | Nov-94      | Feb-04      | Dec-04      |
| 9-Lemesos            | 2.91                 | 2.68        | 2.85        | 2.57        | 2.85        | <b>3.00</b> | 2.59        | 2.55        | 2.19        |
|                      | Nov-94               | Nov-94      | Nov-94      | Jun-19      | Oct-19      | Mar-20      | Mar-20      | Dec-12      | Oct-22      |
|                      |                      |             |             |             |             |             |             |             |             |
| MAXIMUM              | 3.19                 | 3.07        | 3.16        | 2.71        | 2.86        | 3.00        | 2.63        | 2.89        | 2.59        |