## National Climate Bulletin and the assessment of the MedCOF/SEECOF Climate outlook for <u>BULGARIA</u> for previous season (summer 2024)

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|       |         |         |           | T summer | degC |      |          | R summer | mm    |       |          |
|-------|---------|---------|-----------|----------|------|------|----------|----------|-------|-------|----------|
| synop | lat     | Ion     | name      | 0,33     | 0,5  | 0,67 | observed | 0,33     | 0,5   | 0,67  | observed |
| 15502 | 43,9942 | 22,8525 | Vidin     | 22,1     | 22,6 | 22,8 | 24,9     | 88,1     | 136,5 | 192,5 | 71       |
| 15549 | 43,5661 | 26,5078 | Razgrad   | 20,4     | 21,1 | 21,5 | 24,6     | 133,6    | 160,8 | 205,0 | 146      |
| 15552 | 43,2125 | 27,9522 | Varna     | 21,3     | 21,9 | 22,4 | 25,0     | 85,5     | 98,9  | 138,0 | 42       |
| 15655 | 42,4975 | 27,4825 | Burgas    | 21,8     | 22,2 | 22,8 | 24,9     | 82,5     | 101,5 | 141,3 | 57       |
| 15640 | 42,6775 | 26,3397 | Sliven    | 22,1     | 22,6 | 23,3 | 25,9     | 120,9    | 131,9 | 153,4 | 107      |
| 15730 | 41,6467 | 25,3853 | Kardjali  | 22,0     | 22,2 | 22,9 | 25,5     | 84,4     | 105,0 | 120,0 | 100      |
| 15712 | 41,55   | 23,2672 | Sandanski | 24,1     | 24,6 | 25,1 | 28,4     | 87,7     | 105,2 | 127,5 | 49       |
| 15614 | 42,65   | 23,3833 | Sofia     | 19,7     | 20,5 | 20,8 | 23,8     | 147,8    | 169,7 | 202,4 | 84       |

|          | Seasonal t      | emperature  | Seasonal precipitation   |   |  |  |  |
|----------|-----------------|---|--------------------------|---|--|--|--|
| Country  | JJA             | 2024  | JJ                       | A 2024  | High Impact Events   |  |  |
|          |                 | MedCOF/   |                          | MedCOF/   |  |  |  |
|          | Observed        | SEECOF  |                          | SEECOF  |  |  |  |
|          |                 | climate   | Observed                 | climate outlook   |  |  |  |
|          |                 | outlook for   |                          | for   |  |  |  |
|          |                 | temperature   |                          | precipitation   |  |  |  |
| Bulgaria | Above<br>normal | MedCOF<br>and<br>SEECOF<br>B/N/A<br>20/30/50%<br>Near or<br>above<br>normal | Dry or<br>near<br>normal | MedCOF<br>and<br>SEECOF<br>B/N/A<br>20/30/50%<br>Near or above<br>nomal | The month of June 2024 is the warmest month of June in Bulgaria since 1930 and the driest for the last 30 years. The month of July 2024 is almost as warm as the warmest month of July since 1930 – July 2012. In terms of precipitation it is as dry as July 2023. August 2024 is among the warmest months of August since 1930 and among the driest for the last 10 years. As a result the summer of 2024 is among the warmest if not the warmest since 1930 and among the driest since the beginning of the 21 century. There was again a long heat wave in July and August but there are no registered record maximum temperatures. Due to the heat and the drought the fire season was busy in July and August. The crops also experienced heat and drought stress which reflected in the yields. |  |  |