

1     **Table 1.** Description of 9 thermometers.

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| ID  | Longitude[E] | Latitude[N] | Altitude [EL. m] |
|-----|--------------|-------------|------------------|
| 884 | 127.3822     | 36.9876     | 321              |
| 886 | 127.3753     | 36.9863     | 254              |
| 356 | 127.3763     | 36.9845     | 201              |
| 885 | 127.3746     | 36.9824     | 199              |
| 882 | 127.3726     | 36.9786     | 150              |
| 889 | 127.3801     | 36.9854     | 263              |
| 357 | 127.3786     | 36.9851     | 247              |
| 558 | 127.3773     | 36.9822     | 191              |
| 560 | 127.3749     | 36.9799     | 145              |

**Table 2.** Assigned reclassification criteria using distance and altitude from the coastline (Eum et al. 2018)

| Input value | Description                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| 1           | Distance from the coast is shorter than 10 km and elevation is equal to or lower than 200 m.                            |
| 2           | Distance from the coast is shorter than 10 km and elevation is higher than 200 m                                        |
| 3           | Distance from the coast is longer than 10km but shorter than 20 km and<br>The elevation is equal to or lower than 200 m |
| 4           | Distance from the coast is longer than 10km but shorter than 20 km and<br>the elevation is higher than 200 m            |
| 5           | Distance from the coast is equal to or longer than 20 km and<br>the elevation is equal to or lower than 200 m           |
| 6           | Distance from the coast is equal to or longer than 20 km and<br>the elevation is higher than 200 m                      |