



## **Weather Conditions and Plant Development**

Since May, temperatures during this year's growing season have been moderate and very close to the long-term average. There have been only very few hot days and the nights have been comparatively cool.

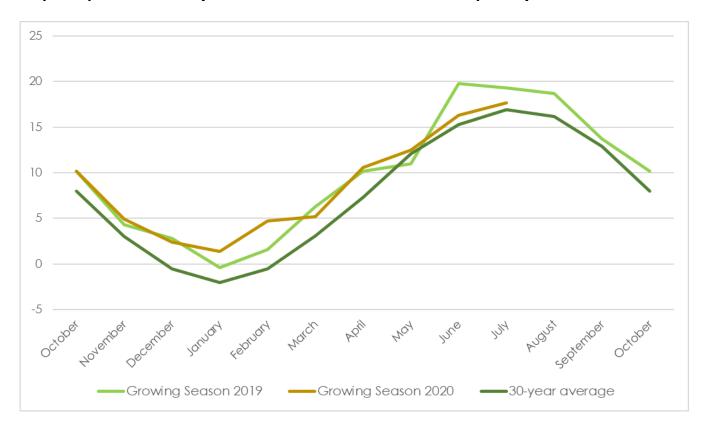
Precipitation in June was above-average so that there is enough water reserve in the However, further precipitation would be very favourable during the current blooming period.

Hops are developing well. In general, this refers to all varieties. There are, however, some slower developing Perle and Hallertauer Tradition hop gardens.

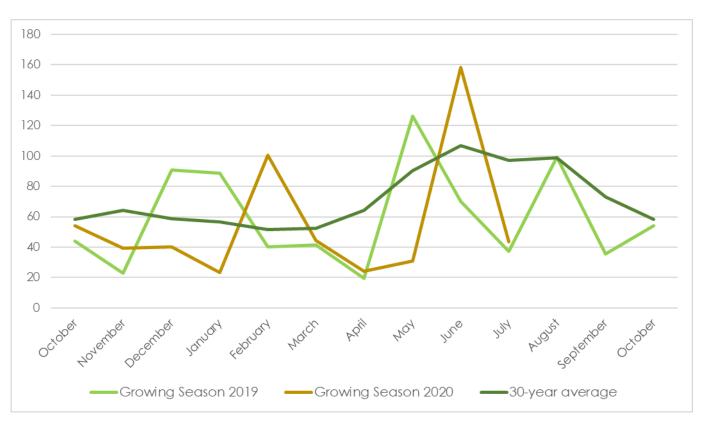
Due to the weather conditions there is a higher risk of diseases. After some initial problems, the situation is under control now. Hop growers use plant protection measures to fight the diseases.



## Day Temperature in °C (Source: Weather Station Hüll, 22 July 2020)



## Precipitation in mm (Source: Weather Station Hüll, 22 July 2020)







## Number of Hot Days (above 30°C) (Source: Weather Station Hüll, 22 July 2020)

|           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|
| April     | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| May       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| June      | 0    | 2    | 4    | 4    | 4    | 2    | 3    | 3    | 0    | 8    | 0    |
| July      | 11   | 1    | 3    | 7    | 4    | 15   | 3    | 6    | 6    | 8    | 1    |
| August    | 0    | 7    | 4    | 7    | 0    | 17   | 3    | 6    | 12   | 2    | -    |
| September | 0    | 1    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | -    |
| Total     | 11   | 11   | 12   | 18   | 8    | 36   | 9    | 16   | 18   | 18   | 1    |

Mark = Large number of hot days in bad crop years

