

# Meteorologische Beobachtungen: Monat Oktober 2011

Meteorologische Station Basel-Binningen

317 m ü. M

47° 33' N / 7° 35' E

| Tag | Temperatur     |      |      |      | Luft-<br>druck<br>Mittel | Feuchte<br>rel %<br>12:45 Mittel | Bewöl-<br>kung<br>in % | Nieder-<br>schlag<br>in mm | Sonne<br>Std | Global-<br>strahl.<br>Wh/m <sup>2</sup> | Wind  |      | Schnee<br>Höhe<br>cm |       |
|-----|----------------|------|------|------|--------------------------|----------------------------------|------------------------|----------------------------|--------------|---|-------|------|----------------------|-------|
|     | Mittel<br>24-h | Abw. | Min  | Max  |                          |                                  |                        |                            |              |   | M/sec | Km/h |                      |       |
| 1.  | 16.8           | 4.5  | 11.2 | 25.5 | 988.7                    | 62                               | 78                     | 10                         | -            | 8.4                                     | 4011  | 0.9  | 20                   | Nebel |
| 2.  | 16.5           | 4.4  | 12.0 | 25.5 | 988.0                    | 65                               | 79                     | 37                         | -            | 7.9                                     | 3827  | 1.0  | 18                   | Nebel |
| 3.  | 17.0           | 5.0  | 11.5 | 25.3 | 986.9                    | 62                               | 76                     | 10                         | -            | 9.1                                     | 4031  | 1.2  | 22                   | Nebel |
| 4.  | 16.9           | 5.1  | 10.8 | 25.5 | 987.2                    | 50                               | 69                     | 7                          | -            | 10.6                                    | 4069  | 1.5  | 29                   |       |
| 5.  | 16.1           | 4.4  | 10.6 | 22.0 | 986.9                    | 65                               | 72                     | 70                         | -            | 4.0                                     | 2574  | 1.3  | 28                   |       |
| 6.  | 15.7           | 4.2  | 11.0 | 21.4 | 980.1                    | 56                               | 68                     | 60                         | 8.4          | 6.4                                     | 2947  | 2.0  | 43                   |       |
| 7.  | 9.7            | -1.6 | 8.0  | 12.9 | 980.4                    | 70                               | 77                     | 67                         | 1.9          | 4.9                                     | 2673  | 3.7  | 53                   |       |
| 8.  | 8.7            | -2.4 | 7.7  | 10.0 | 981.9                    | 86                               | 86                     | 97                         | 9.5          | 0.3                                     | 1107  | 2.9  | 45                   |       |
| 9.  | 10.7           | -0.2 | 7.2  | 15.0 | 985.4                    | 54                               | 73                     | 83                         | 8.4          | 6.3                                     | 2968  | 1.3  | 33                   |       |
| 10. | 14.7           | 4.0  | 10.1 | 19.1 | 986.7                    | 76                               | 84                     | 70                         | 2.2          | 2.6                                     | 2230  | 1.9  | 44                   |       |
| 11. | 14.8           | 4.2  | 13.7 | 18.6 | 987.8                    | 70                               | 79                     | 63                         | -            | 5.3                                     | 2895  | 2.1  | 37                   |       |
| 12. | 13.6           | 3.2  | 13.0 | 15.1 | 986.6                    | 69                               | 72                     | 100                        | 0.1          | -                                       | 761   | 2.6  | 33                   |       |
| 13. | 13.1           | 2.9  | 12.0 | 16.4 | 988.6                    | 78                               | 86                     | 97                         | 0.0          | 0.1                                     | 1471  | 1.3  | 27                   |       |
| 14. | 11.3           | 1.3  | 9.2  | 15.7 | 990.1                    | 56                               | 58                     | 53                         | -            | 9.5                                     | 3641  | 2.0  | 34                   |       |
| 15. | 7.4            | -2.5 | 3.0  | 12.7 | 989.1                    | 65                               | 77                     | 30                         | -            | 8.6                                     | 3456  | 1.9  | 32                   |       |
| 16. | 9.7            | 0.0  | 4.8  | 16.5 | 987.8                    | 67                               | 81                     | 40                         | -            | 8.2                                     | 3327  | 1.7  | 26                   |       |
| 17. | 11.3           | 1.8  | 7.3  | 18.5 | 986.2                    | 56                               | 76                     | 47                         | -            | 6.3                                     | 2783  | 1.2  | 22                   |       |
| 18. | 12.4           | 3.1  | 6.5  | 20.0 | 980.2                    | 55                               | 73                     | 63                         | -            | 8.6                                     | 3321  | 1.3  | 25                   | Nebel |
| 19. | 6.4            | -2.8 | 4.7  | 9.0  | 981.6                    | 94                               | 89                     | 100                        | 19.4         | -                                       | 340   | 1.7  | 39                   |       |
| 20. | 6.4            | -2.7 | 4.0  | 11.6 | 988.4                    | 59                               | 73                     | 43                         | -            | 6.3                                     | 2928  | 1.1  | 18                   |       |
| 21. | 3.3            | -5.6 | 0.9  | 7.6  | 989.0                    | 82                               | 88                     | 87                         | -            | 2.7                                     | 1651  | 0.8  | 20                   | Nebel |
| 22. | 5.0            | -3.7 | 0.3  | 10.5 | 984.9                    | 65                               | 80                     | 33                         | -            | 7.6                                     | 3000  | 1.8  | 30                   | Nebel |
| 23. | 5.8            | -2.7 | 2.6  | 11.7 | 980.0                    | 68                               | 81                     | 7                          | -            | 9.1                                     | 3055  | 2.5  | 36                   | Reif  |
| 24. | 7.4            | -0.8 | 4.1  | 13.7 | 971.0                    | 59                               | 76                     | 80                         | -            | 5.6                                     | 2523  | 2.6  | 43                   |       |
| 25. | 8.4            | 0.4  | 6.0  | 11.2 | 968.0                    | 79                               | 86                     | 90                         | 0.3          | -                                       | 1019  | 0.9  | 26                   |       |
| 26. | 10.8           | 3.0  | 7.2  | 17.1 | 977.4                    | 52                               | 74                     | 30                         | -            | 8.9                                     | 2818  | 0.9  | 21                   |       |
| 27. | 9.2            | 1.6  | 5.4  | 14.7 | 978.6                    | 66                               | 78                     | 90                         | -            | 4.4                                     | 2187  | 1.4  | 32                   |       |
| 28. | 10.4           | 3.0  | 5.2  | 18.0 | 986.4                    | 58                               | 74                     | 37                         | -            | 6.8                                     | 2496  | 1.0  | 23                   |       |
| 29. | 10.9           | 3.7  | 5.6  | 18.1 | 987.5                    | 62                               | 77                     | 80                         | -            | 2.9                                     | 2130  | 1.1  | 25                   |       |
| 30. | 11.2           | 4.2  | 8.7  | 15.2 | 986.0                    | 77                               | 84                     | 93                         | -            | -                                       | 868   | 1.1  | 19                   |       |
| 31. | 9.9            | 3.0  | 7.4  | 14.9 | 982.2                    | 72                               | 87                     | 73                         | -            | 6.1                                     | 2290  | 1.7  | 30                   | Nebel |

|               |      |  |     |      |       |    |    |    |      |       |      |     |  |  |
|---------------|------|--|-----|------|-------|----|----|----|------|-------|------|-----|--|--|
| <b>Mittel</b> | 11.0 |  | 7.5 | 16.4 | 984.2 | 66 | 78 | 60 |      |       | 2561 | 1.6 |  |  |
| <b>Summe</b>  |      |  |     |      |       |    |    |    | 50.2 | 167.5 |      |     |  |  |
| <b>Norm</b>   | 10.4 |  | 6.7 | 15.6 | 980.7 |    | 84 | 66 | 52   | 122   |      | 2.1 |  |  |

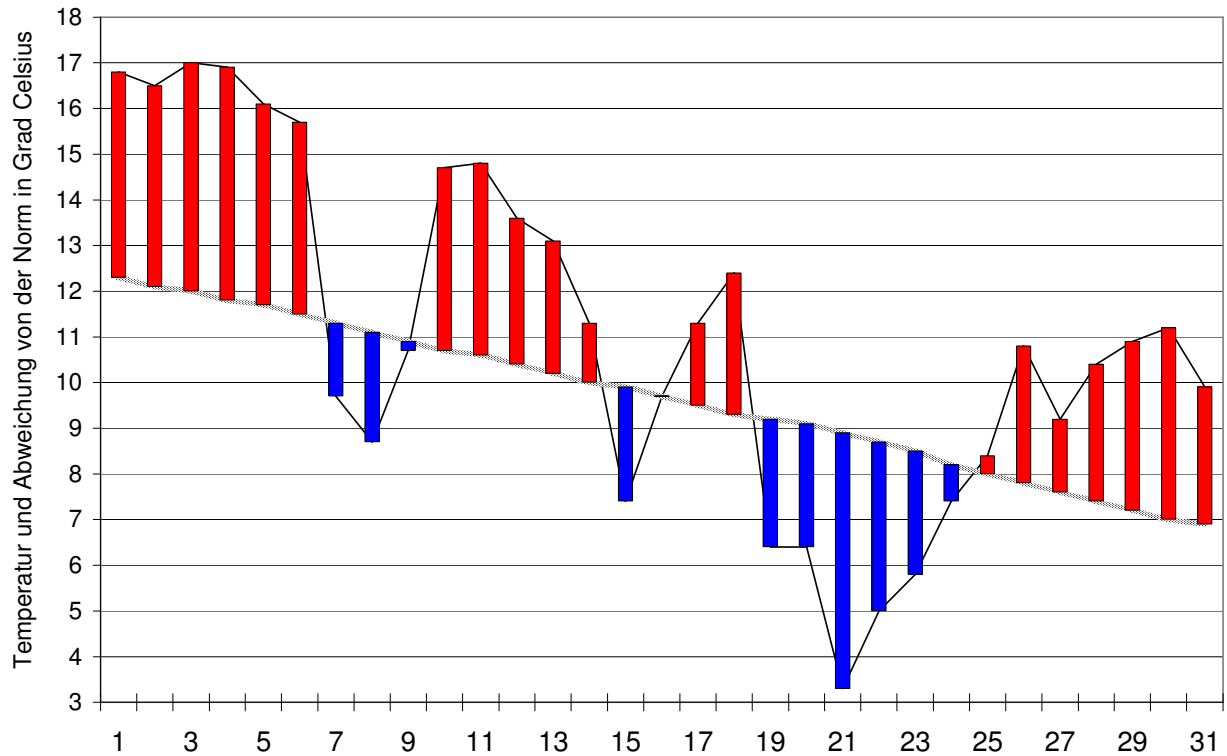
|   |                                       |      |                                      |       |   |      |      |       |               |                  |     |          |      |            |                         |    |    |     |   |
|---|---------------------------------------|------|--------------------------------------|-------|---|------|------|-------|---------------|------------------|-----|----------|------|------------|-------------------------|----|----|-----|---|
| <b>Luftdruck</b> auf Meeresniveau: 1022.2 hPa     | Minimum : 966.6 hPa am 25. um 06:45 h |      | Maximum: 990.5 hPa am 14. um 12:45 h |       |   |      |      |       |               |                  |     |          |      |            |                         |    |    |     |   |
| <b>Temperaturmittel</b> 06:45 h : 8.4 °C          | 12:45 h 14.6°C                        |      | 18:45 h 12.1°C                       |       |   |      |      |       |               |                  |     |          |      |            |                         |    |    |     |   |
| <b>Spezialtage</b>                                | Hell                                  | trüb | Som-<br>mer                          | Frost | Niederschlag<br>(mm oder l/m <sup>2</sup> ) |      |      | Nebel | ohne<br>Sonne | Windmax<br>(m/s) |     | Gewitter | Reif | Ha-<br>gel | Schnee<br>fall<br>decke |    |    |     |   |
|   |                                       |      |                                      |       | ≥0.1  | ≥0.3 | ≥1.0 |       |               | ≥15              | ≥26 | Nahe     | Alle |            |                         |    |    |     |   |
| Anzahl Tage                                       | 4                                     | 9    | 4                                    | 0     | 8   | 7    | 6    | 7     | 4             | 0                | 0   | 0        | 1    | 1          | 0                       |    |    |     |   |
| Norm  | 3                                     | 13   | 0.6                                  | 0.9   | 12  | 10   | 8    | 7     | 6             | 2                | -   | 0.3      | 0.6  | 2          | 0.1                     |    |    |     |   |
| <b>Windmaximu:</b>                                | 14.7 m/s am 7. um 09:30 h aus W       |      |                                      |       | <b>Relative Feuchte</b> (Formel SMA): 80 %  |      |      |       |               |                  |     |          |      |            |                         |    |    |     |   |
| <b>Windrichtungs-<br/>häufigkeiten</b> (Termine): |                                       | N    | 4                                    | NE    | 1   | E    | 30   | SE    | 15            | S                | 4   | SW       | 6    | W          | 18                      | NW | 10 | CAL | 5 |

|                                   |         |              |       |                 |                 |                 |
|-----------------------------------|---------|--------------|-------|-----------------|-----------------|-----------------|
| <b>Gradtagzahlen</b> 10°C / 18°C: | 136.7.4 | 12°C / 20°C: | 226.1 | <b>Heiztage</b> | 10°C / 18°C: 13 | 12°C / 20°C: 20 |
|-----------------------------------|---------|--------------|-------|-----------------|-----------------|-----------------|

# Der Verlauf der Temperaturen im Monat Oktober 2011

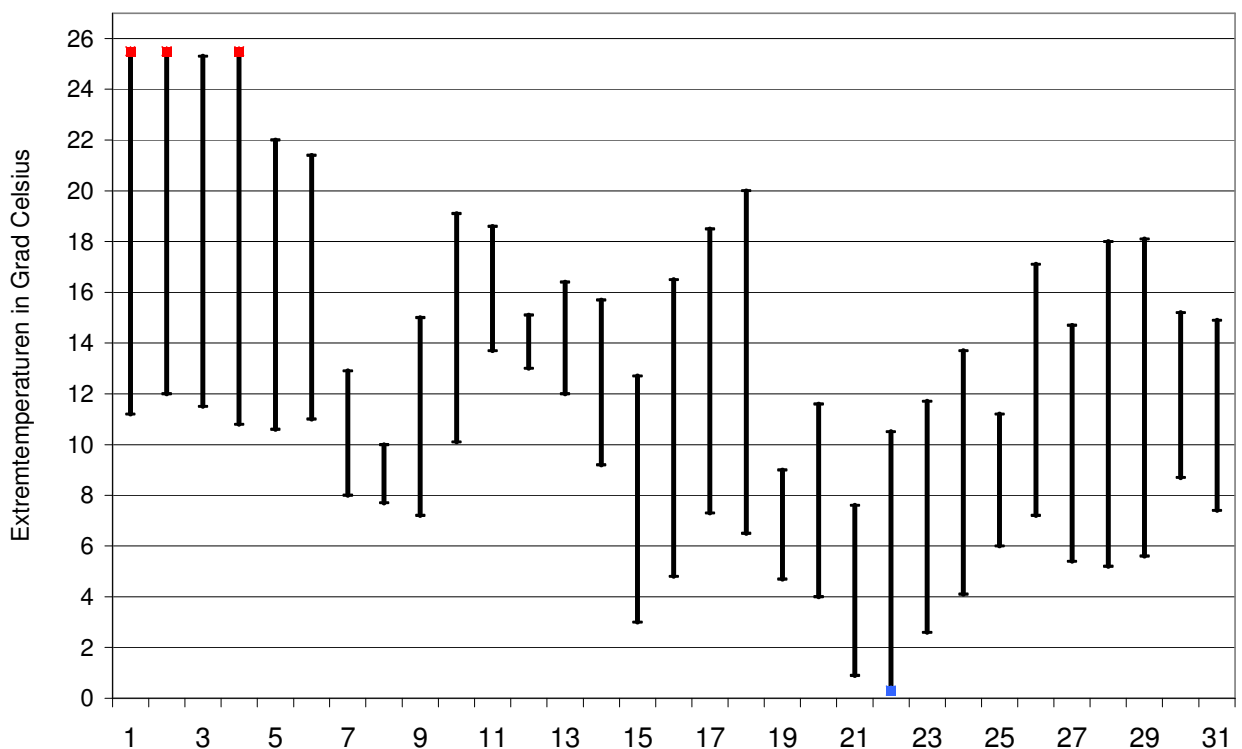
## Meteorologische Station Basel Binningen

**Tagesmittelwerte Temperatur und deren Abweichung von der Normperiode (1901-1990)**  
*aufwärts gerichtete Balken = zu warm, abwärts gerichtete Balken = zu kalt*



### Tägliche Minima und Maxima der Temperatur

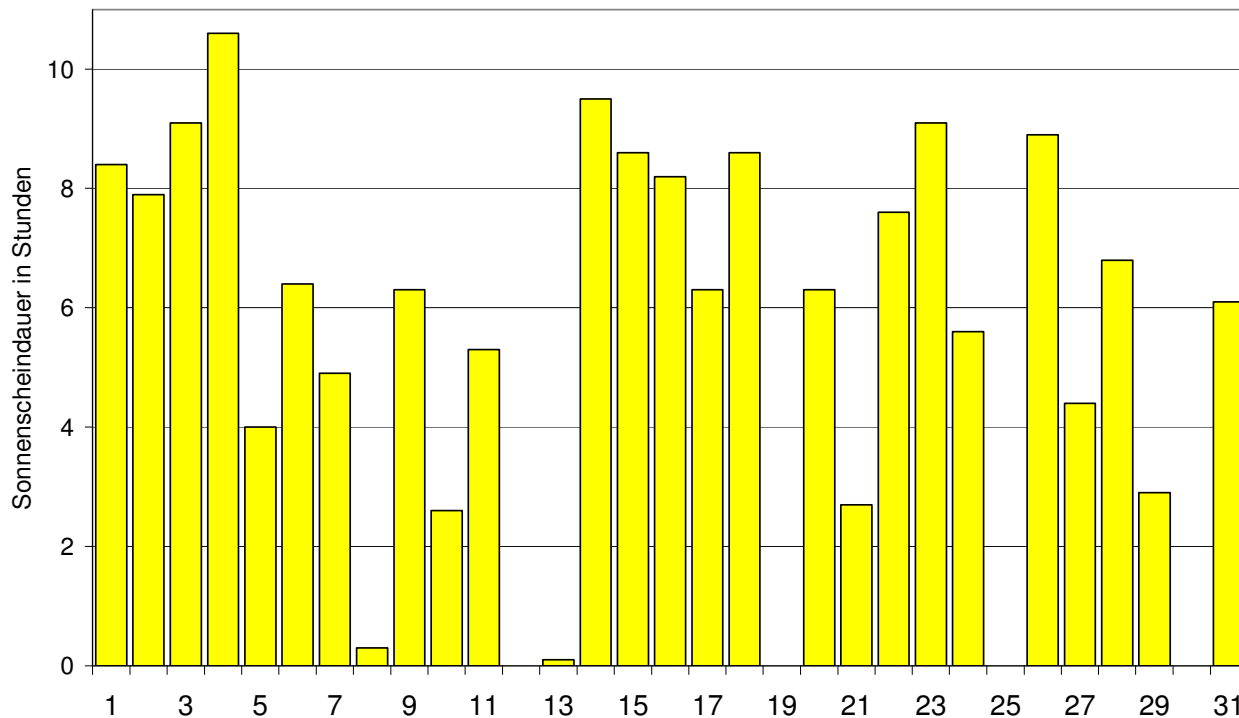
*oberes Balkenende = Maximum, unteres Balkenende = Minimum*



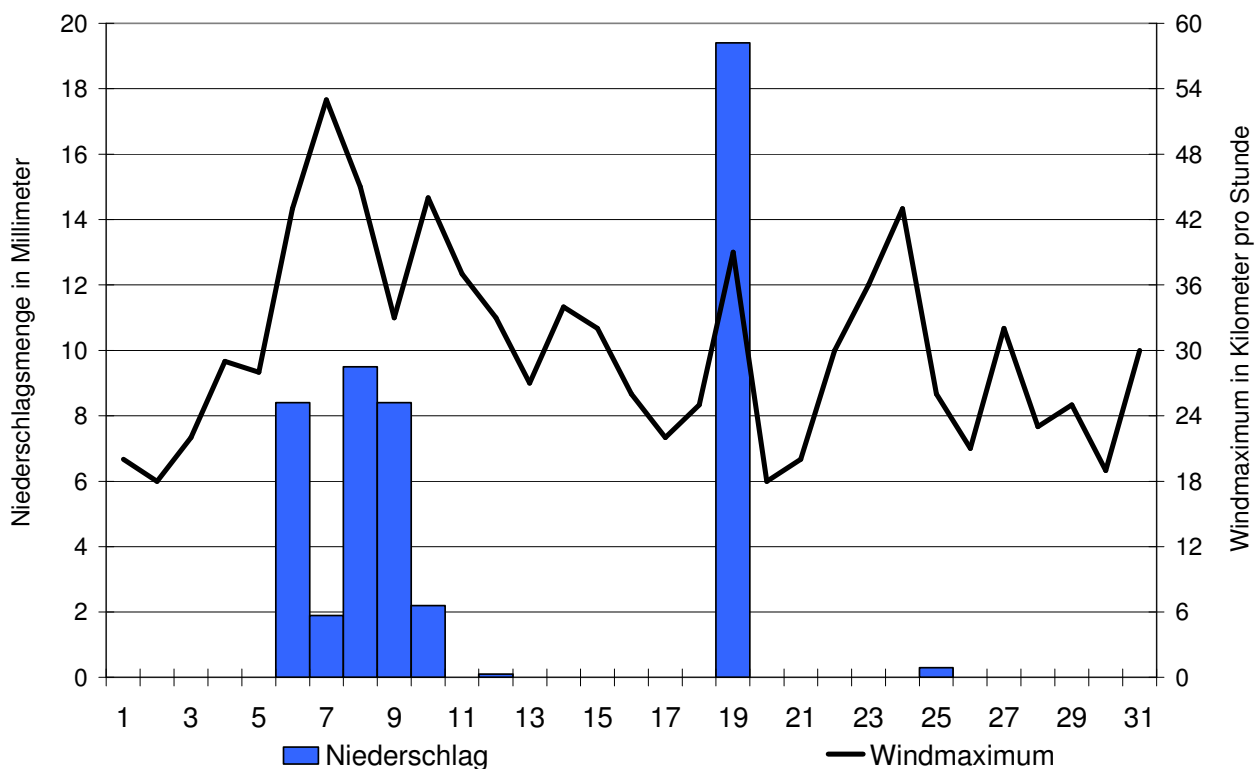
# Der Verlauf von Sonnenscheindauer, Niederschlagsmenge und Windgeschwindigkeit im Monat Oktober 2011

Meteorologische Station Basel Binningen

Tagessummen der Sonnenscheindauer

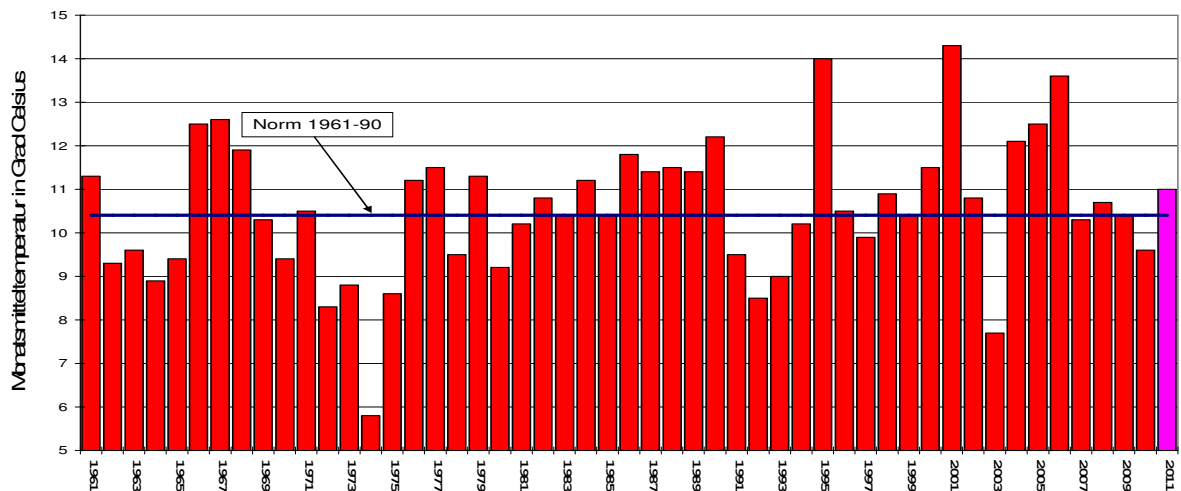


Tagessummen der Niederschlagsmenge (Balken) und maximale tägliche Windgeschwindigkeit (Linie)

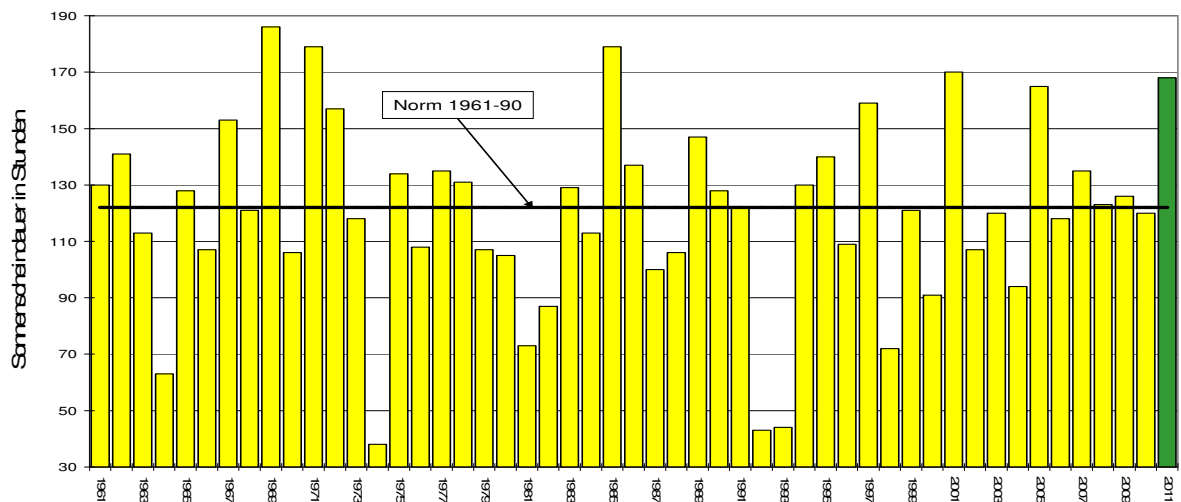


# Die Entwicklung von Temperatur, Sonnenscheindauer und Niederschlagsmenge im Monat Oktober seit 1961: Meteorologische Station Basel Binningen

## Monatsmitteltemperaturen



## Monatliche Sonnenscheindauer



## Monatliche Niederschlagsmengen

