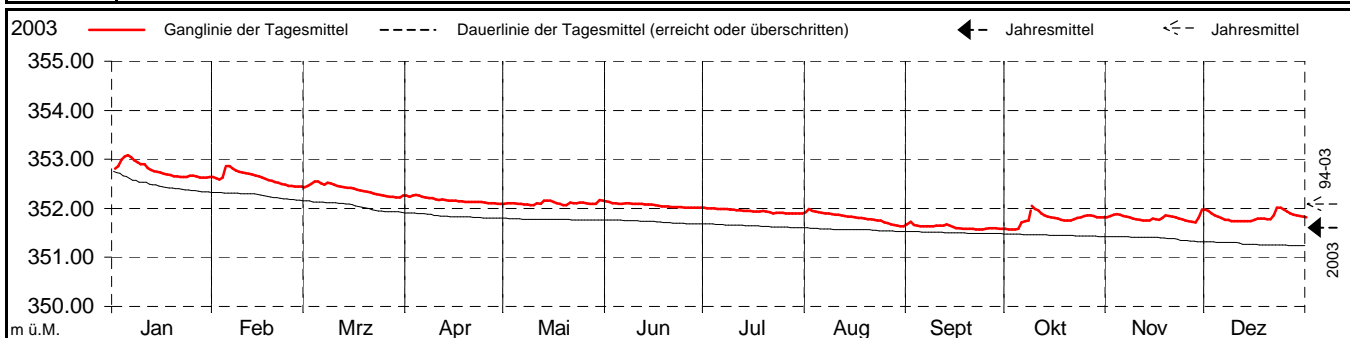
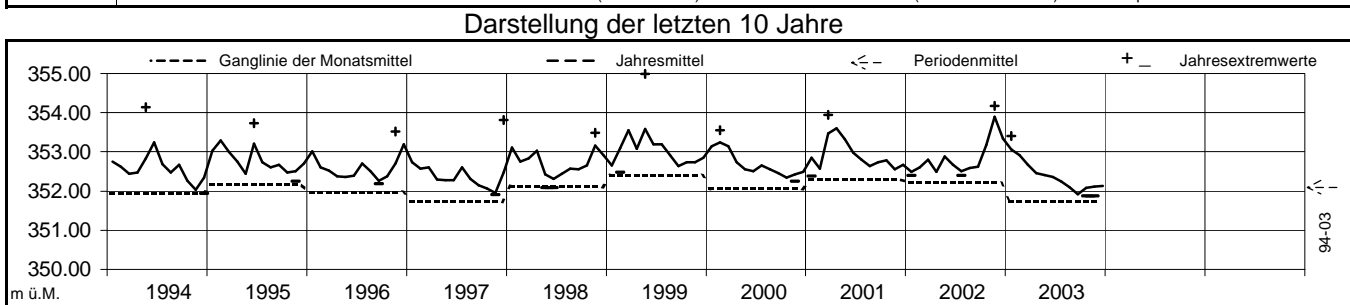


**Grundwasserstände** 71. P. 11 Sissach ARA Ergolz 1 Jahr 2003  
 Koordinaten: 627 562 / 257 572 OK. Terrain: 363.17 m ü.M. Abstichpunkt: 364.04 m ü.M.

| 2003         | Januar   | Februar  | März     | April    | Mai      | Juni       | Juli     | August   | September            | Oktober    | November | Dezember |    |
|--------------|----------|----------|----------|----------|----------|------------|----------|----------|----------------------|------------|----------|----------|----|
| 1            | 352.48   | 352.28   | 352.12   | 351.91   | 351.78   | 351.80 +   | 351.67 + | 351.65 + | 351.39 +             | 351.25     | 351.51   | 351.61   | 1  |
| 2            | 352.54   | 352.26   | 352.17   | 351.93 + | 351.78   | 351.78     | 351.67   | 351.62   | 351.33               | 351.24     | 351.55   | 351.57   | 2  |
| 3            | 352.67   | 352.30   | 352.22 + | 351.95   | 351.77   | 351.77     | 351.67   | 351.60   | 351.32               | 351.24 -   | 351.55   | 351.53   | 3  |
| 4            | 352.73   | 352.54 + | 352.22   | 351.93   | 351.77   | 351.77     | 351.66   | 351.59   | 351.31               | 351.26     | 351.54   | 351.50   | 4  |
| Tagesmittel  | 352.76 + | 352.53   | 352.18   | 351.91   | 351.76   | 351.76     | 351.66   | 351.58   | 351.31               | 351.38     | 351.52   | 351.47   | 5  |
| 6            | 352.71   | 352.48   | 352.16   | 351.90   | 351.75   | 351.78     | 351.66   | 351.57   | 351.30               | 351.41     | 351.50   | 351.44   | 6  |
| 7            | 352.65   | 352.45   | 352.19   | 351.88   | 351.75   | 351.78     | 351.65   | 351.56   | 351.30               | 351.42     | 351.49   | 351.43   | 7  |
| 8            | 352.61   | 352.42   | 352.18   | 351.87   | 351.74   | 351.76     | 351.65   | 351.56   | 351.31               | 351.72 +   | 351.47   | 351.41   | 8  |
| 9            | 352.57   | 352.40   | 352.15   | 351.86   | 351.74   | 351.77     | 351.64   | 351.54   | 351.32               | 351.66     | 351.45   | 351.41   | 9  |
| interpol. x  | 352.57   | 352.39   | 352.13   | 351.85   | 351.78   | 351.76     | 351.64   | 351.53   | 351.32               | 351.63     | 351.44   | 351.41   | 10 |
| 11           | 352.49   | 352.37   | 352.12   | 351.85   | 351.77   | 351.76     | 351.63   | 351.53   | 351.32               | 351.57     | 351.43   | 351.41   | 11 |
| 12           | 352.46   | 352.36   | 352.10   | 351.84   | 351.83 + | 351.75     | 351.63   | 351.52   | 351.35               | 351.53     | 351.42   | 351.41   | 12 |
| 13           | 352.43   | 352.34   | 352.09   | 351.83   | 351.83   | 351.75     | 351.62   | 351.51   | 351.32               | 351.51     | 351.43   | 351.41   | 13 |
| 14           | 352.41   | 352.32   | 352.08   | 351.83   | 351.83   | 351.74     | 351.62   | 351.50   | 351.29               | 351.49     | 351.46   | 351.41   | 14 |
| Max. +       | 352.40   | 352.30   | 352.07   | 351.82   | 351.80   | 351.74     | 351.61   | 351.49   | 351.27               | 351.47     | 351.45   | 351.44   | 15 |
| 16           | 352.38   | 352.27   | 352.05   | 351.82   | 351.78   | 351.72     | 351.61   | 351.48   | 351.26               | 351.46     | 351.44   | 351.46   | 16 |
| 17           | 352.36   | 352.25   | 352.04   | 351.81   | 351.76   | 351.71     | 351.61   | 351.47   | 351.26               | 351.44     | 351.48   | 351.46   | 17 |
| 18           | 352.34   | 352.23   | 352.02   | 351.81   | 351.74   | 351.71     | 351.61   | 351.46   | 351.25               | 351.43     | 351.53   | 351.46   | 18 |
| 19           | 352.33   | 352.21   | 352.00   | 351.81   | 351.74 - | 351.70     | 351.61   | 351.45   | 351.26               | 351.42     | 351.52   | 351.45   | 19 |
| Min. -       | 352.32   | 352.19   | 351.99   | 351.80   | 351.78   | 351.70     | 351.59   | 351.45   | 351.25               | 351.42     | 351.50   | 351.44   | 20 |
| 21           | 352.31   | 352.17   | 351.98   | 351.80   | 351.78   | 351.70     | 351.57   | 351.44   | 351.25 -             | 351.45     | 351.48   | 351.52   | 21 |
| 22           | 352.32   | 352.15   | 351.96   | 351.80   | 351.77   | 351.69     | 351.58   | 351.43   | 351.24               | 351.47     | 351.47   | 351.68   | 22 |
| 23           | 352.31   | 352.13   | 351.94   | 351.80   | 351.79   | 351.69     | 351.58   | 351.42   | 351.24               | 351.49     | 351.44   | 351.69 + | 23 |
| 24           | 352.33   | 352.12   | 351.93   | 351.79   | 351.79   | 351.69     | 351.57   | 351.39   | 351.25               | 351.51     | 351.42   | 351.64   | 24 |
| 25           | 352.34   | 352.12   | 351.92   | 351.78   | 351.77   | 351.69     | 351.57   | 351.36   | 351.27               | 351.53     | 351.41   | 351.60   | 25 |
| 26           | 352.32   | 352.11   | 351.91   | 351.77   | 351.77   | 351.69     | 351.57   | 351.35   | 351.27               | 351.52     | 351.40   | 351.57   | 26 |
| 27           | 352.30   | 352.11   | 351.90   | 351.77   | 351.77   | 351.69     | 351.57   | 351.33   | 351.26               | 351.52     | 351.39 - | 351.54   | 27 |
| 28           | 352.29 - | 352.11 - | 351.90   | 351.77 - | 351.77   | 351.68     | 351.56 - | 351.31   | 351.25               | 351.49     | 351.49   | 351.53   | 28 |
| 29           | 352.30   |          | 351.89 - | 351.76   | 351.84   | 351.68     | 351.56   | 351.30   | 351.25               | 351.49     | 351.65 + | 351.52   | 29 |
| 30           | 352.31   |          | 351.94   | 351.77   | 351.83   | 351.68 -   | 351.57   | 351.30   | 351.25               | 351.49     | 351.65   | 351.51   | 30 |
| 31           | 352.31   |          | 351.93   | 351.81   | 351.81   | 351.60     | 351.60   | 351.35 - | 351.49               | 351.49     | 351.65   | 351.49   | 31 |
| Monatsmittel | 352.44 + | 352.28   | 352.05   | 351.83   | 351.78   | 351.73     | 351.61   | 351.47   | 351.29 -             | 351.46     | 351.48   | 351.50   |    |
| Maximum      | 352.77 + | 352.57   | 352.25   | 351.95   | 351.86   | 351.80     | 351.68   | 351.67   | 351.41 -             | 351.75     | 351.66   | 351.70   |    |
| Datum        | 5.1.     | 4.2.     | 3.3.     | 2.4.     | 12.5.    | 1.6.       | 1.7.     | 1.8.     | 1.9.                 | 8.10.      | 29.11.   | 23.12.   |    |
| Amplitude*   | 0.48     | 0.47     | 0.36     | 0.19     | 0.13     | 0.13       | 0.12 -   | 0.37     | 0.17                 | 0.51 +     | 0.28     | 0.29     |    |
| Jahr 2003    | Mittel   | 351.74   | m ü.M.   | Maximum  | 352.77   | (5.1.2003) | Minimum  | 351.24   | (3.10. + 27.11.2003) | Amplitude* | 1.54     | m        |    |



| Periode      | 1994 - 2003 |          |          |         |          |                |         |          |                      |            |        |        |  |
|--------------|-------------|----------|----------|---------|----------|----------------|---------|----------|----------------------|------------|--------|--------|--|
| Monatsmittel | 352.26      | 352.20   | 352.27 + | 352.10  | 352.08   | 352.09         | 352.03  | 351.90   | 351.84 -             | 351.87     | 351.98 | 352.09 |  |
| Maximum      | 353.05      | 354.01   | 353.45   | 353.23  | 354.37 + | 353.10         | 353.10  | 352.52 - | 352.55               | 353.11     | 353.54 | 353.19 |  |
| Jahr         | 1995        | 1999     | 1999     | 2001    | 1999     | 1995           | 1999    | 2002     | 2002                 | 2002       | 2002   | 1997   |  |
| Minimum      | 351.60      | 351.76 + | 351.62   | 351.57  | 351.46   | 351.46         | 351.56  | 351.30   | 351.24 -             | 351.24 -   | 351.28 | 351.28 |  |
| Jahr         | 1994        | 1994/97  | 1994     | 1994    | 1998     | 1998           | 2003    | 2003     | 2003                 | 2003       | 1997   | 1997   |  |
| Amplitude*   | 1.12        | 2.16 +   | 1.56     | 0.74    | 2.04     | 0.79           | 0.94    | 0.47 -   | 0.77                 | 0.94       | 1.08   | 1.91   |  |
| Jahr         | 1995        | 1999     | 2001     | 1998    | 1994     | 1995           | 1996    | 1999/02  | 2002                 | 2002       | 1996   | 1997   |  |
| Periode      | Mittel      | 352.06   | m ü.M.   | Maximum | 354.37   | (13. Mai 1999) | Minimum | 351.24   | (3.10.03 + 27.11.03) | Amplitude* | 3.13   | m      |  |



\* Die Amplituden sind aufgrund von Extremwerten berechnet

# Grundwasserspiegel im Ergolztal

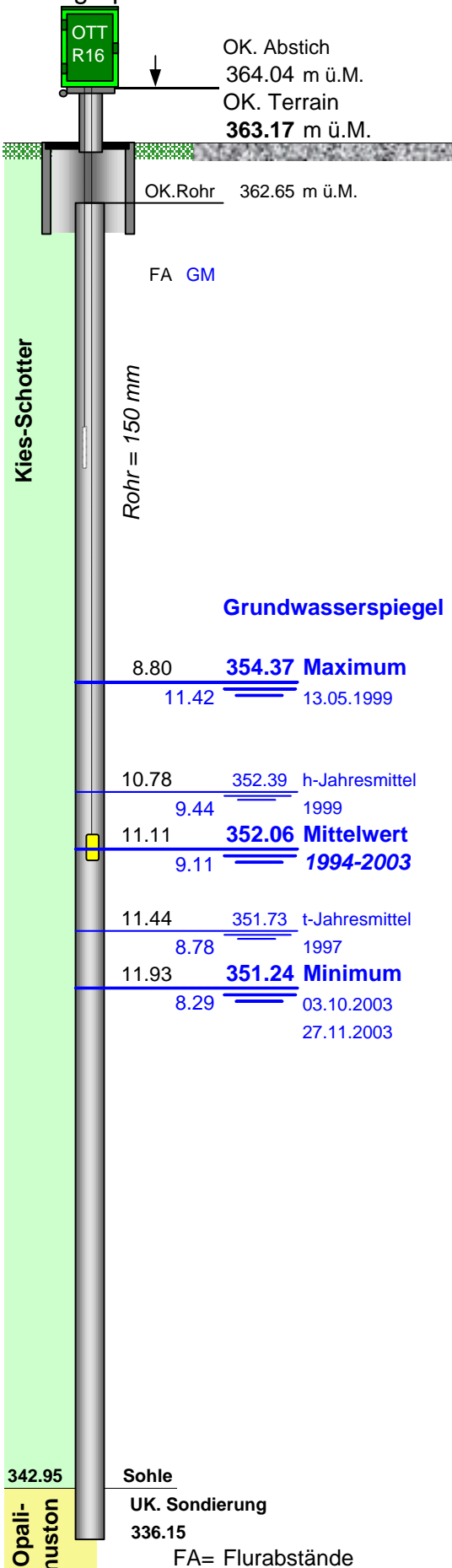
Station 71.P.11

Sissach

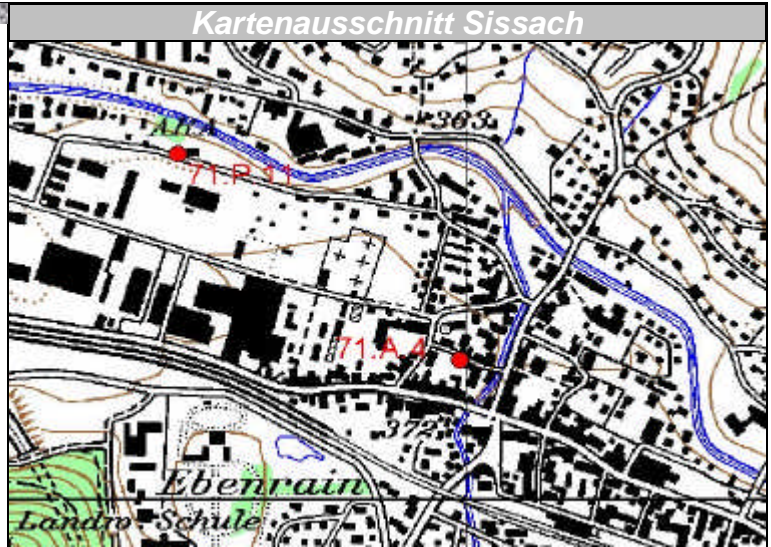
ARA - Ergolz 1

Koordinaten: 627'562 / 257'572

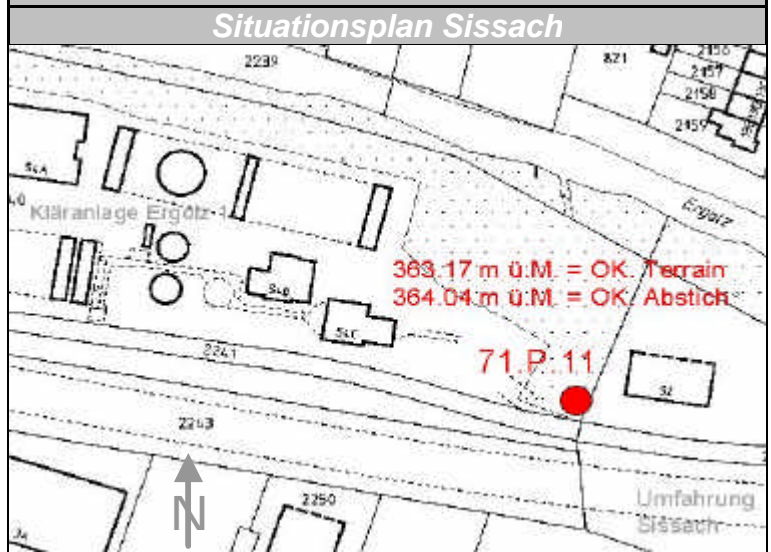
Limmigraph



Kartenausschnitt Sissach



Situationsplan Sissach



25.04.2002

Opal-nuston

FA= Flurabstände  
GM= Grundwassermächtigkeit in m