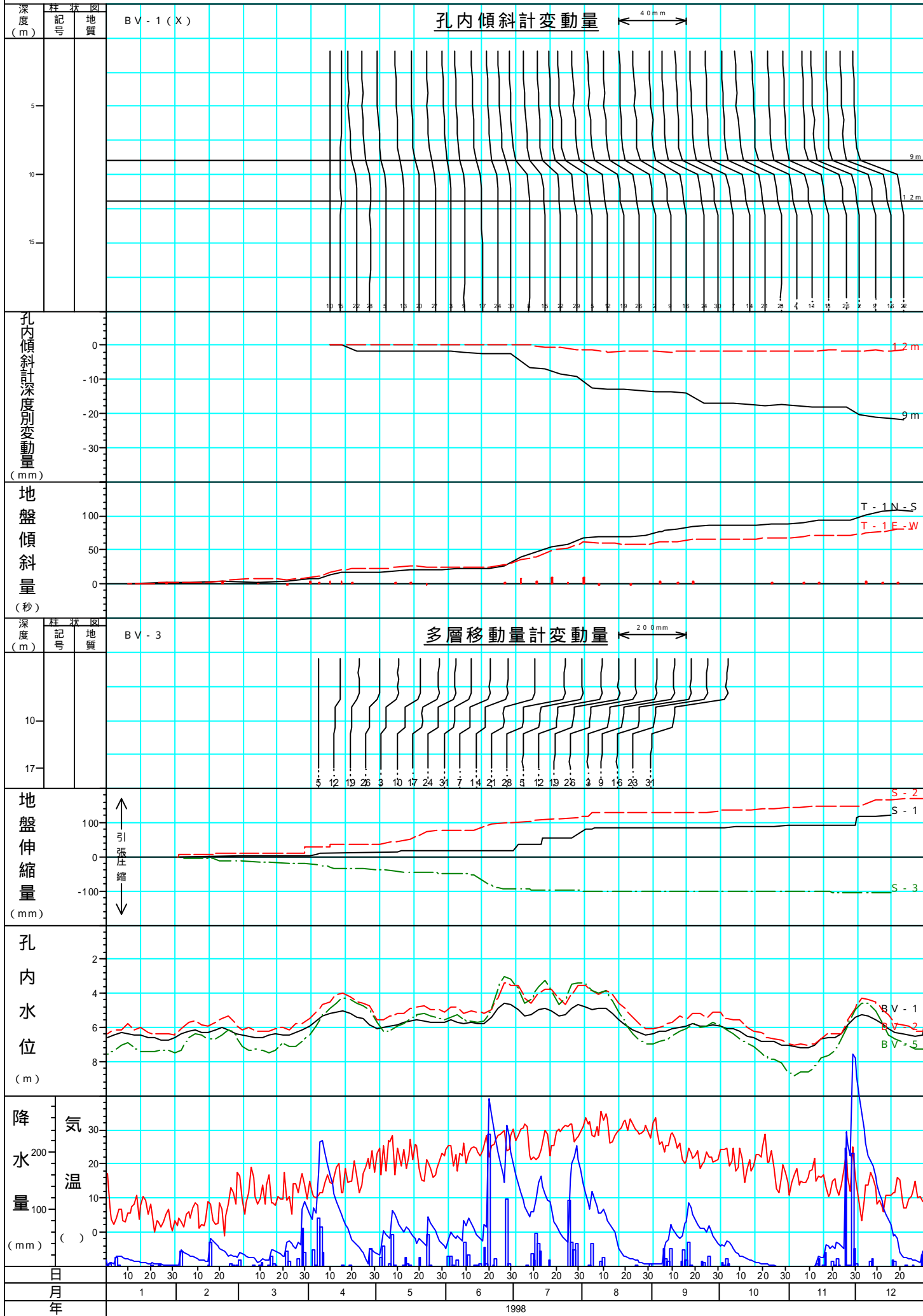


五大地区五大現場相關圖



孔内水位計算書

| | | | | | |
|-------|-------------------------|------|-----------|------|------------|
| 現場名 | 五大現場 | | | | |
| 測線名 | | | | | |
| ブロック名 | | | | | |
| 孔番号 | BV-1 | 孔口標高 | 200.000 m | 削孔深度 | 20.00 m |
| 最高水位 | 地表面下 3.93 m | 標高 | 196.07 m | 観測日 | 1999/ 1/ 2 |
| 最低水位 | 地表面下 7.19 m | 標高 | 192.81 m | 観測日 | 1998/11/ 9 |
| 平均水位 | 地表面下 5.94 m | 標高 | 194.06 m | | |
| 観測期間 | 1998/ 1/ 1 ~ 1999/ 1/17 | | | | |
| 備考 | | | | | |

| 観測年月日 | 水位(m) | | 変化量(m) | | 記 事 |
|------------|-------|--------|--------|------|-----|
| | 地表面下 | 標高 | 上昇 | 下降 | |
| 1998/ 1/ 1 | 6.64 | 193.36 | | | |
| 1998/ 1/ 4 | 6.45 | 193.55 | 0.19 | | |
| 1998/ 1/ 7 | 6.28 | 193.72 | 0.17 | | |
| 1998/ 1/10 | 6.35 | 193.65 | | 0.07 | |
| 1998/ 1/13 | 6.42 | 193.58 | | 0.07 | |
| 1998/ 1/16 | 6.48 | 193.52 | | 0.06 | |
| 1998/ 1/19 | 6.57 | 193.43 | | 0.09 | |
| 1998/ 1/22 | 6.62 | 193.38 | | 0.05 | |
| 1998/ 1/25 | 6.76 | 193.24 | | 0.14 | |
| 1998/ 1/28 | 6.78 | 193.22 | | 0.02 | |
| 1998/ 1/31 | 6.58 | 193.42 | 0.20 | | |
| 1998/ 2/ 3 | 6.35 | 193.65 | 0.23 | | |
| 1998/ 2/ 6 | 6.21 | 193.79 | 0.14 | | |
| 1998/ 2/ 9 | 6.16 | 193.84 | 0.05 | | |
| 1998/ 2/12 | 6.28 | 193.72 | | 0.12 | |
| 1998/ 2/15 | 6.29 | 193.71 | | 0.01 | |
| 1998/ 2/18 | 6.14 | 193.86 | 0.15 | | |
| 1998/ 2/21 | 6.03 | 193.97 | 0.11 | | |
| 1998/ 2/24 | 6.11 | 193.89 | | 0.08 | |
| 1998/ 2/27 | 6.37 | 193.63 | | 0.26 | |
| 1998/ 3/ 2 | 6.47 | 193.53 | | 0.10 | |
| 1998/ 3/ 5 | 6.51 | 193.49 | | 0.04 | |
| 1998/ 3/ 8 | 6.58 | 193.42 | | 0.07 | |
| 1998/ 3/11 | 6.57 | 193.43 | 0.01 | | |
| 1998/ 3/14 | 6.48 | 193.52 | 0.09 | | |
| 1998/ 3/17 | 6.36 | 193.64 | 0.12 | | |
| 1998/ 3/20 | 6.48 | 193.52 | | 0.12 | |
| 1998/ 3/23 | 6.47 | 193.53 | 0.01 | | |
| 1998/ 3/26 | 6.28 | 193.72 | 0.19 | | |
| 1998/ 3/29 | 6.19 | 193.81 | 0.09 | | |
| 1998/ 4/ 1 | 5.93 | 194.07 | 0.26 | | |
| 1998/ 4/ 4 | 5.61 | 194.39 | 0.32 | | |
| 1998/ 4/ 7 | 5.37 | 194.63 | 0.24 | | |
| 1998/ 4/10 | 5.22 | 194.78 | 0.15 | | |
| 1998/ 4/13 | 5.10 | 194.90 | 0.12 | | |
| 1998/ 4/15 | | | | | |
| 1998/ 4/16 | 5.06 | 194.94 | 0.04 | | |
| 1998/ 4/19 | 5.21 | 194.79 | | 0.15 | |
| 1998/ 4/22 | 5.41 | 194.59 | | 0.20 | |
| 1998/ 4/25 | 5.49 | 194.51 | | 0.08 | |

| 観測年月日 | 水位(m) | | 変化量(m) | | 記 事 |
|------------|-------|--------|--------|------|-----|
| | 地表面下 | 標高 | 上昇 | 下降 | |
| 1998/ 4/28 | 5.85 | 194.15 | | 0.36 | |
| 1998/ 5/ 1 | 6.09 | 193.91 | | 0.24 | |
| 1998/ 5/ 4 | 5.97 | 194.03 | 0.12 | | |
| 1998/ 5/ 7 | 5.90 | 194.10 | 0.07 | | |
| 1998/ 5/10 | 5.86 | 194.14 | 0.04 | | |
| 1998/ 5/13 | 5.74 | 194.26 | 0.12 | | |
| 1998/ 5/16 | 5.63 | 194.37 | 0.11 | | |
| 1998/ 5/19 | 5.58 | 194.42 | 0.05 | | |
| 1998/ 5/22 | 5.62 | 194.38 | | 0.04 | |
| 1998/ 5/25 | 5.69 | 194.31 | | 0.07 | |
| 1998/ 5/28 | 5.74 | 194.26 | | 0.05 | |
| 1998/ 5/31 | 5.69 | 194.31 | 0.05 | | |
| 1998/ 6/ 3 | 5.59 | 194.41 | 0.10 | | |
| 1998/ 6/ 6 | 5.72 | 194.28 | | 0.13 | |
| 1998/ 6/ 9 | 5.76 | 194.24 | | 0.04 | |
| 1998/ 6/12 | 5.72 | 194.28 | 0.04 | | |
| 1998/ 6/15 | 5.81 | 194.19 | | 0.09 | |
| 1998/ 6/18 | 5.77 | 194.23 | 0.04 | | |
| 1998/ 6/21 | 5.46 | 194.54 | 0.31 | | |
| 1998/ 6/24 | 4.89 | 195.11 | 0.57 | | |
| 1998/ 6/27 | 4.58 | 195.42 | 0.31 | | |
| 1998/ 6/30 | 4.70 | 195.30 | | 0.12 | |
| 1998/ 7/ 3 | 5.00 | 195.00 | | 0.30 | |
| 1998/ 7/ 6 | 5.34 | 194.66 | | 0.34 | |
| 1998/ 7/ 9 | 5.25 | 194.75 | 0.09 | | |
| 1998/ 7/12 | 4.95 | 195.05 | 0.30 | | |
| 1998/ 7/15 | 4.86 | 195.14 | 0.09 | | |
| 1998/ 7/18 | 5.04 | 194.96 | | 0.18 | |
| 1998/ 7/21 | 5.35 | 194.65 | | 0.31 | |
| 1998/ 7/24 | 5.28 | 194.72 | 0.07 | | |
| 1998/ 7/27 | 4.87 | 195.13 | 0.41 | | |
| 1998/ 7/30 | 4.67 | 195.33 | 0.20 | | |
| 1998/ 8/ 2 | 4.82 | 195.18 | | 0.15 | |
| 1998/ 8/ 5 | 4.95 | 195.05 | | 0.13 | |
| 1998/ 8/ 8 | 4.85 | 195.15 | 0.10 | | |
| 1998/ 8/11 | 4.88 | 195.12 | | 0.03 | |
| 1998/ 8/14 | 5.17 | 194.83 | | 0.29 | |
| 1998/ 8/17 | 5.53 | 194.47 | | 0.36 | |
| 1998/ 8/20 | 5.85 | 194.15 | | 0.32 | |
| 1998/ 8/23 | 6.13 | 193.87 | | 0.28 | |
| 1998/ 8/26 | 6.30 | 193.70 | | 0.17 | |
| 1998/ 8/29 | 6.43 | 193.57 | | 0.13 | |
| 1998/ 9/ 1 | 6.41 | 193.59 | 0.02 | | |
| 1998/ 9/ 4 | 6.27 | 193.73 | 0.14 | | |
| 1998/ 9/ 7 | 6.23 | 193.77 | 0.04 | | |
| 1998/ 9/10 | 6.10 | 193.90 | 0.13 | | |
| 1998/ 9/13 | 5.98 | 194.02 | 0.12 | | |
| 1998/ 9/16 | 5.91 | 194.09 | 0.07 | | |
| 1998/ 9/19 | 5.81 | 194.19 | 0.10 | | |
| 1998/ 9/22 | 5.93 | 194.07 | | 0.12 | |

孔内傾斜計計算書

| | | | | |
|-------|-------------------------|--|------|------------|
| 現場名 | 五大現場 | | | |
| 測線名 | | | 孔口標高 | 200.000 m |
| ブロック名 | | | 削孔深度 | 20.00 m |
| 孔番号 | BV-1 | | 基準日 | 1998/ 4/10 |
| 観測期間 | 1998/ 4/10 ~ 1998/ 4/15 | | | |
| 備考 | | | | |

孔内水位: 5.220 m (地表面下深度) 観測日: 1998/ 4/10 (基準日)
 補正係数: 1.00 記事:

| 深度 (m) | X_0 | X_{180} | 補正傾斜量 M (mm) | 基準傾斜量 M_0 (mm) | 変動量(M - M_0) M (mm) | 累積変動量 (mm) | Y_0 | Y_{180} | 補正傾斜量 M (mm) | 基準傾斜量 M_0 (mm) | 変動量(M - M_0) M (mm) | 累積変動量 (mm) |
|--------|---------|-----------|-----------------|---------------------|---------------------------|---------------|--------|-----------|-----------------|---------------------|---------------------------|---------------|
| 1.00 | -0.990 | 2.570 | -1.780 | | | | -0.130 | 1.270 | -0.700 | | | |
| 2.00 | -0.950 | 2.610 | -1.780 | | | | -0.110 | 1.420 | -0.765 | | | |
| 3.00 | -2.490 | 4.410 | -3.450 | | | | -2.160 | 3.670 | -2.915 | | | |
| 4.00 | -3.130 | 4.560 | -3.845 | | | | -3.010 | 3.980 | -3.495 | | | |
| 5.00 | -1.190 | 2.980 | -2.085 | | | | -0.310 | 1.510 | -0.910 | | | |
| 6.00 | 1.140 | -0.400 | 0.770 | | | | -0.710 | 1.660 | -1.185 | | | |
| 7.00 | 2.210 | -0.720 | 1.465 | | | | -1.300 | 2.400 | -1.850 | | | |
| 8.00 | 0.480 | 2.530 | -1.025 | | | | -1.460 | 3.310 | -2.385 | | | |
| 9.00 | -13.800 | 14.770 | -14.285 | | | | -5.060 | 6.540 | -5.800 | | | |
| 10.00 | 4.560 | -2.960 | 3.760 | | | | -1.470 | 2.240 | -1.855 | | | |
| 11.00 | 3.310 | -1.850 | 2.580 | | | | -1.170 | 2.350 | -1.760 | | | |
| 12.00 | 2.550 | -0.910 | 1.730 | | | | 0.420 | 0.370 | 0.025 | | | |
| 13.00 | 2.680 | -1.020 | 1.850 | | | | 0.360 | 0.370 | -0.005 | | | |
| 14.00 | 2.730 | -1.200 | 1.965 | | | | 1.110 | 0.100 | 0.505 | | | |
| 15.00 | 3.300 | -1.760 | 2.530 | | | | 0.020 | 0.760 | -0.370 | | | |
| 16.00 | 3.440 | -1.750 | 2.595 | | | | 0.320 | 0.600 | -0.140 | | | |
| 17.00 | 3.540 | -2.150 | 2.845 | | | | -0.410 | 1.530 | -0.970 | | | |
| 18.00 | 3.960 | -2.540 | 3.250 | | | | -0.460 | 0.780 | -0.620 | | | |
| 19.00 | 4.050 | -2.420 | 3.235 | | | | 0.840 | -0.430 | 0.635 | | | |
| 20.00 | 3.680 | -2.220 | 2.950 | | | | 2.100 | -1.510 | 1.805 | | | |
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補正傾斜量 = { $X_0 - X_{180}$ (もしくは $Y_0 - Y_{180}$) } / $2 \times$ 補正係数。累積変動量は Mを孔底から累積させた値。

孔番号: BV-1
 基準日: 1998/ 4/10

孔内水位: m (地表面下深度)
 補正係数: 1.00

観測日: 1998/ 4/15
 記事:

| 深度 (m) | X ₀ | X ₁₈₀ | 補正傾斜量 M(mm) | 基準傾斜量 M ₀ (mm) | 変動量(M - M ₀) M(mm) | 累積変動量 (mm) | Y ₀ | Y ₁₈₀ | 補正傾斜量 M(mm) | 基準傾斜量 M ₀ (mm) | 変動量(M - M ₀) M(mm) | 累積変動量 (mm) |
|-----------|----------------|------------------|----------------|------------------------------|-----------------------------------|---------------|----------------|------------------|----------------|------------------------------|-----------------------------------|---------------|
| 1.00 | -0.990 | 2.620 | -1.805 | -1.780 | -0.025 | 0.035 | 0.350 | 0.950 | -0.300 | -0.700 | 0.400 | 2.765 |
| 2.00 | -1.010 | 2.670 | -1.840 | -1.780 | -0.060 | 0.060 | 0.030 | 1.380 | -0.675 | -0.765 | 0.090 | 2.365 |
| 3.00 | -2.410 | 4.390 | -3.400 | -3.450 | 0.050 | 0.120 | -2.350 | 3.230 | -2.790 | -2.915 | 0.125 | 2.275 |
| 4.00 | -3.090 | 4.560 | -3.825 | -3.845 | 0.020 | 0.070 | -2.450 | 3.510 | -2.980 | -3.495 | 0.515 | 2.150 |
| 5.00 | -1.170 | 3.070 | -2.120 | -2.085 | -0.035 | 0.050 | -0.180 | 0.980 | -0.580 | -0.910 | 0.330 | 1.635 |
| 6.00 | 1.050 | -0.430 | 0.740 | 0.770 | -0.030 | 0.085 | -0.680 | 1.780 | -1.230 | -1.185 | -0.045 | 1.305 |
| 7.00 | 2.510 | -0.930 | 1.720 | 1.465 | 0.255 | 0.115 | -0.950 | 2.080 | -1.515 | -1.850 | 0.335 | 1.350 |
| 8.00 | 0.550 | 2.540 | -0.995 | -1.025 | 0.030 | -0.140 | -1.380 | 3.140 | -2.260 | -2.385 | 0.125 | 1.015 |
| 9.00 | -13.750 | 14.690 | -14.220 | -14.285 | 0.065 | -0.170 | -5.040 | 5.580 | -5.310 | -5.800 | 0.490 | 0.890 |
| 10.00 | 4.600 | -3.030 | 3.815 | 3.760 | 0.055 | -0.235 | -1.570 | 2.260 | -1.915 | -1.855 | -0.060 | 0.400 |
| 11.00 | 3.150 | -1.380 | 2.265 | 2.580 | -0.315 | -0.290 | -0.430 | 1.890 | -1.160 | -1.760 | 0.600 | 0.460 |
| 12.00 | 2.600 | -1.010 | 1.805 | 1.730 | 0.075 | 0.025 | 0.360 | 0.350 | 0.005 | 0.025 | -0.020 | -0.140 |
| 13.00 | 2.630 | -1.050 | 1.840 | 1.850 | -0.010 | -0.050 | 0.260 | 0.360 | -0.050 | -0.005 | -0.045 | -0.120 |
| 14.00 | 2.660 | -1.280 | 1.970 | 1.965 | 0.005 | -0.040 | 1.010 | 0.080 | 0.465 | 0.505 | -0.040 | -0.075 |
| 15.00 | 3.250 | -1.830 | 2.540 | 2.530 | 0.010 | -0.045 | -0.020 | 0.820 | -0.420 | -0.370 | -0.050 | -0.035 |
| 16.00 | 3.480 | -1.690 | 2.585 | 2.595 | -0.010 | -0.055 | 0.380 | 0.670 | -0.145 | -0.140 | -0.005 | 0.015 |
| 17.00 | 3.500 | -2.230 | 2.865 | 2.845 | 0.020 | -0.045 | -0.510 | 1.470 | -0.990 | -0.970 | -0.020 | 0.020 |
| 18.00 | 4.040 | -2.460 | 3.250 | 3.250 | 0.000 | -0.065 | -0.390 | 0.840 | -0.615 | -0.620 | 0.005 | 0.040 |
| 19.00 | 4.110 | -2.320 | 3.215 | 3.235 | -0.020 | -0.065 | 0.820 | -0.510 | 0.665 | 0.635 | 0.030 | 0.035 |
| 20.00 | 3.580 | -2.230 | 2.905 | 2.950 | -0.045 | -0.045 | 2.130 | -1.490 | 1.810 | 1.805 | 0.005 | 0.005 |
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補正傾斜量 = { X₀ - X₁₈₀ (もしくは Y₀ - Y₁₈₀) } / 2 × 補正係数。累積変動量は Mを孔底から累積させた値。

孔内傾斜計計算書

| | | | | | | | |
|-------|-------------------------|------|------------|-----|--|------|---|
| 現場名 | 五大現場 | | | 測線名 | | 孔口標高 | m |
| ブロック名 | | 削孔深度 | 11.00 m | | | | |
| 孔番号 | BV-8 | 基準日 | 1998/ 4/10 | | | | |
| 観測期間 | 1998/ 4/10 ~ 1998/ 8/ 5 | | | | | | |
| 備考 | | | | | | | |

補正係数: 1.00

観測日: 1998/ 4/10 (基準日)
記事:

| 深度 (m) | X ₀ | X ₁₈₀ | 傾斜量 (mm) | | 変動量 (mm) | | | | Y ₀ | Y ₁₈₀ | 傾斜量 (mm) | | 変動量 (mm) | | | 累積変動量 (mm) |
|-----------|----------------|------------------|----------|-----------------------|--------------------------|-----------|------|---------------|----------------|------------------|----------|-----------------------|--------------------------|-----------|------|---------------|
| | | | 補正量 M | 基準量 M ₀ | (M-M ₀) M | 測定誤差 s | M+ s | 累積変動量 (mm) | | | 補正量 M | 基準量 M ₀ | (M-M ₀) M | 計測誤差 s | M+ s | |
| 1.00 | -0.990 | 2.570 | -1.780 | | | | | | -0.130 | 1.270 | -0.700 | | | | | |
| 1.50 | -0.950 | 2.610 | -1.780 | | | | | | -0.110 | 1.420 | -0.765 | | | | | |
| 2.00 | -2.490 | 4.410 | -3.450 | | | | | | -2.160 | 3.670 | -2.915 | | | | | |
| 2.50 | -3.130 | 4.560 | -3.845 | | | | | | -3.010 | 3.980 | -3.495 | | | | | |
| 3.00 | -1.190 | 2.980 | -2.085 | | | | | | -0.310 | 1.510 | -0.910 | | | | | |
| 3.50 | 1.140 | -0.400 | 0.770 | | | | | | -0.710 | 1.660 | -1.185 | | | | | |
| 4.00 | 2.210 | -0.720 | 1.465 | | | | | | -1.300 | 2.400 | -1.850 | | | | | |
| 4.50 | 0.480 | 2.530 | -1.025 | | | | | | -1.460 | 3.310 | -2.385 | | | | | |
| 5.00 | -13.800 | 14.770 | -14.285 | | | | | | -5.060 | 6.540 | -5.800 | | | | | |
| 5.50 | 4.560 | -2.960 | 3.760 | | | | | | -1.470 | 2.240 | -1.855 | | | | | |
| 6.00 | 3.310 | -1.850 | 2.580 | | | | | | -1.170 | 2.350 | -1.760 | | | | | |
| 6.50 | 2.550 | -0.910 | 1.730 | | | | | | 0.420 | 0.370 | 0.025 | | | | | |
| 7.00 | 2.680 | -1.020 | 1.850 | | | | | | 0.360 | 0.370 | -0.005 | | | | | |
| 7.50 | 2.730 | -1.200 | 1.965 | | | | | | 1.110 | 0.100 | 0.505 | | | | | |
| 8.00 | 3.300 | -1.760 | 2.530 | | | | | | 0.020 | 0.760 | -0.370 | | | | | |
| 8.50 | 3.440 | -1.750 | 2.595 | | | | | | 0.320 | 0.600 | -0.140 | | | | | |
| 9.00 | 3.540 | -2.150 | 2.845 | | | | | | -0.410 | 1.530 | -0.970 | | | | | |
| 9.50 | 3.960 | -2.540 | 3.250 | | | | | | -0.460 | 0.780 | -0.620 | | | | | |
| 10.00 | 4.050 | -2.420 | 3.235 | | | | | | 0.840 | -0.430 | 0.635 | | | | | |
| 10.50 | 3.680 | -2.220 | 2.950 | | | | | | 2.100 | -1.510 | 1.805 | | | | | |
| | | | | | | | | | | | | | | | | |
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補正傾斜量 = { X₀ - X₁₈₀ (もしくは Y₀ - Y₁₈₀) } / 2 × 補正係数。累積変動量は計測誤差を加味した変動量 (M+ s) を孔底から累積させた値。
測定誤差は 50cmピッチの測定の場合のみ考慮できます。(この場合以外ではデータに正しく反映されません。)

孔番号: BV-8
 基準日: 1998/ 4/10

補正係数: 1.00

観測日: 1998/ 6/ 3
 記 事:

| 深度 (m) | X_0 | X_{180} | 傾斜量 (mm) | | 変動量 (mm) | | | 累積変動量 (mm) | Y_0 | Y_{180} | 傾斜量 (mm) | | 変動量 (mm) | | | 累積変動量 (mm) |
|-----------|---------|-----------|----------|--------------|----------------|-----------|--------|---------------|--------|-----------|----------|----------|--------------|----------------|-----------|---------------|
| | | | 補正量 M | 基準量 M_0 | $(M-M_0)$ M | 測定誤差 s | M+ | | | | s | 補正量 M | 基準量 M_0 | $(M-M_0)$ M | 計測誤差 s | |
| 1.00 | -1.030 | 2.640 | -1.835 | -1.780 | -0.055 | 0.021 | -0.034 | -4.513 | 0.600 | 0.930 | -0.165 | -0.700 | 0.535 | -0.015 | 0.520 | 2.549 |
| 1.50 | -1.180 | 2.850 | -2.015 | -1.780 | -0.235 | 0.021 | -0.214 | -4.479 | 0.330 | 1.040 | -0.355 | -0.765 | 0.410 | -0.015 | 0.395 | 2.029 |
| 2.00 | -2.770 | 4.800 | -3.785 | -3.450 | -0.335 | 0.021 | -0.314 | -4.265 | -1.410 | 3.490 | -2.450 | -2.915 | 0.465 | -0.015 | 0.450 | 1.633 |
| 2.50 | -3.150 | 4.390 | -3.770 | -3.845 | 0.075 | 0.021 | 0.096 | -3.952 | -2.910 | 4.060 | -3.485 | -3.495 | 0.010 | -0.015 | -0.005 | 1.183 |
| 3.00 | -1.850 | 3.560 | -2.705 | -2.085 | -0.620 | 0.021 | -0.599 | -4.048 | -0.010 | 1.620 | -0.815 | -0.910 | 0.095 | -0.015 | 0.080 | 1.187 |
| 3.50 | 0.590 | -0.330 | 0.460 | 0.770 | -0.310 | 0.021 | -0.289 | -3.450 | 0.580 | 1.810 | -0.615 | -1.185 | 0.570 | -0.015 | 0.555 | 1.107 |
| 4.00 | 2.430 | -0.150 | 1.290 | 1.465 | -0.175 | 0.021 | -0.154 | -3.161 | -0.300 | 1.040 | -0.670 | -1.850 | 1.180 | -0.015 | 1.165 | 0.551 |
| 4.50 | -0.580 | 3.840 | -2.210 | -1.025 | -1.185 | 0.021 | -1.164 | -3.007 | -1.720 | 2.930 | -2.325 | -2.385 | 0.060 | -0.015 | 0.045 | -0.614 |
| 5.00 | -16.710 | 15.590 | -16.150 | -14.285 | -1.865 | 0.021 | -1.844 | -1.844 | -6.190 | 6.700 | -6.445 | -5.800 | -0.645 | -0.015 | -0.660 | -0.660 |
| 5.50 | 4.420 | -2.060 | 3.240 | 3.760 | -0.520 | 0.021 | -0.499 | 0.000 | -1.650 | 2.420 | -2.035 | -1.855 | -0.180 | -0.015 | -0.195 | 0.000 |
| 6.00 | 2.670 | -2.550 | 2.610 | 2.580 | 0.030 | 0.021 | 0.051 | 0.499 | -0.840 | 2.130 | -1.485 | -1.760 | 0.275 | -0.015 | 0.260 | 0.195 |
| 6.50 | 2.620 | -0.900 | 1.760 | 1.730 | 0.030 | 0.021 | 0.051 | 0.447 | 0.490 | 0.320 | 0.085 | 0.025 | 0.060 | -0.015 | 0.045 | -0.066 |
| 7.00 | 2.720 | -1.090 | 1.905 | 1.850 | 0.055 | 0.021 | 0.076 | 0.396 | 0.450 | 0.440 | 0.005 | -0.005 | 0.010 | -0.015 | -0.005 | -0.111 |
| 7.50 | 2.770 | -1.220 | 1.995 | 1.965 | 0.030 | 0.021 | 0.051 | 0.320 | 1.090 | 0.150 | 0.470 | 0.505 | -0.035 | -0.015 | -0.050 | -0.107 |
| 8.00 | 3.300 | -1.750 | 2.525 | 2.530 | -0.005 | 0.021 | 0.016 | 0.268 | 0.110 | 0.760 | -0.325 | -0.370 | 0.045 | -0.015 | 0.030 | -0.057 |
| 8.50 | 3.390 | -1.820 | 2.605 | 2.595 | 0.010 | 0.021 | 0.031 | 0.252 | 0.220 | 0.600 | -0.190 | -0.140 | -0.050 | -0.015 | -0.065 | -0.088 |
| 9.00 | 3.470 | -2.200 | 2.835 | 2.845 | -0.010 | 0.021 | 0.011 | 0.220 | -0.410 | 1.560 | -0.985 | -0.970 | -0.015 | -0.015 | -0.030 | -0.023 |
| 9.50 | 4.050 | -2.560 | 3.305 | 3.250 | 0.055 | 0.021 | 0.076 | 0.209 | -0.390 | 0.820 | -0.605 | -0.620 | 0.015 | -0.015 | 0.000 | 0.006 |
| 10.00 | 4.080 | -2.480 | 3.280 | 3.235 | 0.045 | 0.021 | 0.066 | 0.133 | 0.920 | -0.440 | 0.680 | 0.635 | 0.045 | -0.015 | 0.030 | 0.006 |
| 10.50 | 3.700 | -2.290 | 2.995 | 2.950 | 0.045 | 0.021 | 0.066 | 0.066 | 2.070 | -1.520 | 1.795 | 1.805 | -0.010 | -0.015 | -0.025 | -0.025 |
| | | | | | | | | | | | | | | | | |
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補正傾斜量 = { $X_0 - X_{180}$ (もしくは $Y_0 - Y_{180}$) } / 2 × 補正係数。累積変動量は計測誤差を加味した変動量 (M+ s) を孔底から累積させた値。
 測定誤差は 50cmピッチの測定の場合のみ考慮できます。(この場合以外ではデータに正しく反映されません。)

地盤傾斜計計算書

| | | | |
|--------|-------------------------|--------|-----------------------|
| 現場名 | 五大現場 | | |
| 測線名 | C測線 | | |
| ブロック名 | Bブロック | | |
| 計器名 | T-1 | 計器標高 | m |
| 設置位置 | | 日平均傾斜量 | 0.36 ± 0.42 (= ±標準偏差) |
| 傾斜運動方向 | S36° 33' W | 補正係数 | 1.0 |
| 観測期間 | 1998/ 1/10 ~ 1998/12/26 | 主脚方向 | N, E |
| 備考 | Bブロック頭部 | | |

| 観測年月日 | 経過 日数 | N-S方向傾斜 変動量 x(秒) | E-W方向傾斜 変動量 y(秒) | 最大傾斜角 = $\sqrt{x^2 + y^2}$ | N-S方向傾斜 累積変動量 X(秒) | E-W方向傾斜 累積変動量 Y(秒) | 傾斜運動方向 | 記 事 |
|------------|----------|---------------------|---------------------|-------------------------------|-----------------------|-----------------------|------------|--------|
| 1998/ 1/10 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 1998/ 1/27 | 17 | 1.0 | 1.0 | 1.4 | 1.0 | 1.0 | S45° 0' W | |
| 1998/ 2/ 7 | 28 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | S45° 0' W | |
| 1998/ 2/21 | 42 | 2.0 | 3.0 | 3.6 | 3.0 | 4.0 | S53° 7' W | |
| 1998/ 3/ 9 | 58 | -1.0 | 2.0 | 2.2 | 2.0 | 6.0 | S71° 34' W | |
| 1998/ 3/22 | 71 | 2.0 | -1.0 | 2.2 | 4.0 | 5.0 | S51° 20' W | |
| 1998/ 4/ 1 | 81 | 2.0 | 3.0 | 3.6 | 6.0 | 8.0 | S53° 7' W | |
| 1998/ 4/ 5 | 85 | 1.0 | 2.0 | 2.2 | 7.0 | 10.0 | S55° 0' W | |
| 1998/ 4/10 | 90 | 4.0 | 3.0 | 5.0 | 11.0 | 13.0 | S49° 45' W | |
| 1998/ 4/15 | 95 | 2.0 | 4.0 | 4.5 | 13.0 | 17.0 | S52° 35' W | |
| 1998/ 4/20 | 100 | 1.0 | 1.0 | 1.4 | 14.0 | 18.0 | S52° 7' W | |
| 1998/ 5/ 2 | 112 | 0.0 | 0.0 | 0.0 | 14.0 | 18.0 | S52° 7' W | |
| 1998/ 5/ 9 | 119 | 2.0 | 2.0 | 2.8 | 16.0 | 20.0 | S51° 20' W | |
| 1998/ 5/16 | 126 | 1.0 | 2.0 | 2.2 | 17.0 | 22.0 | S52° 18' W | |
| 1998/ 5/23 | 133 | 0.0 | -1.0 | 1.0 | 17.0 | 21.0 | S51° 0' W | |
| 1998/ 5/30 | 140 | 0.0 | 0.0 | 0.0 | 17.0 | 21.0 | S51° 0' W | |
| 1998/ 6/ 6 | 147 | 1.0 | 0.0 | 1.0 | 18.0 | 21.0 | S49° 24' W | |
| 1998/ 6/13 | 154 | 0.0 | 0.0 | 0.0 | 18.0 | 21.0 | S49° 24' W | |
| 1998/ 6/20 | 161 | 0.0 | 0.0 | 0.0 | 18.0 | 21.0 | S49° 24' W | |
| 1998/ 6/27 | 168 | 4.0 | 2.0 | 4.5 | 22.0 | 23.0 | S46° 16' W | |

変動量x,yは補正係数を掛けた後の値です。

日平均傾斜量の式

| | | | |
|--|--|--|---|
| $\bar{x} = \frac{\sum_{i=1}^n x_i}{n}$ | $\bar{y} = \frac{\sum_{i=1}^n y_i}{n}$ | $\sigma = \sqrt{\frac{\sum_{i=1}^n (x_i - \bar{x})^2 + (y_i - \bar{y})^2}{n}}$ | <p>n : 経過日数 i : 観測回数(第i回目の観測) x, y : 1日当りの最大傾斜角の変動量</p> |
|--|--|--|---|

地盤伸縮計計算書

| | | | |
|-------|-------------------------|------|---|
| 現場名 | 五大現場 | | |
| 測線名 | | | |
| ブロック名 | | | |
| 計器名 | S-1 | | |
| 設置位置 | | 計器標高 | m |
| 累積変動量 | 120.00 mm (引張方向) | | |
| 観測期間 | 1998/ 2/ 2 ~ 1998/12/16 | | |
| 備考 | | | |

| 観測年月日 | 日変動量 (mm) | | 累積変動量 (mm) | 記 事 |
|------------|-----------|------|------------|-----|
| | 引張 T | 圧縮 C | | |
| 1998/ 2/ 2 | 0.0 | | 0.0 | |
| 1998/ 3/ 1 | 1.0 | | 1.0 | |
| 1998/ 4/ 1 | 0.2 | | 1.2 | |
| 1998/ 4/ 4 | 4.0 | | 5.2 | |
| 1998/ 4/ 6 | 5.8 | | 11.0 | |
| 1998/ 5/10 | 0.5 | | 11.5 | |
| 1998/ 5/12 | 6.5 | | 18.0 | |
| 1998/ 6/22 | 1.0 | | 19.0 | |
| 1998/ 7/ 1 | 0.0 | | 19.0 | |
| 1998/ 7/ 3 | 16.0 | | 35.0 | |
| 1998/ 7/10 | 1.0 | | 36.0 | |
| 1998/ 7/11 | 0.0 | | 36.0 | |
| 1998/ 7/12 | 0.5 | | 36.5 | |
| 1998/ 7/13 | 0.0 | | 36.5 | |
| 1998/ 7/14 | 16.5 | | 53.0 | |
| 1998/ 7/15 | 0.0 | | 53.0 | |
| 1998/ 7/27 | 0.0 | | 53.0 | |
| 1998/ 8/ 2 | 29.0 | | 82.0 | |
| 1998/ 8/ 3 | 0.0 | | 82.0 | |
| 1998/ 8/ 5 | 1.0 | | 83.0 | |
| 1998/ 8/ 6 | 1.0 | | 84.0 | |
| 1998/ 8/16 | 0.0 | | 84.0 | |
| 1998/ 8/17 | 1.0 | | 85.0 | |
| 1998/ 8/18 | 0.0 | | 85.0 | |
| 1998/ 8/20 | 0.0 | | 85.0 | |
| 1998/ 8/29 | 0.0 | | 85.0 | |
| 1998/ 9/25 | 0.2 | | 85.2 | |
| 1998/10/ 1 | 0.3 | | 85.5 | |
| 1998/10/ 3 | 0.5 | | 86.0 | |
| 1998/10/ 8 | 0.3 | | 86.3 | |
| 1998/10/10 | 0.4 | | 86.7 | |
| 1998/10/15 | 1.3 | | 88.0 | |
| 1998/10/18 | 1.0 | | 89.0 | |
| 1998/10/21 | 0.9 | | 89.9 | |
| 1998/10/25 | 0.1 | | 90.0 | |
| 1998/10/31 | 1.0 | | 91.0 | |
| 1998/11/ 5 | 0.0 | | 91.0 | |
| 1998/11/11 | | 0.5 | 90.5 | |
| 1998/11/18 | 0.5 | | 91.0 | |
| 1998/11/19 | 0.0 | | 91.0 | |

変動量は引張方向を +、圧縮方向を - としています。

降水量計算書

| | | | |
|--------|-------------------------|-----|------------|
| 現場名 | 五大現場 | | |
| 計器名 | R-1 | | |
| 観測地点名 | 五大地方気象観測所 | | |
| 観測地点標高 | m | | |
| 観測地点座標 | 北緯 35度20分25秒 | 東経 | 36度25分50秒 |
| 最大降水量 | 83.0 (mm/日) | 観測日 | 1998/ 4/ 5 |
| 平均降水量 | 4.4 (mm/日) | | |
| 観測期間 | 1998/ 1/ 1 ~ 1998/ 4/28 | | |
| 備考 | | | |

| 観測年月日 | 降水量 (mm/日) | 累積降水量 (mm) | 記 事 |
|------------|---------------|---------------|-----|
| 1998/ 1/ 1 | 2.0 | 2.0 | |
| 1998/ 1/ 2 | 4.0 | 6.0 | |
| 1998/ 1/ 5 | 14.0 | 20.0 | |
| 1998/ 1/ 6 | 2.0 | 22.0 | |
| 1998/ 1/21 | 2.0 | 24.0 | |
| 1998/ 1/24 | 1.0 | 25.0 | |
| 1月 合計 | | 25.0 | |
| 1998/ 2/ 3 | 27.0 | 27.0 | |
| 1998/ 2/15 | 1.0 | 28.0 | |
| 1998/ 2/16 | 41.0 | 69.0 | |
| 1998/ 2/25 | 3.0 | 72.0 | |
| 1998/ 2/26 | 1.0 | 73.0 | |
| 1998/ 2/28 | 1.0 | 74.0 | |
| 2月 合計 | | 74.0 | |
| 1998/ 3/ 1 | 10.0 | 10.0 | |
| 1998/ 3/ 7 | 1.0 | 11.0 | |
| 1998/ 3/10 | 2.0 | 13.0 | |
| 1998/ 3/11 | 6.0 | 19.0 | |
| 1998/ 3/14 | 2.0 | 21.0 | |
| 1998/ 3/15 | 17.0 | 38.0 | |
| 1998/ 3/16 | 3.0 | 41.0 | |
| 1998/ 3/17 | 1.0 | 42.0 | |
| 1998/ 3/22 | 27.0 | 69.0 | |
| 1998/ 3/23 | 7.0 | 76.0 | |
| 1998/ 3/27 | 12.0 | 88.0 | |
| 1998/ 3/29 | 67.0 | 155.0 | |
| 1998/ 3/30 | 24.0 | 179.0 | |
| 3月 合計 | | 179.0 | |
| 1998/ 4/ 3 | 29.0 | 29.0 | |
| 1998/ 4/ 4 | 1.0 | 30.0 | |
| 1998/ 4/ 5 | 83.0 | 113.0 | |
| 1998/ 4/ 6 | 70.0 | 183.0 | |
| 1998/ 4/ 7 | 24.0 | 207.0 | |
| 1998/ 4/16 | 1.0 | 208.0 | |
| 1998/ 4/19 | 1.0 | 209.0 | |
| 1998/ 4/28 | 30.0 | 239.0 | |
| 4月 合計 | | 239.0 | |
| | | | |
| | | | |
| | | | |

気象年報(降水量)

1998年 1月 1日 ~ 1998年12月31日

単位 :mm

| | | | | |
|-------|-----------|--------|----|-----------|
| 現場名 | 五大現場 | 観測地点標高 | m | |
| 計器名 | R-1 | 観測地点座標 | 北緯 | 35度20分25秒 |
| 観測地点名 | 五大地方気象観測所 | | 東経 | 36度25分50秒 |
| 備考 | | | | |

| | | 1998年・1月 | 2月 | 3月 | 4月 | 5月 | 6月 | 7月 | 8月 | 9月 | 10月 | 11月 | 12月 |
|----------|---------------|----------|------|-------|-------|-------|-------|-------|------|-------|------|-------|------|
| 日 | 1 | 2.0 | | 10.0 | | | | | | | | | 3.0 |
| | 2 | 4.0 | | | | | 17.0 | | | | 6.0 | | |
| | 3 | | 27.0 | | 29.0 | 14.0 | 18.0 | | | | 1.0 | | |
| | 4 | | | | 1.0 | 34.0 | 2.0 | | | | 13.0 | | |
| | 5 | 14.0 | | | 83.0 | | | | 1.0 | | 4.0 | | |
| | 6 | 2.0 | | | 70.0 | | 11.0 | | | | 31.0 | | |
| | 7 | | | 1.0 | 24.0 | 3.0 | | 2.0 | | | 12.0 | | 9.0 |
| | 8 | | | | | 55.0 | | | | | 9.0 | | 13.0 |
| | 9 | | | | | 1.0 | 41.0 | 21.0 | 8.0 | 31.0 | | | |
| | 10 | | | 2.0 | | | | 11.0 | 16.0 | | | | |
| 付 | 11 | | | 6.0 | | | 20.0 | 58.0 | | | | | |
| | 12 | | | | | | | 40.0 | | | | | |
| | 13 | | | | | 1.0 | | 26.0 | | | | 4.0 | |
| | 14 | | | 2.0 | | 14.0 | 1.0 | | | 9.0 | | 13.0 | |
| | 15 | | 1.0 | 17.0 | | 3.0 | 2.0 | | | 28.0 | | | |
| | 16 | | 41.0 | 3.0 | 1.0 | 1.0 | 3.0 | | | 10.0 | | 1.0 | |
| | 17 | | | 1.0 | | | | 10.0 | | 41.0 | | 25.0 | 10.0 |
| | 18 | | | | | | | 33.0 | | 2.0 | | | 7.0 |
| | 19 | | | | 1.0 | | | 4.0 | | | | | |
| | 20 | | | | | 14.0 | 231.0 | | | | | | |
| 日 | 21 | 2.0 | | | | | | | | | | 1.0 | |
| | 22 | | | 27.0 | | | 1.0 | | | | | 12.0 | |
| | 23 | | | 7.0 | | | 13.0 | | | 7.0 | | 2.0 | 1.0 |
| | 24 | 1.0 | | | | 56.0 | | | | 6.0 | | | |
| | 25 | | 3.0 | | | 1.0 | | | 2.0 | | | | |
| | 26 | | 1.0 | | | | | 115.0 | | 17.0 | | 208.0 | 1.0 |
| | 27 | | | 12.0 | | | | 43.0 | | | | 1.0 | |
| | 28 | | 1.0 | | 30.0 | | | 117.0 | | | | 1.0 | |
| | 29 | | | 67.0 | | | | 4.0 | | | | 198.0 | |
| | 30 | | | 24.0 | | | | | | | | 31.0 | 20.0 |
| 31 | | | | | | | | 4.0 | | | | | |
| 最大日降水量 | | 14.0 | 41.0 | 67.0 | 83.0 | 56.0 | 231.0 | 115.0 | 40.0 | 41.0 | 13.0 | 208.0 | 20.0 |
| 最大1時間降水量 | | 5 | 16 | 29 | 5 | 24 | 20 | 26 | 5 | 17 | 4 | 26 | 30 |
| 旬合計 | | | | | | | | | | | | | |
| 上旬 | | 22.0 | 27.0 | 13.0 | 207.0 | 107.0 | 89.0 | 34.0 | 65.0 | 83.0 | 24.0 | 0.0 | 25.0 |
| 中旬 | | 0.0 | 42.0 | 29.0 | 2.0 | 33.0 | 294.0 | 134.0 | 0.0 | 90.0 | 0.0 | 50.0 | 17.0 |
| 下旬 | | 3.0 | 5.0 | 137.0 | 30.0 | 57.0 | 135.0 | 227.0 | 6.0 | 30.0 | 0.0 | 454.0 | 22.0 |
| 月合計 | | 25.0 | 74.0 | 179.0 | 239.0 | 197.0 | 518.0 | 395.0 | 71.0 | 203.0 | 24.0 | 504.0 | 64.0 |
| 日数 | 0.1mm ~ 9.9mm | 5日 | 4日 | 7日 | 3日 | 6日 | 7日 | 1日 | 4日 | 5日 | 3日 | 7日 | 5日 |
| | 10mm ~ 29.9mm | 1日 | 1日 | 5日 | 2日 | 3日 | 5日 | 5日 | 1日 | 4日 | 1日 | 3日 | 3日 |
| | 30mm ~ | 0日 | 1日 | 1日 | 3日 | 3日 | 4日 | 5日 | 1日 | 3日 | 0日 | 3日 | 0日 |

実効雨量計算書

| | | | |
|--------|-------------------------|--------------|----|
| 現場名 | 五大現場 | | |
| 計器名 | R-1 | | |
| 観測地点名 | 五大地方気象観測所 | | |
| 観測地点標高 | m | | |
| 観測地点座標 | 北緯 35度20分25秒 | 東経 36度25分50秒 | |
| 解析期間 | 1998/ 1/31 ~ 1998/ 2/28 | | |
| 実効雨量解析 | 逡減係数 0.90 | 累積日数 n | 30 |
| 備考 | | | |

| 観測年月日 | 降水量(mm/日) | 実効雨量(mm) | 記 事 |
|------------|-----------|----------|-----|
| 1998/ 1/ 1 | 2.0 | | |
| 1998/ 1/ 2 | 4.0 | | |
| 1998/ 1/ 3 | | | |
| 1998/ 1/ 4 | | | |
| 1998/ 1/ 5 | 14.0 | | |
| 1998/ 1/ 6 | 2.0 | | |
| 1998/ 1/ 7 | | | |
| 1998/ 1/ 8 | | | |
| 1998/ 1/ 9 | | | |
| 1998/ 1/10 | | | |
| 1998/ 1/11 | | | |
| 1998/ 1/12 | | | |
| 1998/ 1/13 | | | |
| 1998/ 1/14 | | | |
| 1998/ 1/15 | | | |
| 1998/ 1/16 | | | |
| 1998/ 1/17 | | | |
| 1998/ 1/18 | | | |
| 1998/ 1/19 | | | |
| 1998/ 1/20 | | | |
| 1998/ 1/21 | 2.0 | | |
| 1998/ 1/22 | | | |
| 1998/ 1/23 | | | |
| 1998/ 1/24 | 1.0 | | |
| 1998/ 1/25 | | | |
| 1998/ 1/26 | | | |
| 1998/ 1/27 | | | |
| 1998/ 1/28 | | | |
| 1998/ 1/29 | | | |
| 1998/ 1/30 | | | |
| 1998/ 1/31 | | 2.5 | |
| 1998/ 2/ 1 | | 2.2 | |
| 1998/ 2/ 2 | | 1.8 | |
| 1998/ 2/ 3 | 27.0 | 28.6 | |
| 1998/ 2/ 4 | | 25.8 | |

実効雨量の式

$$D_n = r_0 + \alpha r_1 + \dots + \alpha^{n-1} r_{n-1} + \alpha^n r_n$$

ここで、 D_n : 降雨開始日からn日後の実効雨量
 r_n : 降雨開始日からn日後の日降水量
 α : 逡減係数

