

表4-9-1 観測井における地下水位の経年変化

| 観測井 | 水位 | (単位：単位下m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | H1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | R1 |
| 木田 | 最高 | 15.74 | 13.85 | 14.02 | 13.65 | 13.14 | 13.78 | 13.54 | 13.19 | 12.33 | 12.51 | 11.74 | 11.86 | 10.23 | 10.74 | 10.55 | 10.15 | 8.86 | 9.79 | 9.40 | 9.04 | 8.56 | 8.28 | 8.08 | 9.68 | 9.56 | 8.20 | 8.16 | 7.00 | 6.50 | 6.23 | 5.23 | 5.34 | 5.44 | 5.69 | 5.51 | 5.35 | 5.07 | 4.42 | 4.31 | 4.09 | 3.77 |
| | 最低 | 21.00 | 23.30 | 23.06 | 23.42 | 21.39 | 24.67 | 23.42 | 24.88 | 26.08 | 19.02 | 17.14 | 23.02 | 26.21 | 17.10 | 16.95 | 19.67 | 26.02 | 29.27 | 16.77 | 17.70 | 17.24 | 16.48 | 20.34 | 16.38 | 17.88 | 20.28 | 22.38 | 19.69 | 11.15 | 15.47 | 13.77 | 16.10 | 21.48 | 18.02 | 13.41 | 13.57 | 13.69 | 15.20 | 15.30 | 23.02 | 8.83 |
| | 変動差 | 5.26 | 9.45 | 11.04 | 6.77 | 8.25 | 10.89 | 9.88 | 11.49 | 7.75 | 6.51 | 5.40 | 8.16 | 10.01 | 6.36 | 6.40 | 9.52 | 11.16 | 10.48 | 7.37 | 8.66 | 8.68 | 8.20 | 12.26 | 6.68 | 8.32 | 12.08 | 14.22 | 12.69 | 4.65 | 9.24 | 8.54 | 10.76 | 16.04 | 12.33 | 7.90 | 10.22 | 10.62 | 10.78 | 11.09 | 18.93 | 5.06 |
| | 年平均 | 17.81 | 16.82 | 17.80 | 16.36 | 16.52 | 17.05 | 17.25 | 16.82 | 15.28 | 14.82 | 14.24 | 14.78 | 14.34 | 13.88 | 12.97 | 13.49 | 12.42 | 12.91 | 12.16 | 11.04 | 11.21 | 10.69 | 11.78 | 11.67 | 11.32 | 10.92 | 10.85 | 9.10 | 7.73 | 7.91 | 6.80 | 7.32 | 7.95 | 7.73 | 7.24 | 7.06 | 6.74 | 6.25 | 6.37 | 7.30 | 4.78 |
| | 最高 | 15.00 | 13.10 | 13.80 | 12.75 | 12.20 | 13.35 | 12.70 | 12.26 | 11.50 | 11.82 | 10.99 | 11.18 | 9.78 | 10.26 | 9.74 | 9.62 | 8.32 | 9.22 | 8.80 | 8.32 | 7.84 | 8.00 | 7.68 | 7.28 | 7.36 | 6.56 | 7.34 | 6.70 | 6.46 | 6.36 | 5.50 | 5.58 | 5.46 | 5.84 | 5.62 | 5.32 | 4.70 | 4.80 | 4.12 | 3.56 | |
| | 最低 | 26.20 | 31.45 | 35.60 | 27.00 | 26.80 | 33.00 | 28.70 | 33.42 | 25.26 | 23.60 | 20.36 | 28.74 | 27.10 | 20.54 | 21.08 | 24.50 | 24.90 | 27.12 | 20.86 | 22.20 | 22.40 | 21.92 | 28.32 | 16.88 | 22.00 | 23.68 | 25.38 | 24.42 | 15.92 | 21.38 | 18.86 | 22.26 | 29.64 | 23.86 | 19.96 | 20.40 | 20.70 | 21.84 | 20.96 | 31.42 | 14.42 |
| | 変動差 | 11.20 | 18.35 | 21.80 | 14.25 | 14.60 | 19.65 | 16.00 | 21.16 | 13.76 | 11.88 | 9.37 | 17.56 | 17.32 | 10.28 | 11.34 | 14.88 | 16.58 | 17.90 | 12.06 | 13.88 | 14.56 | 13.92 | 20.64 | 9.60 | 14.64 | 17.12 | 18.04 | 17.72 | 9.46 | 15.02 | 13.36 | 16.76 | 24.06 | 18.52 | 14.12 | 14.78 | 15.38 | 17.14 | 16.16 | 27.30 | 10.86 |
| | 年平均 | 19.72 | 18.88 | 19.75 | 17.97 | 17.95 | 18.76 | 18.33 | 18.03 | 16.63 | 15.91 | 15.35 | 15.75 | 15.52 | 14.90 | 15.86 | 14.38 | 15.20 | 13.77 | 12.97 | 11.62 | 11.93 | 11.24 | 10.77 | 10.18 | 9.85 | 9.95 | 10.89 | 9.84 | 8.46 | 8.75 | 7.41 | 8.32 | 8.37 | 8.44 | 8.02 | 7.77 | 7.57 | 7.59 | 7.59 | 8.49 | 5.10 |
| | 最高 | 12.09 | 10.19 | 10.31 | 8.80 | 8.93 | 8.71 | 9.07 | 8.30 | 7.32 | 7.20 | 6.49 | 5.72 | 4.70 | 5.16 | 5.12 | 4.84 | 4.04 | 3.60 | 4.28 | 3.84 | 3.44 | 3.12 | 2.84 | 2.48 | 2.64 | 2.16 | 2.28 | 3.08 | 2.68 | 2.44 | 2.08 | 2.02 | 2.29 | 2.02 | 1.72 | 1.75 | 1.50 | 1.33 | 1.13 | 1.16 | 1.15 |
| | 最低 | 17.80 | 23.19 | 26.38 | 18.80 | 18.30 | 23.88 | 20.36 | 23.09 | 17.30 | 14.90 | 11.95 | 15.97 | 15.96 | 10.56 | 11.76 | 13.56 | 16.34 | 15.92 | 10.60 | 11.40 | 12.00 | 10.64 | 13.28 | 10.96 | 10.20 | 12.64 | 13.08 | 12.72 | 6.24 | 9.48 | 7.76 | 9.50 | 12.76 | 10.70 | 7.20 | 8.19 | 9.23 | 8.71 | 9.42 | 14.01 | 5.27 |
| | 変動差 | 5.71 | 13.00 | 16.07 | 10.00 | 9.37 | 15.17 | 11.29 | 14.79 | 9.98 | 7.70 | 5.46 | 10.25 | 11.20 | 5.40 | 6.64 | 8.72 | 12.30 | 12.32 | 6.32 | 7.56 | 8.56 | 7.32 | 10.44 | 8.48 | 7.36 | 10.48 | 10.80 | 9.64 | 3.36 | 7.04 | 5.68 | 7.48 | 10.47 | 8.08 | 5.48 | 6.44 | 7.73 | 7.38 | 8.20 | 12.85 | 4.12 |
| | 年平均 | 14.55 | 13.54 | 13.91 | 11.72 | 11.29 | 11.88 | 11.87 | 11.47 | 9.39 | 8.86 | 8.29 | 7.84 | 7.41 | 7.40 | 6.86 | 7.24 | 6.52 | 6.79 | 6.35 | 5.46 | 5.41 | 4.49 | 4.09 | 3.85 | 3.88 | 3.61 | 4.67 | 4.59 | 3.57 | 3.52 | 3.85 | 3.06 | 3.65 | 3.19 | 2.75 | 2.64 | 2.57 | 2.29 | 2.33 | 2.92 | 1.69 |

(資料：環境省資料)

表4-9-2 観測井における経年況下量

| 観測井 | 取引量 | (単位：mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 元 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | R1 |
| 木田 | 年総量 | 1.46 | 2.10 | 1.70 | 0.98 | 1.06 | 5.19 | 1.48 | 1.19 | 1.69 | 0.98 | 0.31 | 1.13 | 0.92 | 0.78 | -0.19 | 1.27 | 0.47 | 0.41 | 0.25 | -0.16 | 0.88 | -0.12 | 0.60 | 0.18 | 0.38 | -0.56 | 3.88 | -2.22 | -0.33 | 0.70 | 0.54 | 0.33 | 1.03 | 0.13 | 0.03 | 1.55 | -0.82 | 0.74 | 0.50 | 1.02 | -0.31 |
| | 累積 | 6.80 | 8.90 | 10.60 | 11.46 | 12.52 | 17.71 | 19.19 | 20.38 | 22.07 | 22.45 | 22.76 | 23.89 | 24.82 | 25.60 | 25.41 | 26.68 | 27.15 | 27.56 | 27.81 | 27.65 | 28.53 | 30.92 | 31.52 | 31.70 | 32.08 | 31.52 | 35.40 | 33.48 | 32.85 | 33.64 | 34.18 | 34.51 | 35.54 | 35.67 | 35.70 | 37.25 | 36.43 | 37.17 | 37.67 | 38.69 | 38.38 |
| | 年総量 | -4.04 | 13.11 | -1.43 | -0.39 | 4.07 | 18.97 | -2.48 | -5.12 | 1.17 | 1.86 | 2.07 | 0.29 | 3.58 | 0.23 | -2.24 | 0.89 | 1.87 | -0.80 | -1.36 | -2.88 | 6.12 | -4.76 | -0.64 | 1.27 | -1.31 | -1.08 | 24.96 | -20.38 | -1.59 | -1.21 | 3.91 | 3.83 | -4.33 | -0.20 | -0.02 | 8.39 | -11.20 | 1.41 | 3.45 | -0.29 | -4.83 |
| | 累積 | 11.59 | 25.10 | 23.67 | 23.28 | 27.35 | 46.32 | 43.84 | 38.72 | 38.89 | 41.75 | 43.82 | 44.11 | 47.69 | 47.92 | 45.68 | 46.57 | 46.44 | 47.64 | 46.28 | 43.40 | 49.52 | 50.90 | 51.27 | 49.90 | 48.88 | 73.84 | 53.46 | 51.87 | 50.60 | 54.57 | 58.40 | 54.07 | 53.77 | 53.75 | 62.14 | 60.94 | 62.35 | 56.30 | 55.51 | 50.68 | |
| | 年総量 | 1.23 | 6.65 | 3.70 | 2.91 | 2.65 | 11.93 | 0.12 | 2.05 | 2.22 | 0.56 | 0.12 | 0.84 | 3.67 | 2.40 | -0.60 | 3.28 | 4.16 | -1.08 | 0.56 | -0.36 | 2.32 | -0.20 | 0.64 | 2.88 | 1.08 | -0.72 | 9.88 | -5.24 | -0.88 | 0.60 | 1.84 | 1.04 | 1.51 | 0.49 | -0.14 | 3.79 | -2.94 | 1.74 | 0.88 | 2.65 | -1.16 |
| | 累積 | 36.03 | 42.68 | 46.38 | 49.29 | 51.95 | 63.88 | 64.00 | 66.05 | 68.27 | 68.83 | 68.95 | 69.79 | 73.46 | 75.86 | 75.26 | 78.54 | 82.70 | 81.62 | 82.18 | 81.82 | 84.14 | 93.96 | 94.60 | 97.48 | 98.56 | 97.84 | 107.72 | 102.48 | 101.60 | 102.20 | 104.04 | 105.08 | 106.59 | 107.08 | 106.94 | 110.73 | 107.79 | 109.53 | 110.41 | 113.06 | 111.90 |

(資料：環境省資料)

(備考：年総量は1月～12月までの観測の総量である。)

(注) 年総量の「-」は降量。