

表 4-8-1-1 観測井における地下水位の経年変化

| 観測井 | 水位  | (単位：管頭下m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|-----|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |     | 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    |
| 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  |
|     | 最低  | 21.00     | 23.30 | 25.06 | 23.42 | 21.39 | 24.67 | 25.42 | 24.68 | 20.08 | 19.02 | 17.14 | 20.02 | 20.27 | 17.10 | 16.96 | 19.67 | 20.02 | 20.27 | 16.77 | 17.70 | 17.24 | 16.38 | 20.34 | 16.36 | 17.88 | 20.28 | 22.38 | 19.69 | 11.15 | 13.47 | 13.77 | 16.10 | 21.48 | 18.02 | 13.41 | 15.97 | 15.69 |
|     | 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  | 10.04 | 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 |
|     | 年平均 | 17.81     | 16.82 | 17.80 | 16.36 | 16.52 | 17.05 | 14.24 | 14.78 | 14.34 | 13.88 | 12.97 | 13.49 | 12.42 | 11.04 | 11.21 | 10.69 | 11.78 | 11.67 | 11.32 | 10.92 | 10.86 | 9.10  | 7.73  | 7.91  | 6.80  | 7.32  | 7.95  | 7.73  | 7.24  | 7.06  | 6.74  |       |       |       |       |       |       |
| 木田  | 最高  | 15.00     | 13.10 | 13.80 | 12.75 | 12.20 | 13.35 | 12.70 | 12.26 | 11.50 | 11.62 | 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  | 7.96  | 6.56  | 7.34  | 6.70  | 6.46  | 6.36  | 5.50  | 5.58  | 5.46  | 5.84  | 5.62  | 5.32  |       |
|     | 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 | 23.98 | 19.96 | 20.40 | 20.70 |
|     | 変動差 | 11.20     | 18.35 | 21.80 | 14.25 | 14.60 | 19.65 | 16.00 | 21.16 | 13.76 | 11.98 | 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 |
|     | 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 | 13.86 | 14.38 | 13.20 | 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  |
| 下荒井 | 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  | 4.76  | 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  |
|     | 最低  | 17.80     | 23.19 | 25.38 | 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  |
|     | 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  | 7.52  | 10.44 | 8.48  | 7.56  | 10.48 | 10.80 | 9.64  | 3.56  | 7.04  | 5.68  | 7.48  | 10.47 | 8.68  | 5.48  | 6.44  | 7.73  |
|     | 年平均 | 14.55     | 13.54 | 13.91 | 11.72 | 11.29 | 11.88 | 11.87 | 11.47 | 9.39  | 8.86  | 8.26  | 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  | 2.88  | 3.06  | 3.66  | 3.19  | 2.75  | 2.64  | 2.57  |

(資料：環境政策課)

表 4-8-1-2 観測井における経年赤下量

| 観測井 | 収縮量 | (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     |
| 木田  | 年総量 | 1.46    | 2.10  | 1.70  | 0.86  | 1.06  | 5.19  | 1.48  | 1.19  | 1.69  | 0.38  | 0.31  | 1.13  | 0.93  | 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  | 0.79   | 0.54   | 0.33   | 1.03   | 0.13   | 0.03   | 1.55   | -0.82  |
|     | 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  | 33.18  | 32.85  | 33.64  | 34.18  | 34.51  | 35.54  | 35.67  | 35.70  | 37.25  | 36.43  |
|     | 年総量 | -4.04   | 13.11 | -1.43 | -0.39 | 4.07  | 18.97 | -2.46 | -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  | -0.30  | -0.02  | 8.39   | -11.20 |
|     | 累積  | 11.99   | 25.10 | 23.67 | 23.28 | 27.35 | 46.32 | 43.84 | 38.72 | 39.89 | 41.75 | 43.82 | 44.11 | 47.69 | 47.92 | 45.68 | 46.57 | 48.44 | 47.64 | 46.28 | 43.40 | 49.52 | 50.64 | 50.00 | 51.27 | 49.96 | 48.88 | 73.84  | 53.46  | 51.87  | 50.66  | 54.57  | 58.40  | 54.07  | 53.77  | 53.75  | 62.14  | 50.94  |
| 下荒井 | 年総量 | 1.23    | 6.65  | 3.70  | 2.91  | 2.86  | 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   | -5.74  | -0.88  | 0.60   | 1.84   | 1.04   | 1.51   | 0.49   | -0.14  | 3.79   | -2.94  |
|     | 累積  | 38.03   | 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 |
|     | 年総量 | 38.03   | 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 |
|     | 年平均 | 14.55   | 13.54 | 13.91 | 11.72 | 11.29 | 11.88 | 11.87 | 11.47 | 9.39  | 8.86  | 8.26  | 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   | 2.88   | 3.06   | 3.66   | 3.19   | 2.75   | 2.64   | 2.57   |

(資料：環境政策課)

備考：年総量は月～12月までの観測の結果である。  
(注) 年総量の1は抽出