

2011年5月海伦站降水、蒸发和气温数据

| 日期 | 降水 (mm) | 蒸发 (mm) | 气温 (℃) | 气温日最高 (℃) | 气温日最低 (℃) |
|-----------|---------|---------|--------|-----------|-----------|
| 2011-5-1 | | | 11.87 | 17.20 | 6.90 |
| 2011-5-2 | | | 11.55 | 19.30 | 1.80 |
| 2011-5-3 | | | 11.68 | 17.00 | 7.20 |
| 2011-5-4 | | | 12.59 | 21.60 | 3.80 |
| 2011-5-5 | 0.0 | | 14.60 | 21.10 | 7.70 |
| 2011-5-6 | 10.0 | | 9.83 | 14.20 | 8.30 |
| 2011-5-7 | 1.1 | | 10.38 | 16.00 | 7.10 |
| 2011-5-8 | | | 13.29 | 22.20 | 4.50 |
| 2011-5-9 | 3.8 | | 13.50 | 18.00 | 9.40 |
| 2011-5-10 | | | 10.41 | 14.30 | 7.60 |
| 2011-5-11 | | | 10.66 | 16.70 | 4.30 |
| 2011-5-12 | | | 13.66 | 17.30 | 11.20 |
| 2011-5-13 | 0.6 | | 10.48 | 13.00 | 8.30 |
| 2011-5-14 | 2.0 | | 8.03 | 12.50 | 5.90 |
| 2011-5-15 | 0.0 | 4.5 | 10.03 | 16.50 | 4.60 |
| 2011-5-16 | | 6.2 | 13.00 | 21.90 | 2.30 |
| 2011-5-17 | | 1.6 | 16.57 | 25.30 | 5.70 |
| 2011-5-18 | | 5.9 | 17.58 | 24.70 | 9.70 |
| 2011-5-19 | 19.2 | 8.7 | 12.44 | 16.90 | 6.90 |
| 2011-5-20 | | 0.5 | 10.47 | 16.20 | 4.50 |
| 2011-5-21 | 0.0 | 8.8 | 11.17 | 17.70 | 5.90 |
| 2011-5-22 | | 5.7 | 11.40 | 17.90 | 6.40 |
| 2011-5-23 | | 5.1 | 13.24 | 20.00 | 5.20 |
| 2011-5-24 | | 5.1 | 14.86 | 23.00 | 4.90 |
| 2011-5-25 | | 9.5 | 19.87 | 29.50 | 9.80 |
| 2011-5-26 | | 8.3 | 22.14 | 29.30 | 14.70 |
| 2011-5-27 | | 8.2 | 20.77 | 26.60 | 15.40 |
| 2011-5-28 | 7.0 | 6.1 | 19.20 | 27.10 | 13.10 |
| 2011-5-29 | 4.6 | 0.9 | 18.52 | 24.10 | 14.40 |
| 2011-5-30 | 3.8 | 2.1 | 16.92 | 20.90 | 14.60 |
| 2011-5-31 | 3.5 | 2.1 | 14.64 | 16.10 | 13.40 |
| 上旬平均 | 3.7 | | 12.0 | 18.1 | 6.4 |
| 中旬平均 | 5.5 | 4.6 | 12.3 | 18.1 | 6.3 |
| 下旬平均 | 3.8 | 5.6 | 16.6 | 22.9 | 10.7 |
| 月平均 | 4.3 | 5.3 | 13.7 | 19.8 | 7.9 |

2011年5月海伦站地温数据

单位：℃

| 日期 | 0cm 平均 | 0cm 最高 | 0cm 最低 | 5cm 平均 | 5cm 最高 | 5cm 最低 | 10cm 平均 | 10cm 最高 | 10cm 最低 | 15cm 平均 | 15cm 最高 | 15cm 最低 | 20cm 平均 | 20cm 最高 | 20cm 最低 | 40cm 平均 | 40cm 最高 | 40cm 最低 | 60cm 平均 | 60cm 最高 | 60cm 最低 | 100cm 平均 | 100cm 最高 | 100cm 最低 |
|-----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| 2011-5-1 | 17.75 | 41.20 | 5.00 | 8.77 | 11.50 | 6.40 | 7.79 | 9.70 | 6.20 | 7.15 | 8.70 | 5.90 | 6.21 | 7.40 | 5.40 | 2.05 | 2.20 | 1.80 | -0.08 | 0.00 | -0.10 | -0.10 | -0.10 | -0.10 |
| 2011-5-2 | 16.67 | 43.80 | -0.90 | 8.43 | 11.00 | 5.60 | 7.70 | 9.50 | 5.70 | 7.21 | 8.60 | 5.70 | 6.43 | 7.40 | 5.40 | 2.47 | 2.60 | 2.30 | 0.00 | 0.00 | 0.00 | -0.10 | -0.10 | -0.20 |
| 2011-5-3 | 18.31 | 43.40 | 5.40 | 9.28 | 12.70 | 6.70 | 8.37 | 10.90 | 6.50 | 7.75 | 9.70 | 6.30 | 6.84 | 8.30 | 5.90 | 2.76 | 2.90 | 2.60 | 0.08 | 0.20 | 0.00 | -0.10 | -0.10 | -0.10 |
| 2011-5-4 | 19.31 | 45.70 | 1.60 | 9.70 | 13.40 | 6.50 | 8.83 | 11.60 | 6.50 | 8.23 | 10.40 | 6.40 | 7.32 | 8.80 | 6.10 | 3.13 | 3.20 | 2.90 | 0.30 | 0.40 | 0.20 | -0.10 | -0.10 | -0.10 |
| 2011-5-5 | 19.15 | 43.40 | 3.80 | 10.29 | 12.60 | 7.70 | 9.45 | 11.10 | 7.60 | 8.85 | 10.10 | 7.40 | 7.94 | 8.80 | 7.00 | 3.53 | 3.60 | 3.30 | 0.57 | 0.70 | 0.40 | -0.10 | -0.10 | -0.10 |
| 2011-5-6 | 11.57 | 22.90 | 8.70 | 9.97 | 11.50 | 8.70 | 9.27 | 10.40 | 8.30 | 8.75 | 9.80 | 8.00 | 7.95 | 8.70 | 7.40 | 3.86 | 3.90 | 3.70 | 0.85 | 1.00 | 0.70 | -0.10 | -0.10 | -0.10 |
| 2011-5-7 | 12.44 | 25.20 | 5.50 | 9.45 | 11.60 | 7.70 | 8.68 | 10.10 | 7.50 | 8.20 | 9.30 | 7.30 | 7.47 | 8.20 | 6.80 | 3.89 | 4.00 | 3.80 | 1.08 | 1.20 | 1.00 | -0.10 | -0.10 | -0.10 |
| 2011-5-8 | 14.40 | 33.40 | 0.80 | 8.98 | 12.00 | 5.80 | 8.28 | 10.50 | 6.00 | 7.88 | 9.70 | 6.00 | 7.24 | 8.50 | 6.00 | 3.94 | 4.10 | 3.80 | 1.28 | 1.40 | 1.20 | -0.10 | -0.10 | -0.10 |
| 2011-5-9 | 13.14 | 26.80 | 8.70 | 9.84 | 11.00 | 8.50 | 9.14 | 10.10 | 8.20 | 8.70 | 9.60 | 7.90 | 7.96 | 8.50 | 7.40 | 4.20 | 4.30 | 4.00 | 1.48 | 1.60 | 1.40 | -0.10 | -0.10 | -0.10 |
| 2011-5-10 | 12.48 | 22.70 | 4.70 | 9.08 | 10.30 | 7.70 | 8.55 | 9.50 | 7.60 | 8.19 | 9.10 | 7.40 | 7.60 | 8.30 | 7.00 | 4.36 | 4.40 | 4.30 | 1.72 | 1.80 | 1.60 | -0.10 | -0.10 | -0.10 |
| 2011-5-11 | 13.38 | 28.90 | 1.30 | 8.78 | 11.10 | 6.10 | 8.22 | 9.90 | 6.40 | 7.84 | 9.20 | 6.40 | 7.27 | 8.20 | 6.30 | 4.33 | 4.40 | 4.20 | 1.88 | 1.90 | 1.80 | -0.10 | -0.10 | -0.10 |
| 2011-5-12 | 14.29 | 25.30 | 9.00 | 9.65 | 10.70 | 8.50 | 9.01 | 9.60 | 8.20 | 8.56 | 9.10 | 7.90 | 7.85 | 8.20 | 7.40 | 4.47 | 4.60 | 4.30 | 2.02 | 2.10 | 1.90 | -0.10 | -0.10 | -0.10 |
| 2011-5-13 | 12.68 | 23.80 | 7.60 | 8.93 | 9.70 | 7.90 | 8.48 | 9.20 | 7.80 | 8.14 | 8.80 | 7.50 | 7.59 | 8.10 | 7.20 | 4.63 | 4.70 | 4.60 | 2.23 | 2.30 | 2.10 | -0.10 | -0.10 | -0.10 |
| 2011-5-14 | 12.07 | 34.90 | 5.60 | 8.60 | 10.70 | 6.90 | 8.13 | 9.40 | 6.90 | 7.75 | 8.70 | 6.80 | 7.23 | 7.80 | 6.60 | 4.57 | 4.70 | 4.50 | 2.37 | 2.40 | 2.30 | -0.10 | -0.10 | -0.10 |
| 2011-5-15 | 14.58 | 34.50 | 3.70 | 9.25 | 13.10 | 6.30 | 8.56 | 11.40 | 6.50 | 8.06 | 10.30 | 6.50 | 7.37 | 8.90 | 6.40 | 4.55 | 4.60 | 4.50 | 2.44 | 2.50 | 2.40 | -0.10 | -0.10 | -0.10 |
| 2011-5-16 | 19.71 | 48.10 | -0.80 | 10.01 | 14.40 | 6.00 | 9.37 | 12.60 | 6.50 | 8.83 | 11.50 | 6.60 | 8.08 | 10.00 | 6.60 | 4.80 | 4.90 | 4.60 | 2.59 | 2.70 | 2.50 | -0.10 | -0.10 | -0.10 |
| 2011-5-17 | 22.00 | 50.50 | 3.70 | 11.43 | 15.40 | 8.00 | 10.66 | 13.50 | 8.20 | 10.10 | 12.40 | 8.20 | 9.24 | 10.90 | 8.00 | 5.34 | 5.50 | 5.00 | 2.85 | 3.00 | 2.70 | -0.10 | -0.10 | -0.10 |
| 2011-5-18 | 22.10 | 44.60 | 5.30 | 12.61 | 16.40 | 9.20 | 11.70 | 14.30 | 9.30 | 11.05 | 13.10 | 9.20 | 10.09 | 11.50 | 8.90 | 5.91 | 6.10 | 5.60 | 3.21 | 3.40 | 3.00 | -0.10 | -0.10 | -0.10 |
| 2011-5-19 | 14.75 | 24.30 | 6.60 | 12.05 | 14.20 | 10.40 | 11.57 | 13.40 | 10.40 | 11.15 | 12.70 | 10.20 | 10.47 | 11.50 | 9.80 | 6.43 | 6.60 | 6.10 | 3.59 | 3.80 | 3.40 | -0.10 | -0.10 | -0.10 |
| 2011-5-20 | 12.55 | 32.40 | 0.80 | 9.91 | 13.50 | 6.50 | 9.59 | 11.70 | 7.20 | 9.35 | 10.90 | 7.50 | 8.99 | 10.30 | 7.70 | 6.41 | 6.60 | 6.20 | 3.89 | 4.00 | 3.80 | -0.10 | -0.10 | -0.10 |
| 2011-5-21 | 16.00 | 40.50 | 5.50 | 10.92 | 15.00 | 8.00 | 10.36 | 13.00 | 8.20 | 9.95 | 12.00 | 8.30 | 9.34 | 10.70 | 8.20 | 6.32 | 6.40 | 6.20 | 3.99 | 4.10 | 3.90 | -0.10 | 0.00 | -0.10 |
| 2011-5-22 | 16.18 | 40.00 | 3.90 | 11.30 | 15.20 | 8.10 | 10.70 | 13.50 | 8.50 | 10.24 | 12.40 | 8.50 | 9.60 | 11.10 | 8.40 | 6.53 | 6.60 | 6.40 | 4.18 | 4.30 | 4.10 | 0.36 | 0.70 | 0.00 |
| 2011-5-23 | 18.33 | 47.30 | 4.10 | 12.14 | 15.60 | 8.90 | 11.48 | 13.90 | 9.20 | 10.99 | 12.90 | 9.20 | 10.27 | 11.60 | 9.10 | 6.81 | 6.90 | 6.60 | 4.43 | 4.60 | 4.30 | 0.88 | 1.10 | 0.70 |
| 2011-5-24 | 22.78 | 50.60 | 2.60 | 13.03 | 18.20 | 8.70 | 12.22 | 16.10 | 9.10 | 11.64 | 14.70 | 9.30 | 10.78 | 13.00 | 9.20 | 7.15 | 7.30 | 7.00 | 4.76 | 4.90 | 4.60 | 1.40 | 1.70 | 1.10 |
| 2011-5-25 | 23.50 | 46.40 | 5.30 | 14.42 | 18.90 | 10.50 | 13.58 | 16.70 | 10.80 | 12.93 | 15.40 | 10.80 | 11.97 | 13.70 | 10.60 | 7.78 | 8.00 | 7.40 | 5.20 | 5.40 | 4.90 | 1.94 | 2.10 | 1.70 |
| 2011-5-26 | 25.43 | 47.50 | 10.70 | 15.75 | 19.40 | 12.50 | 14.76 | 17.30 | 12.50 | 14.05 | 16.10 | 12.30 | 13.02 | 14.50 | 11.90 | 8.46 | 8.70 | 8.10 | 5.75 | 6.00 | 5.50 | 2.35 | 2.50 | 2.20 |
| 2011-5-27 | 23.71 | 39.80 | 12.70 | 16.12 | 18.50 | 13.60 | 15.26 | 16.90 | 13.50 | 14.62 | 15.80 | 13.20 | 13.66 | 14.50 | 12.70 | 9.15 | 9.40 | 8.80 | 6.31 | 6.60 | 6.00 | 2.73 | 2.90 | 2.60 |
| 2011-5-28 | 23.48 | 45.60 | 11.10 | 15.91 | 19.00 | 13.30 | 15.06 | 17.20 | 13.20 | 14.48 | 16.10 | 13.10 | 13.60 | 14.70 | 12.70 | 9.58 | 9.70 | 9.40 | 6.84 | 7.00 | 6.60 | 3.10 | 3.30 | 2.90 |
| 2011-5-29 | 21.43 | 35.90 | 12.90 | 17.00 | 21.20 | 13.80 | 15.90 | 18.80 | 13.70 | 15.23 | 17.40 | 13.50 | 14.21 | 15.70 | 13.10 | 9.97 | 10.20 | 9.70 | 7.26 | 7.50 | 7.10 | 3.47 | 3.60 | 3.30 |
| 2011-5-30 | 18.84 | 28.10 | 13.20 | 16.59 | 18.20 | 14.60 | 15.88 | 17.30 | 14.50 | 15.39 | 16.70 | 14.30 | 14.64 | 15.60 | 13.90 | 10.55 | 10.70 | 10.20 | 7.73 | 8.00 | 7.50 | 3.83 | 4.00 | 3.60 |
| 2011-5-31 | 15.50 | 19.80 | 12.30 | 14.78 | 16.20 | 13.70 | 14.42 | 15.70 | 13.70 | 14.15 | 15.40 | 13.60 | 13.72 | 14.70 | 13.30 | 10.73 | 10.80 | 10.60 | 8.17 | 8.30 | 8.00 | 4.16 | 4.30 | 4.00 |
| 上旬平均 | 15.52 | 34.85 | 4.33 | 9.38 | 11.76 | 7.13 | 8.61 | 10.34 | 7.01 | 8.09 | 9.50 | 6.83 | 7.30 | 8.29 | 6.44 | 3.42 | 3.52 | 3.25 | 0.73 | 0.83 | 0.64 | -0.10 | -0.10 | -0.11 |
| 中旬平均 | 15.81 | 34.73 | 4.28 | 10.12 | 12.92 | 7.58 | 9.53 | 11.50 | 7.74 | 9.08 | 10.67 | 7.68 | 8.42 | 9.54 | 7.49 | 5.14 | 5.27 | 4.96 | 2.71 | 2.81 | 2.59 | -0.10 | -0.10 | -0.10 |
| 下旬平均 | 20.47 | 40.14 | 8.57 | 14.36 | 17.76 | 11.43 | 13.60 | 16.04 | 11.54 | 13.06 | 14.99 | 11.46 | 12.25 | 13.62 | 11.19 | 8.46 | 8.61 | 8.22 | 5.87 | 6.06 | 5.68 | 2.19 | 2.38 | 2.00 |
| 月平均 | 17.37 | 36.69 | 5.82 | 11.38 | 14.26 | 8.80 | 10.68 | 12.74 | 8.85 | 10.17 | 11.83 | 8.75 | 9.42 | 10.58 | 8.46 | 5.76 | 5.89 | 5.56 | 3.19 | 3.33 | 3.06 | 0.71 | 0.78 | 0.64 |