

Abfluss



Hintere Frenke - Bubendorf, Morgental

Stationsnummer: BL 4309

Einzugsgebiet: 38.20 km²

Höhe Station: 352 m ü. M.

Kanton Basel-Landschaft

Tiefbauamt, Geschäftsbereich Wasserbau

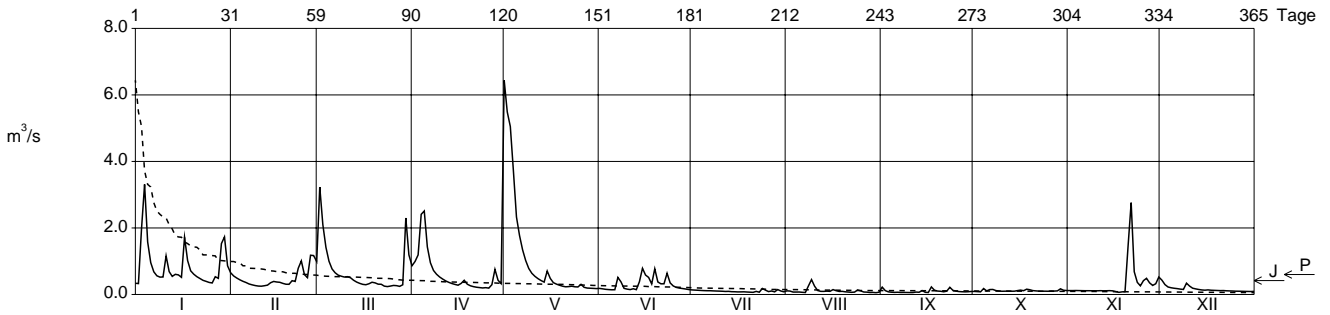
Koordinaten: 2622 278 / 1256 550

Mittlere Höhe: 603 m ü. M.

| 2015 | | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | |
|-------------------|-----------|----------|----------|----------|------------|----------|----------|----------|----------|------------|----------|-----------|-------------------------|-------|
| Tagesmittel | 1 | 0.337 | 0.653 | 0.990 | 0.863 | 6.44 + | 0.183 | 0.138 | 0.109 | 0.221 | 0.092 | 0.117 | 0.431 + | 1 |
| | 2 | 0.328 - | 0.556 | 3.23 + | 0.992 | 5.49 | 0.170 | 0.132 | 0.103 | 0.116 | 0.086 | 0.117 | 0.297 | 2 |
| | 3 | 1.97 | 0.494 | 2.10 | 1.19 | 5.05 | 0.155 | 0.127 | 0.073 | 0.079 | 0.080 - | 0.119 | 0.225 | 3 |
| | 4 | 3.31 + | 0.441 | 1.42 | 2.41 | 3.72 | 0.147 | 0.121 | 0.073 | 0.068 | 0.179 + | 0.117 | 0.202 | 4 |
| | 5 | 1.58 | 0.396 | 1.00 | 2.51 + | 2.33 | 0.141 - | 0.116 | 0.074 | 0.063 | 0.107 | 0.115 | 0.187 | 5 |
| | 6 | 0.958 | 0.360 | 0.767 | 1.43 | 1.77 | 0.143 | 0.113 | 0.065 | 0.067 | 0.148 | 0.143 | 0.176 | 6 |
| | 7 | 0.682 | 0.316 | 0.653 | 0.953 | 1.34 | 0.512 | 0.113 | 0.059 | 0.060 | 0.151 | 0.113 | 0.161 | 7 |
| | 8 | 0.562 | 0.290 | 0.581 | 0.723 | 1.02 | 0.380 | 0.108 | 0.258 | 0.061 | 0.117 | 0.112 | 0.151 | 8 |
| | 9 | 0.522 | 0.268 | 0.549 | 0.608 | 0.782 | 0.184 | 0.104 | 0.447 + | 0.060 | 0.103 | 0.112 | 0.340 | 9 |
| | 10 | 0.526 | 0.253 | 0.524 | 0.526 | 0.637 | 0.161 | 0.101 | 0.249 | 0.058 - | 0.097 | 0.111 | 0.253 | 10 |
| m ³ /s | 11 | 1.16 | 0.249 - | 0.536 | 0.463 | 0.546 | 0.147 | 0.097 | 0.119 | 0.058 - | 0.099 | 0.114 | 0.189 | 11 |
| | 12 | 0.687 | 0.263 | 0.503 | 0.407 | 0.476 | 0.172 | 0.091 | 0.094 | 0.072 | 0.101 | 0.117 | 0.188 | 12 |
| | 13 | 0.544 | 0.281 | 0.428 | 0.364 | 0.419 | 0.145 | 0.094 | 0.093 | 0.067 | 0.098 | 0.112 | 0.150 | 13 |
| | 14 | 0.606 | 0.353 | 0.373 | 0.329 | 0.372 | 0.383 | 0.084 | 0.100 | 0.117 | 0.099 | 0.115 | 0.136 | 14 |
| | 15 | 0.589 | 0.392 | 0.334 | 0.302 | 0.704 | 0.786 + | 0.082 | 0.094 | 0.065 | 0.116 | 0.109 | 0.129 | 15 |
| | 16 | 0.517 | 0.375 | 0.304 | 0.279 | 0.483 | 0.584 | 0.077 | 0.147 | 0.059 | 0.131 | 0.086 | 0.138 | 16 |
| | 17 | 1.72 | 0.366 | 0.293 | 0.333 | 0.356 | 0.513 | 0.078 | 0.114 | 0.227 + | 0.114 | 0.064 - | 0.128 | 17 |
| | 18 | 1.02 | 0.333 | 0.322 | 0.427 | 0.312 | 0.317 | 0.060 | 0.091 | 0.129 | 0.159 | 0.078 | 0.124 | 18 |
| | 19 | 0.711 | 0.308 | 0.368 | 0.309 | 0.278 | 0.772 | 0.074 | 0.094 | 0.103 | 0.143 | 0.085 | 0.120 | 19 |
| | 20 | 0.610 | 0.306 | 0.349 | 0.262 | 0.249 | 0.376 | 0.069 | 0.080 | 0.097 | 0.117 | 1.46 | 0.116 | 20 |
| | + Maximum | 21 | 0.536 | 0.415 | 0.310 | 0.236 | 0.231 | 0.321 | 0.064 - | 0.073 | 0.081 | 0.108 | 2.76 + | 0.118 |
| 22 | | 0.481 | 0.392 | 0.307 | 0.218 | 0.237 | 0.321 | 0.093 | 0.065 | 0.100 | 0.101 | 0.684 | 0.111 | 22 |
| 23 | | 0.426 | 0.789 | 0.251 | 0.207 | 0.249 | 0.637 | 0.068 | 0.071 | 0.216 | 0.098 | 0.364 | 0.107 | 23 |
| 24 | | 0.395 | 1.01 | 0.237 - | 0.196 | 0.231 | 0.349 | 0.181 + | 0.136 | 0.125 | 0.099 | 0.260 | 0.104 | 24 |
| 25 | | 0.362 | 0.600 | 0.253 | 0.205 | 0.226 | 0.257 | 0.131 | 0.108 | 0.101 | 0.097 | 0.416 | 0.099 | 25 |
| - Minimum | 26 | 0.346 | 0.507 | 0.272 | 0.191 - | 0.305 | 0.213 | 0.087 | 0.074 | 0.088 | 0.106 | 0.486 | 0.098 | 26 |
| | 27 | 0.534 | 1.18 + | 0.265 | 0.294 | 0.216 | 0.192 | 0.104 | 0.070 | 0.082 | 0.103 | 0.349 | 0.096 | 27 |
| | 28 | 0.486 | 1.17 | 0.244 | 0.754 | 0.193 | 0.179 | 0.079 | 0.059 | 0.079 | 0.108 | 0.272 | 0.093 | 28 |
| | 29 | 1.53 | | 0.292 | 0.429 | 0.188 | 0.165 | 0.148 | 0.062 | 0.083 | 0.170 | 0.323 | 0.091 | 29 |
| | 30 | 1.73 | | 2.30 | 0.328 | 0.183 | 0.149 | 0.105 | 0.054 - | 0.091 | 0.127 | 0.525 | 0.089 - | 30 |
| | 31 | 0.862 | | 1.19 | | 0.177 - | | 0.080 | 0.068 | | 0.118 | | 0.094 | 31 |
| Monatsumme | 0.859 | 0.475 | 0.695 | 0.625 | 1.14 + | 0.305 | 0.101 | 0.109 | 0.096 - | 0.115 | 0.330 | 0.159 | m ³ /s | |
| Maximum (Spitze) | 5.64 03. | 2.31 27. | 7.41 02. | 5.24 04. | 12.5 01. + | 5.46 07. | 1.70 24. | 4.58 08. | 9.28 01. | 4.487- 04. | 7.84 20. | 0.585 09. | m ³ /s Datum | |

Jahresmittel 0.418 m³/s

— Ganglinie der Tagesmittel - - - - Dauerlinie der Tagesmittel (erreicht oder überschritten) ← J Jahresmittel (2015) ← P Periodenmittel (1984 - 2015)



| Periode | 1984 - 2015 (32 Jahre) | | | | | | | | | | | | |
|------------------------|------------------------|------------|------------|--------------|------------|------------|------------|-------------|--------------|------------|------------|------------|------------------------|
| Monatsumme | 0.771 | 0.709 | 0.849 | 0.857 + | 0.640 | 0.515 | 0.380 | 0.282 - | 0.324 | 0.431 | 0.630 | 0.821 | m ³ /s |
| Maximum (Spitze) | 8.53 - 1995 | 14.8 1999 | 17.6 2001 | 21.1 2006 | 24.9 1999 | 19.6 1990 | 19.0 2012 | 30.1 + 2007 | 15.3 2006 | 15.8 2012 | 16.0 1995 | 12.8 2010 | m ³ /s Jahr |
| Minimum (Momentanwert) | 0.095 1989 | 0.084 1989 | 0.093 1986 | 0.105 + 2014 | 0.057 2011 | 0.048 2014 | 0.026 2015 | 0.020 1984 | 0.016 - 1984 | 0.051 1985 | 0.048 2015 | 0.025 1986 | m ³ /s Jahr |

Grösstes Jahresmittel 0.952 (1999) m³/s **Periodenmittel** 0.600 m³/s **Kleinstes Jahresmittel** 0.283 (1989) m³/s

| Dauer der Tagesmittelwerte des Abflusses (erreicht oder überschritten) | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Tage | 1 | 3 | 6 | 9 | 18 | 36 | 55 | 73 | 91 | 114 | 137 | 160 | |
| 2015 | 6.44 | 5.05 | 3.23 | 2.41 | 1.53 | 0.863 | 0.608 | 0.522 | 0.427 | 0.353 | 0.307 | 0.253 | m ³ /s |
| 1984 - 2015 | 5.48 | 3.79 | 3.08 | 2.70 | 2.06 | 1.46 | 1.09 | 0.862 | 0.710 | 0.569 | 0.469 | 0.388 | m ³ /s |
| Tage | 182 | 205 | 228 | 251 | 274 | 292 | 310 | 329 | 347 | 356 | 362 | 365 | |
| 2015 | 0.205 | 0.161 | 0.129 | 0.115 | 0.106 | 0.099 | 0.091 | 0.079 | 0.068 | 0.062 | 0.059 | 0.054 | m ³ /s |
| 1984 - 2015 | 0.328 | 0.275 | 0.232 | 0.194 | 0.168 | 0.148 | 0.129 | 0.111 | 0.091 | 0.078 | 0.065 | 0.026 | m ³ /s |

Wasserstand



Hintere Frenke - Bubendorf, Morgental

Stationsnummer: BL 4309

Einzugsgebiet: 38.20 km²

Höhe Station: 352 m ü. M.

Kanton Basel-Landschaft

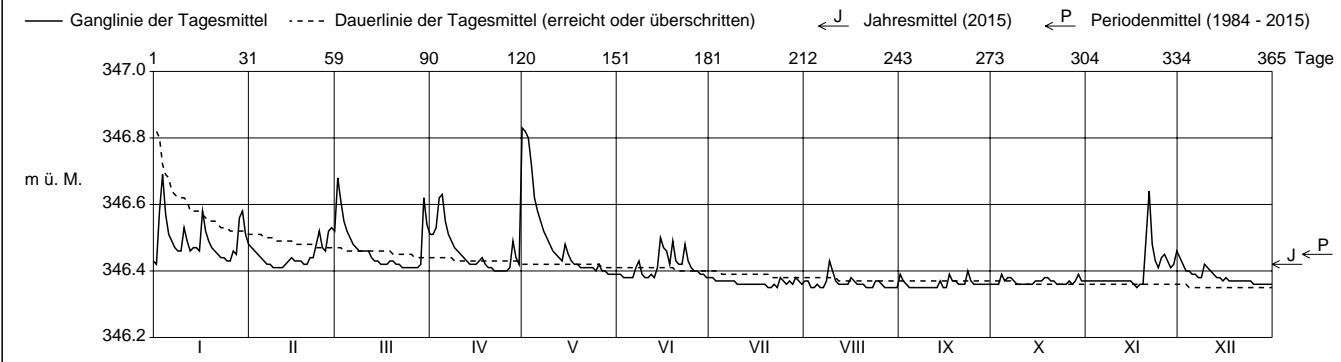
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2622 278 / 1256 550

Mittlere Höhe: 603 m ü. M.

| 2015 | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------|
| Tagesmittel | 1 346.43 2 346.42 - 3 346.58 4 346.69 + 5 346.57 | 346.48 346.47 346.46 346.45 346.44 | 346.52 346.68 + 346.61 346.55 346.52 | 346.51 346.51 346.53 346.62 346.63 + | 346.83 + 346.82 346.80 346.72 346.62 | 346.39 346.39 346.38 - 346.38 346.38 | 346.38 + 346.38 + 346.37 346.35 - 346.37 | 346.37 346.37 346.36 346.35 - 346.36 | 346.39 346.37 346.36 346.35 - 346.35 | 346.36 - 346.36 - 346.36 346.39 + 346.37 | 346.37 346.36 - 346.37 346.38 346.37 | 346.42 + 346.42 346.40 346.37 346.41 | 346.44 + 346.42 346.40 346.38 346.42 | 1 2 3 4 5 |
| | 6 346.51 7 346.49 8 346.47 9 346.46 10 346.46 | 346.43 346.42 346.42 346.41 - 346.41 | 346.50 346.48 346.47 346.46 346.46 | 346.55 346.51 346.49 346.47 346.46 | 346.58 346.55 346.52 346.50 346.48 | 346.38 346.41 346.43 346.39 346.38 | 346.37 346.37 346.37 346.43 + 346.36 | 346.35 - 346.35 - 346.37 346.35 - 346.40 | 346.35 - 346.35 - 346.35 - 346.35 - 346.35 - | 346.38 346.38 346.37 346.38 346.37 | 346.37 346.37 346.37 346.37 346.37 | 346.39 346.38 346.38 346.42 346.41 | 346.39 346.38 346.38 346.42 346.41 | 6 7 8 9 10 |
| m ü. M. | 11 346.53 12 346.49 13 346.46 14 346.47 15 346.47 | 346.41 - 346.41 - 346.42 346.43 346.44 | 346.46 346.46 346.44 346.43 346.43 | 346.45 346.44 346.43 346.42 346.42 | 346.46 346.45 346.44 346.43 346.48 | 346.38 346.39 346.38 346.41 346.50 + | 346.36 346.36 346.36 346.36 346.36 | 346.37 346.36 346.36 346.36 346.36 | 346.35 - 346.35 - 346.35 - 346.37 346.35 - | 346.36 - 346.36 - 346.36 - 346.37 346.37 | 346.37 346.37 346.37 346.37 346.37 | 346.40 346.39 346.38 346.37 346.37 | 346.40 346.39 346.38 346.38 346.37 | 11 12 13 14 15 |
| | 16 346.46 17 346.58 18 346.52 19 346.49 20 346.47 | 346.43 346.43 346.42 346.42 346.42 | 346.42 346.42 346.43 346.43 346.43 | 346.42 346.44 346.42 346.41 346.41 | 346.45 346.43 346.42 346.42 346.41 | 346.47 346.46 346.42 346.49 346.43 | 346.36 346.36 346.36 346.36 346.35 - | 346.38 346.37 346.36 346.36 346.36 | 346.35 - 346.39 346.37 346.37 346.36 | 346.37 346.37 346.38 346.38 346.37 | 346.36 346.35 - 346.38 346.36 346.50 | 346.36 346.37 346.36 346.36 346.37 | 346.38 346.37 346.37 346.37 346.37 | 16 17 18 19 20 |
| + Maximum | 21 346.46 22 346.45 23 346.44 24 346.44 25 346.43 | 346.44 346.44 346.48 346.52 346.47 | 346.42 346.42 346.41 - 346.41 - 346.41 - | 346.41 346.40 - 346.40 - 346.40 - 346.40 | 346.41 346.41 346.41 346.41 346.40 | 346.42 346.42 346.48 346.43 346.41 | 346.35 - 346.36 346.35 - 346.37 346.37 | 346.35 - 346.36 346.35 - 346.37 346.37 | 346.36 346.35 - 346.35 - 346.37 346.36 | 346.36 346.36 346.40 + 346.36 346.36 | 346.37 346.36 346.36 346.36 346.36 | 346.64 + 346.48 346.43 346.41 346.44 | 346.37 346.37 346.37 346.37 346.36 | 21 22 23 24 25 |
| - Minimum | 26 346.43 27 346.46 28 346.45 29 346.56 30 346.58 31 346.51 | 346.46 346.52 346.53 + 346.41 346.41 | 346.41 - 346.41 - 346.41 - 346.42 346.62 | 346.40 - 346.41 346.49 346.44 346.42 | 346.42 346.40 346.40 346.39 346.39 | 346.40 346.40 346.39 346.39 346.38 - | 346.40 346.37 346.36 346.38 + 346.37 | 346.36 346.35 - 346.35 - 346.36 346.35 - | 346.36 346.36 346.36 346.36 346.36 | 346.37 346.36 346.36 346.39 + 346.37 | 346.37 346.36 346.37 346.39 + 346.37 | 346.45 346.43 346.41 346.42 346.46 | 346.36 346.36 346.36 346.36 346.36 | 26 27 28 29 30 31 |
| Monatsmittel | 346.49 + | 346.45 | 346.47 | 346.46 | 346.49 + | 346.41 | 346.36 - | 346.36 - | 346.36 - | 346.37 | 346.40 | 346.38 | m ü. M. | |
| Maximum (Spitze) | 346.83 03. | 346.62 27. | 346.92 02. | 346.81 04. | 347.13 + 01. | 346.82 07. | 346.58 24. | 346.77 08. | 346.51 01. | 346.45 - 04. | 346.93 20. | 346.47 09. | m ü. M. Datum | |

Jahreswerte in m ü. M. Mittel 346.42 Maximum 346.83 (01.05.2015) Minimum 346.35 (30.08.2015) Spitze 347.13 (01.05.2015)



| Periode | 1984 - 2015 (32 Jahre) | | | | | | | | | | | | |
|------------------------|------------------------|----------------|------------------|------------------|----------------|----------------|----------------|------------------|------------------|----------------|----------------|----------------|-----------------|
| Monatsmittel | 346.47 | 346.47 | 346.49 + | 346.48 | 346.46 | 346.44 | 346.41 | 346.40 - | 346.40 - | 346.42 | 346.45 | 346.48 | m ü. M. |
| Maximum (Spitze) | 346.93 - 1986 | 347.14 1999 | 347.22 2001 | 347.43 2006 | 347.38 1999 | 347.29 1990 | 347.36 2012 | 347.70 + 2007 | 347.23 2006 | 347.25 2012 | 347.17 1995 | 347.14 2010 | m ü. M. Jahr |
| Minimum (Momentanwert) | 346.37 + 1989 | 346.36 1989 | 346.37 + 1986 | 346.37 + 2014 | 346.35 2011 | 346.34 1989 | 346.34 2015 | 346.32 - 1984 | 346.32 - 1984 | 346.34 1985 | 346.35 2015 | 346.33 1986 | m ü. M. Jahr |

Grösstes Jahresmittel 346.49 (1999) m ü. M. **Periodenmittel** 346.45 m ü. M. **Kleinste Jahresmittel** 346.41 (1989) m ü. M.

| Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten) | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Tage | 1 | 3 | 6 | 9 | 18 | 36 | 55 | 73 | 91 | 114 | 137 | 160 | |
| 2015 | 346.83 | 346.80 | 346.68 | 346.62 | 346.56 | 346.51 | 346.47 | 346.46 | 346.44 | 346.43 | 346.42 | 346.41 | m ü. M. |
| 1984 - 2015 | 346.80 | 346.71 | 346.67 | 346.64 | 346.60 | 346.56 | 346.53 | 346.51 | 346.49 | 346.47 | 346.45 | 346.44 | m ü. M. |
| Tage | 182 | 205 | 228 | 251 | 274 | 292 | 310 | 329 | 347 | 356 | 362 | 365 | |
| 2015 | 346.40 | 346.38 | 346.37 | 346.37 | 346.37 | 346.36 | 346.36 | 346.36 | 346.35 | 346.35 | 346.35 | 346.35 | m ü. M. |
| 1984 - 2015 | 346.43 | 346.42 | 346.41 | 346.40 | 346.39 | 346.39 | 346.38 | 346.37 | 346.36 | 346.36 | 346.35 | 346.33 | m ü. M. |