

Station Name: Glenledi Raws (CYB)

Period: 1994-08-24 - 2021-07-02

Length of record: 26 years

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | FIRE SEASON |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------------|
| Temperature, degrees Celsius | | | | | | | | | | | | | | |
| mean | 16.5 | 16.7 | 15.5 | 13 | 10.7 | 8.1 | 7.8 | 9 | 11.2 | 12.5 | 13.6 | 15.5 | 12.5 | 14.8 |
| median | 16.3 | 16.3 | 15.3 | 12.8 | 10.6 | 8.1 | 7.6 | 8.8 | 10.9 | 12.2 | 13.3 | 15.3 | 12.2 | 14.3 |
| max | 31.4 | 33 | 28.4 | 23.8 | 22.6 | 17.6 | 23.6 | 19.8 | 25.9 | 26.6 | 27.4 | 31.1 | 33 | 33 |
| min | 6.8 | 6.6 | 5.7 | 2.6 | 0.5 | 0.2 | 0.5 | -0.1 | -1.4 | 1 | 3.2 | 6 | -1.4 | 1 |
| Relative Humidity, % | | | | | | | | | | | | | | |
| mean | 72 | 71.4 | 71.8 | 73.7 | 76.7 | 78.4 | 77 | 75.2 | 69.5 | 68.3 | 69.5 | 70.5 | 72.8 | 71 |
| median | 72 | 71.4 | 72 | 74 | 78 | 80 | 78 | 76 | 70 | 68.8 | 70 | 71 | 74 | 71.3 |
| max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 100 | 100 |
| min | 20 | 32.9 | 29 | 29 | 33 | 39 | 35.6 | 35.5 | 28 | 25 | 26 | 29.8 | 20 | 20 |
| Wind Speed, km/h | | | | | | | | | | | | | | |
| mean | 18.7 | 18 | 17.3 | 17.3 | 16.9 | 17.9 | 16.8 | 17.6 | 19.6 | 21.3 | 21.2 | 19.8 | 18.5 | 19.1 |
| median | 16.4 | 16.2 | 15.5 | 15.6 | 15 | 16.9 | 15 | 16 | 18.6 | 19.4 | 20 | 18.1 | 16.9 | 17.3 |
| max | 56.1 | 68.3 | 58.1 | 60.7 | 67.7 | 51.3 | 53.9 | 57.9 | 68.6 | 61 | 64.4 | 59.8 | 68.6 | 68.3 |
| min | 1.6 | 2 | 0.9 | 0.7 | 0.1 | 0.3 | 0 | 0 | 0 | 1.8 | 0 | 1.8 | 0 | 0 |
| 24-hr Rainfall, millimeters | | | | | | | | | | | | | | |
| mean | 2.7 | 2.6 | 1.7 | 2.3 | 2.7 | 2.6 | 2.1 | 1.9 | 1.7 | 2.6 | 2.6 | 2.5 | 2.3 | 2.4 |
| median | 0.2 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 |
| max | 73.8 | 76.8 | 63.4 | 87.2 | 63.8 | 115.6 | 64.8 | 45.8 | 42.6 | 48.6 | 46.2 | 60.6 | 115.6 | 87.2 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Rainfall, millimetres | | | | | | | | | | | | | | |
| mean | 79.5 | 73 | 53.8 | 70.5 | 81.1 | 73.6 | 65 | 60.5 | 54.3 | 81.3 | 79.5 | 80 | 71 | 73.9 |
| max | 190.2 | 207.4 | 111.4 | 227 | 185.2 | 264 | 185.4 | 131.4 | 138.8 | 202 | 228.8 | 172 | 264 | 228.8 |
| min | 10.2 | 14.4 | 0.2 | 5.4 | 17.2 | 24.2 | 17.8 | 15 | 13 | 29.6 | 23.2 | 23.4 | 0.2 | 0.2 |
| Seasonal Rainfall, millimetres | | | | | | | | | | | | | | |
| mean | | | | | | | | | | | | | 852 | 517.5 |
| max | | | | | | | | | | | | | 1285.6 | 956 |
| min | | | | | | | | | | | | | 572.2 | 191.8 |
| Fine Fuel Moisture Code, FFMC | | | | | | | | | | | | | | |
| mean | 69.2 | 71.4 | 71.5 | 66.9 | 60.5 | 58.4 | 61.3 | 62.3 | 69.2 | 67.4 | 68.5 | 69.4 | 66.3 | 69.2 |
| median | 78 | 78.4 | 78.3 | 76.2 | 66.4 | 62.5 | 67.1 | 69.3 | 76.2 | 73.2 | 74.6 | 76.2 | 73.5 | 76.6 |
| max | 94.2 | 90.4 | 90.9 | 90.6 | 88.7 | 86.8 | 88.7 | 88.2 | 90.1 | 92.8 | 92.5 | 91.6 | 94.2 | 94.2 |
| min | 5.9 | 2 | 5.4 | 5.1 | 2 | 5.5 | 2.8 | 4.2 | 9.4 | 0.9 | 9.6 | 3.9 | 0.9 | 0.9 |
| Duff Moisture Code, DMC | | | | | | | | | | | | | | |
| mean | 10.4 | 11.7 | 11.5 | 8.4 | 3.8 | 1.2 | 1.5 | 3 | 6.2 | 6.6 | 7.9 | 10.7 | 6.9 | 9.6 |
| median | 8.3 | 9.7 | 8.6 | 5.5 | 2.3 | 0.7 | 1.1 | 1.8 | 4.8 | 5.2 | 6.5 | 8.5 | 4.6 | 7.5 |
| max | 43.4 | 44.3 | 46.5 | 52 | 31.4 | 11.5 | 8.9 | 16 | 26.3 | 28.8 | 34.4 | 40.9 | 52 | 52 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Drought Code, DC | | | | | | | | | | | | | | |
| mean | 208.2 | 244.5 | 264.4 | 260.9 | 188.7 | 104.5 | 73.1 | 59.4 | 57.6 | 64 | 99.9 | 166.4 | 149.2 | 186.2 |
| median | 198.3 | 241.1 | 253 | 242.3 | 148.6 | 57.8 | 27.4 | 21.4 | 29.9 | 46.1 | 87.8 | 169.9 | 127.7 | 175.5 |
| max | 582 | 703.4 | 734.9 | 746.3 | 775.2 | 724.1 | 397.6 | 269.3 | 271 | 237.4 | 307.3 | 400.1 | 775.2 | 746.3 |
| min | 5.4 | 4.9 | 48.3 | 2.6 | 0.4 | 0 | 0 | 0 | 0 | 1.7 | 3.6 | 5.3 | 0 | 1.7 |
| Initial Spread Index, ISI | | | | | | | | | | | | | | |
| mean | 3.2 | 3.2 | 3 | 2.5 | 1.8 | 1.4 | 1.5 | 2.1 | 3.2 | 3.4 | 3.4 | 3.3 | 2.7 | 3.1 |
| median | 2.2 | 2.3 | 2.1 | 1.7 | 1.1 | 1 | 1.2 | 1.3 | 2.2 | 2 | 2.2 | 2.4 | 1.7 | 2.1 |
| max | 43.5 | 40.7 | 33.3 | 28.6 | 35.3 | 12.3 | 10.8 | 33.4 | 27.1 | 50 | 37.7 | 30.3 | 50 | 50 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buildup Index, BUI | | | | | | | | | | | | | | |
| mean | 17.9 | 20.2 | 19.7 | 14.7 | 6.8 | 2.1 | 2.6 | 4.5 | 8.4 | 9.4 | 12.5 | 17.6 | 11.4 | 16 |
| median | 14.5 | 17.2 | 15.4 | 10.5 | 4.2 | 1.3 | 1.7 | 2.7 | 6.5 | 7.8 | 10.7 | 14.8 | 7.7 | 12.9 |
| max | 69.7 | 73.5 | 67.4 | 75.5 | 57 | 19.5 | 15.1 | 23.2 | 35.3 | 38.9 | 45.6 | 59.3 | 75.5 | 75.5 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fire Weather Index, FWI | | | | | | | | | | | | | | |
| mean | 4.8 | 5.1 | 4.7 | 3.4 | 1.6 | 0.7 | 0.8 | 1.6 | 3.1 | 3.5 | 4 | 4.9 | 3.2 | 4.3 |
| median | 2.9 | 3.6 | 2.8 | 1.7 | 0.4 | 0.3 | 0.4 | 0.5 | 1.2 | 1.5 | 2 | 3.1 | 0.9 | 2.4 |
| max | 59.8 | 58 | 37.8 | 29.3 | 31.1 | 6.9 | 8.7 | 29.5 | 27.3 | 39.4 | 39.4 | 42.9 | 59.8 | 59.8 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily Severity Rating, DSR | | | | | | | | | | | | | | |
| mean | 0.9 | 0.9 | 0.8 | 0.5 | 0.2 | 0 | 0 | 0.2 | 0.4 | 0.6 | 0.7 | 0.9 | 0.5 | 0.7 |
| median | 0.2 | 0.3 | 0.2 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0.2 | 0 | 0.1 |
| max | 38 | 35.9 | 16.9 | 10.7 | 12 | 0.8 | 1.2 | 10.8 | 9.5 | 18.2 | 18.2 | 21.1 | 38 | 38 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Severity Rating, MSR | | | | | | | | | | | | | | |
| mean | 28.8 | 24.9 | 23.9 | 14 | 5.9 | 1.1 | 1.4 | 5.2 | 12.2 | 17.1 | 18 | 25.9 | 14.9 | 21.8 |
| max | 122.6 | 119.1 | 75.6 | 45.5 | 40.4 | 3.2 | 4.5 | 34.7 | 36.3 | 64.1 | 56.6 | 97.5 | 122.6 | 122.6 |
| min | 5.1 | 1.3 | 1.4 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 1.1 | 0.3 | 2.5 | 3.3 | 0.1 | 0.3 |
| Cumulative Daily Severity Rating, CDSR | | | | | | | | | | | | | | |
| mean | | | | | | | | | | | | | 178.4 | 155.4 |
| max | | | | | | | | | | | | | 320.5 | 322.6 |
| min | | | | | | | | | | | | | 48.8 | 48.4 |

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | FIRE SEASON |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------|
| Forest Fire Danger Class (FFDC) Frequency | | | | | | | | | | | | | | |
| Low | | | | | | | | | | | | | | |
| mean | 19.9 | 17.7 | 19.7 | 22.1 | 28.7 | 30 | 30.9 | 29.5 | 25.7 | 25.5 | 23.2 | 19.9 | 292.7 | 147 |
| max | 28 | 27 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 | 343 | 182 |
| min | 5 | 4 | 0 | 1 | 8 | 29 | 29 | 16 | 15 | 12 | 15 | 4 | 248 | 71 |
| Moderate | | | | | | | | | | | | | | |
| mean | 9.8 | 9.7 | 10.3 | 7.5 | 2.2 | 0 | 0.1 | 1.4 | 4.3 | 5.2 | 6.4 | 9.9 | 67 | 59.7 |
| max | 23 | 20 | 27 | 28 | 20 | 1 | 2 | 14 | 15 | 18 | 13 | 22 | 106 | 125 |
| min | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 25 |
| High | | | | | | | | | | | | | | |
| mean | 1 | 0.7 | 0.9 | 0.3 | 0.1 | 0 | 0 | 0 | 0 | 0.3 | 0.4 | 0.9 | 4.7 | 4.5 |
| max | 5 | 4 | 5 | 4 | 3 | 0 | 0 | 1 | 1 | 2 | 3 | 8 | 15 | 15 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very High | | | | | | | | | | | | | | |
| mean | 0.2 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.7 | 0.9 |
| max | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 7 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Extreme | | | | | | | | | | | | | | |
| mean | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.2 |
| max | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very Extreme | | | | | | | | | | | | | | |
| mean | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| max | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grass Fire Danger Class (GFDC) Frequency | | | | | | | | | | | | | | |
| Curing source Otago (Coastal Otago) | | | | | | | | | | | | | | |
| Curing% | 60 | 70 | 60 | 60 | 30 | 30 | 30 | 40 | 50 | 50 | 40 | 60 | | |
| Low | | | | | | | | | | | | | | |
| mean | 6.8 | 4.1 | 5.5 | 7.8 | 12.8 | 13.6 | 12.2 | 10.9 | 6.2 | 6.7 | 6.6 | 6.9 | 100 | 44.3 |
| max | 12 | 9 | 12 | 15 | 25 | 21 | 22 | 23 | 14 | 16 | 11 | 15 | 129 | 62 |
| min | 0 | 0 | 0 | 0 | 3 | 7 | 3 | 1 | 1 | 1 | 1 | 2 | 61 | 17 |
| Moderate | | | | | | | | | | | | | | |
| mean | 22.2 | 19.3 | 23.9 | 21.1 | 17.8 | 16.3 | 18.7 | 19.2 | 20.6 | 20.8 | 20.7 | 21.8 | 242.5 | 149.7 |
| max | 28 | 24 | 28 | 29 | 26 | 23 | 28 | 29 | 27 | 26 | 28 | 28 | 273 | 173 |
| min | 17 | 15 | 17 | 15 | 6 | 9 | 9 | 8 | 14 | 14 | 16 | 15 | 224 | 136 |
| High | | | | | | | | | | | | | | |
| mean | 1.8 | 4.3 | 1.5 | 1.1 | 0.4 | 0.1 | 0.1 | 0.8 | 2.9 | 2.8 | 2.4 | 2.2 | 20.4 | 16.4 |
| max | 7 | 10 | 5 | 6 | 2 | 1 | 1 | 5 | 8 | 10 | 6 | 7 | 41 | 36 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| Very High | | | | | | | | | | | | | | |
| mean | 0.3 | 0.3 | 0.1 | 0 | 0 | 0 | 0 | 0.1 | 0.3 | 0.5 | 0.3 | 0.1 | 2.1 | 1.7 |
| max | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 3 | 4 | 2 | 1 | 8 | 7 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Extreme | | | | | | | | | | | | | | |
| mean | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0.3 | 0.3 |
| max | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very Extreme | | | | | | | | | | | | | | |
| mean | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| max | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Scrub Fire Danger Class (SFDC) Frequency | | | | | | | | | | | | | | |
| Low | | | | | | | | | | | | | | |
| mean | 7.7 | 5.9 | 6.2 | 8.7 | 12.5 | 13.6 | 11.7 | 11.9 | 7.7 | 9.4 | 8 | 8 | 111.5 | 54 |
| max | 14 | 13 | 13 | 17 | 24 | 21 | 22 | 25 | 16 | 20 | 14 | 18 | 148 | 82 |
| min | 2 | 1 | 0 | 0 | 2 | 6 | 2 | 1 | 1 | 2 | 1 | 2 | 74 | 22 |
| Moderate | | | | | | | | | | | | | | |
| mean | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| max | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| High | | | | | | | | | | | | | | |
| mean | 2.5 | 3 | 3.8 | 3.3 | 4.6 | 5 | 5.4 | 3.8 | 3 | 3.2 | 2.6 | 2.5 | 42.8 | 20.6 |
| max | 6 | 8 | 9 | 9 | 11 | 10 | 10 | 10 | 9 | 6 | 7 | 9 | 79 | 34 |
| min | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 26 | 10 |
| Very High | | | | | | | | | | | | | | |
| mean | 4.4 | 4.3 | 5.5 | 5 | 4.7 | 4.5 | 5.8 | 5.1 | 3.9 | 3.8 | 4.5 | 3.6 | 55.2 | 30.9 |
| max | 8 | 10 | 11 | 12 | 13 | 10 | 10 | 9 | 8 | 9 | 9 | 9 | 71 | 50 |
| min | 1 | 0 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 44 | 20 |
| Extreme | | | | | | | | | | | | | | |
| mean | 9.2 | 8.3 | 9.2 | 7.8 | 5.8 | 4.8 | 5.7 | 6.7 | 8.6 | 7 | 8 | 9.3 | 90.3 | 58.6 |
| max | 13 | 14 | 14 | 16 | 12 | 8 | 14 | 15 | 14 | 14 | 14 | 16 | 111 | 77 |
| min | 5 | 2 | 2 | 2 | 0 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 70 | 42 |

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | FIRE SEASON |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------------|
| Very Extreme | | | | | | | | | | | | | | |
| mean | 7.2 | 6.7 | 6.3 | 5.2 | 3.3 | 2.1 | 2.3 | 3.6 | 6.7 | 7.5 | 6.9 | 7.6 | 65.4 | 48.1 |
| max | 15 | 13 | 14 | 12 | 10 | 6 | 8 | 13 | 17 | 18 | 15 | 16 | 102 | 81 |
| min | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 33 | 21 |