

HIGASHIYAMA

2000

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff: n/a

n/a

| day   | January |        | February |        | March |        | April |        | May  |        | June  |        | July |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|-------|--------|------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain | runoff | rain  | runoff | rain | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 0.8    | 0.0      | 0.9    | 0.0   | 0.7    | 2.0   | 3.8    | 4.5  | 3.0    | 22.0  | 3.3    | 0.0  | 6.1    | 1.0    | 1.2    | 8.0       | 0.6    | 32.5    | n/a    | n/a      | n/a    | n/a      | n/a    |
| 2     | 0.0     | 0.8    | 0.0      | 0.9    | 0.0   | 0.8    | 0.0   | 3.1    | 0.0  | 2.9    | 0.0   | 2.4    | 0.0  | 4.9    | 0.0    | 0.9    | 3.0       | 0.9    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 3     | 0.0     | 0.8    | 0.0      | 0.9    | 0.0   | 0.8    | 0.0   | 2.8    | 4.0  | 2.9    | 0.0   | 1.9    | 0.0  | 4.1    | 0.0    | 1.0    | 7.0       | 0.8    | 21.5    | n/a    | n/a      | n/a    | n/a      | n/a    |
| 4     | 0.0     | 0.8    | 0.0      | 0.9    | 0.0   | 0.8    | 0.0   | 2.5    | 0.0  | 2.6    | 2.0   | 1.8    | 0.0  | 3.6    | 0.0    | 1.0    | 0.0       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 5     | 0.0     | 0.8    | 0.0      | 0.8    | 26.0  | 2.3    | 5.5   | 2.5    | 0.0  | 2.4    | 0.0   | 1.7    | 0.5  | 3.2    | 1.0    | 1.1    | 0.0       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 6     | 0.0     | 0.8    | 4.5      | 0.8    | 0.0   | 1.5    | 3.0   | 2.5    | 0.0  | 2.3    | 0.0   | 1.5    | 0.5  | 2.9    | 1.0    | 1.0    | 0.0       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 7     | 0.0     | 1.0    | 10.0     | 1.5    | 0.0   | 1.2    | 0.0   | 2.1    | 0.0  | 2.2    | 0.0   | 1.4    | 0.0  | 2.7    | 1.5    | 1.0    | 0.5       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 8     | 0.0     | 1.1    | 0.0      | 1.0    | 0.0   | 1.1    | 0.0   | 2.0    | 7.5  | 2.7    | 0.0   | 1.3    | 2.5  | 2.8    | 3.5    | 1.1    | 0.0       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 9     | 0.0     | 0.9    | 0.0      | 1.0    | 0.0   | 1.2    | 0.0   | 1.9    | 0.0  | 2.5    | 57.0  | 5.4    | 0.0  | 2.4    | 0.0    | 0.9    | 6.0       | 0.6    | 5.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 10    | 14.5    | 1.1    | 0.0      | 0.9    | 0.0   | 1.2    | 0.0   | 1.8    | 0.0  | 2.2    | 9.5   | 6.7    | 0.0  | 2.2    | 0.0    | 0.9    | 0.0       | 0.5    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 11    | 0.0     | 1.4    | 0.0      | 0.9    | 0.0   | 1.2    | 57.5  | 9.1    | 0.0  | 2.0    | 10.5  | 4.1    | 0.0  | 2.0    | 52.0   | 3.2    | 33.0      | 1.1    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 12    | 0.0     | 1.0    | 0.0      | 0.9    | 1.5   | 1.2    | 0.0   | 5.9    | 0.0  | 1.9    | 1.0   | 3.7    | 1.5  | 1.9    | 0.0    | 1.4    | 444.0     | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 13    | 2.0     | 1.0    | 0.0      | 0.9    | 0.0   | 1.3    | 0.0   | 4.4    | 0.0  | 1.8    | 3.5   | 3.2    | 0.0  | 1.9    | 0.0    | 1.1    | 5.0       | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 14    | 4.0     | 1.2    | 0.0      | 0.8    | 0.0   | 1.3    | 0.0   | 3.6    | 0.0  | 1.8    | 17.5  | 4.2    | 0.5  | 1.8    | 1.0    | 1.0    | 0.0       | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 15    | 0.0     | 1.0    | 0.0      | 0.8    | 0.0   | 1.2    | 0.0   | 3.0    | 0.0  | 1.7    | 0.0   | 3.9    | 10.0 | 1.9    | 0.0    | 0.9    | 0.0       | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 16    | 0.0     | 0.9    | 0.0      | 0.8    | 14.0  | 1.4    | 15.0  | 3.6    | 1.5  | 1.8    | 0.0   | 3.1    | 14.5 | 2.8    | 0.0    | 0.8    | 10.5      | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 17    | 18.0    | 1.4    | 0.0      | 0.8    | 10.0  | 1.9    | 0.0   | 2.9    | 1.0  | 1.7    | 0.5   | 2.6    | 0.0  | 1.9    | 0.0    | 0.8    | 22.5      | n/a    | 0.0     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 18    | 0.0     | 1.4    | 7.0      | 0.8    | 0.0   | 1.2    | 0.0   | 2.6    | 4.0  | 1.8    | 28.5  | 4.7    | 0.0  | 1.6    | 0.0    | 0.8    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 19    | 0.0     | 1.1    | 1.0      | 0.8    | 0.0   | 1.1    | 0.0   | 2.5    | 0.0  | 1.6    | 0.0   | 3.8    | 0.0  | 1.5    | 0.0    | 0.7    | 0.5       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 20    | 0.0     | 1.0    | 3.5      | 0.9    | 1.0   | 1.1    | 58.5  | 7.0    | 6.0  | 1.6    | 0.0   | 3.1    | 0.0  | 1.4    | 0.0    | 0.7    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 21    | 0.0     | 1.0    | 1.5      | 1.4    | 0.0   | 1.0    | 0.5   | 7.8    | 4.5  | 1.9    | 0.0   | 2.7    | 0.0  | 1.3    | 0.0    | 0.7    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 22    | 0.0     | 0.9    | 0.0      | 1.0    | 0.0   | 1.0    | 21.0  | 7.7    | 0.0  | 1.6    | 0.0   | 2.5    | 0.0  | 1.2    | 0.0    | 0.7    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 23    | 0.0     | 0.9    | 0.0      | 0.9    | 0.0   | 0.9    | 0.0   | 6.3    | 0.0  | 1.4    | 13.5  | 3.0    | 0.0  | 1.1    | 0.0    | 0.6    | 3.5       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 24    | 15.5    | 1.8    | 0.0      | 0.9    | 51.0  | 4.7    | 0.0   | 5.1    | 0.0  | 1.3    | 5.0   | 3.0    | 0.0  | 1.0    | 0.0    | 0.5    | 55.0      | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 25    | 0.0     | 1.4    | 0.0      | 0.9    | 2.0   | 4.0    | 0.0   | 4.4    | 0.0  | 1.2    | 33.0  | 5.6    | 1.5  | 1.1    | 0.0    | 0.5    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 26    | 0.0     | 1.2    | 0.0      | 0.8    | 0.5   | 2.7    | 0.0   | 4.0    | 0.0  | 1.2    | 0.0   | 6.1    | 36.0 | 3.9    | 0.0    | 0.5    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 27    | 0.0     | 1.1    | 0.0      | 0.8    | 0.5   | 2.2    | 9.5   | 4.2    | 0.0  | 1.2    | 1.0   | 4.9    | 0.0  | 1.7    | 0.0    | 0.5    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 28    | 0.0     | 1.0    | 2.5      | 0.8    | 0.0   | 2.0    | 0.0   | 3.6    | 43.5 | 4.0    | 29.5  | 6.6    | 0.0  | 1.2    | 0.0    | 0.5    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 29    | 0.0     | 1.0    | 0.0      | 0.8    | 55.0  | 10.6   | 0.0   | 3.3    | 0.0  | 2.7    | 5.5   | 8.2    | 4.5  | 1.9    | 0.0    | 0.4    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 30    | 0.0     | 1.0    |          |        | 0.0   | 6.4    | 0.0   | 3.0    | 0.0  | 1.9    | 16.0  | 8.6    | 1.0  | 1.4    | 12.0   | 0.8    | 0.0       | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |
| 31    | 0.0     | 1.0    |          |        | 0.0   | 4.6    |       |        | 3.0  | 1.6    |       |        | 13.0 | 1.5    | 0.0    | 0.5    |           |        | n/a     | n/a    |          |        | n/a      | n/a    |
| total | 54.0    | 32.6   | 30.0     | 26.3   | 161.5 | 64.6   | 172.5 | 119.0  | 79.5 | 63.4   | 255.5 | 115.0  | 86.0 | 70.9   | 73.0   | 27.7   | 598.5     | n/a    | n/a     | n/a    | n/a      | n/a    | n/a      | n/a    |

HIGASHIYAMA

2001

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff: n/a

n/a

| day   | January |        | February |        | March |        | April |        | May  |        | June |        | July |        | August |        | September |        | October |        | November |        | December |        |     |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|-----|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain | runoff | rain | runoff | rain | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |     |
| 1     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 1.0  | n/a    | 2.5    | n/a    | 0.0       | 3.4    | 44.0    | 8.5    | 0.0      | 1.9    | 0.0      | 1.4    |     |
| 2     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.5  | n/a    | 0.0    | n/a    | 0.0       | 2.6    | 0.0     | 3.9    | 0.0      | 1.9    | 0.0      | 1.3    |     |
| 3     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | n/a    | 27.5      | 2.8    | 0.0     | 3.0    | 27.5     | 2.8    | 0.0      | 1.3    |     |
| 4     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | n/a    | 2.0       | 4.8    | 4.5     | 2.8    | 0.0      | 2.9    | 4.5      | 1.4    |     |
| 5     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | n/a    | 0.0       | 2.9    | 3.0     | 2.8    | 14.5     | 2.6    | 0.0      | 1.2    |     |
| 6     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 2.0  | n/a    | 0.0    | n/a    | 0.5       | 2.5    | 0.0     | 2.2    | 15.5     | 4.9    | 5.5      | 1.4    |     |
| 7     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 14.5   | n/a    | 5.5       | 2.5    | 0.0     | 2.0    | 0.0      | 3.3    | 0.0      | 1.2    |     |
| 8     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | n/a    | 0.0       | 2.2    | 0.0     | 1.9    | 0.0      | 2.8    | 0.0      | 1.2    |     |
| 9     | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 15.5   | n/a    | 0.0       | 2.0    | 1.0     | 1.8    | 0.0      | 2.6    | 0.0      | 1.1    |     |
| 10    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 35.5   | 1.7    | 50.5      | 5.2    | 43.5    | 5.4    | 0.0      | 2.4    | 0.0      | 1.1    |     |
| 11    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 4.0    | 1.2    | 10.5      | 7.3    | 0.5     | 3.5    | 0.0      | 2.2    | 0.0      | 1.1    |     |
| 12    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 7.0  | n/a    | 10.0   | 1.2    | 0.0       | 4.8    | 0.0     | 2.8    | 2.0      | 2.2    | 0.0      | 1.1    |     |
| 13    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 9.0  | n/a    | 2.5    | 1.0    | 16.5      | 4.0    | 0.0     | 2.4    | 0.0      | 2.0    | 20.5     | 2.0    |     |
| 14    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | 0.8    | 8.0       | 5.6    | 0.0     | 2.1    | 0.0      | 1.9    | 0.0      | 1.7    |     |
| 15    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 1.5  | n/a    | 0.0    | 0.7    | 0.5       | 3.6    | 0.0     | 1.9    | 0.0      | 1.8    | 0.5      | 1.6    |     |
| 16    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 28.0 | n/a    | 0.0    | 0.6    | 4.5       | 3.3    | 2.0     | 1.9    | 0.0      | n/a    | 1.5      | n/a    |     |
| 17    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 1.5  | n/a    | 0.5    | 0.6    | 0.0       | 2.9    | 45.5    | 5.2    | 0.0      | n/a    | 0.0      | n/a    |     |
| 18    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.5    | 0.5    | 0.0       | 2.6    | 10.0    | 5.0    | 0.0      | n/a    | 0.0      | n/a    |     |
| 19    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 3.0  | n/a    | 0.0    | 0.5    | 0.0       | 2.3    | 0.0     | 3.7    | 0.0      | n/a    | 0.0      | n/a    |     |
| 20    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 0.0    | 0.5    | 0.0       | 2.1    | 0.0     | 3.1    | 0.0      | n/a    | 0.0      | n/a    |     |
| 21    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 0.0  | n/a    | 59.5   | 3.1    | 1.0       | 2.0    | 0.0     | 2.8    | 0.0      | n/a    | 7.5      | 1.3    |     |
| 22    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 4.5    | n/a  | 0.0    | n/a    | 111.5  | 33.9      | 0.0    | 1.9     | 17.5   | 2.9      | 0.0    | n/a      | 0.5    | 1.3 |
| 23    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 2.0    | n/a  | 0.0    | n/a    | 0.0    | 8.2       | 0.0    | 1.7     | 1.0    | 3.5      | 0.0    | n/a      | 0.0    | 1.2 |
| 24    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 4.0    | n/a  | 0.0    | n/a    | 0.0    | 4.5       | 0.0    | 1.6     | 0.0    | 2.7      | 0.0    | n/a      | 0.0    | 1.1 |
| 25    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 0.0    | n/a  | 0.0    | n/a    | 0.0    | 3.3       | 0.0    | 1.4     | 0.0    | 2.4      | 0.0    | n/a      | 0.0    | 1.1 |
| 26    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 0.0    | n/a  | 4.0    | n/a    | 1.0    | 2.8       | 0.0    | 1.3     | 0.0    | 2.3      | 0.0    | n/a      | 0.0    | 1.1 |
| 27    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 0.0    | n/a  | 1.0    | n/a    | 0.0    | n/a       | 0.0    | 1.2     | 0.0    | 2.2      | 0.0    | n/a      | 0.0    | 1.1 |
| 28    | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 0.0    | n/a  | 0.0    | n/a    | 0.0    | n/a       | 8.0    | 1.5     | 8.5    | 2.3      | 0.0    | n/a      | 0.0    | 1.0 |
| 29    | n/a     | n/a    |          |        | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 0.0    | n/a  | 0.0    | n/a    | 0.0    | 1.4       | 0.0    | 1.2     | 0.0    | 2.4      | 10.0   | n/a      | 0.0    | 1.0 |
| 30    | n/a     | n/a    |          |        | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | 13.0   | n/a  | 0.0    | n/a    | 32.5   | 2.1       | 33.0   | 1.7     | 0.0    | 2.1      | 7.0    | n/a      | 0.0    | 1.0 |
| 31    | n/a     | n/a    |          |        | n/a   | n/a    |       |        | n/a  | n/a    |      |        | 0.0  | n/a    | 31.0   | 8.2    |           |        | 0.0     | 2.0    |          |        | 2.5      | 1.1    |     |
| total | n/a     | n/a    | n/a      | n/a    | n/a   | n/a    | n/a   | n/a    | n/a  | n/a    | n/a  | n/a    | 58.5 | n/a    | 321.0  | n/a    | 168.0     | 84.9   | 181.0   | 93.5   | 76.5     | n/a    | 43.0     | n/a    |     |

HIGASHIYAMA

2002

unit: mm/day

annual precipitation: 1335.5

annual runoff: 600.9

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 1.0    | 0.0      | 1.9    | 0.0   | 1.4    | 0.0   | 3.2    | 6.0   | 2.5    | 0.0   | 1.5    | 18.5  | 3.4    | 0.0    | 0.8    | 0.0       | 0.5    | 96.0    | 14.7   | 14.5     | 1.6    | 0.0      | 0.7    |
| 2     | 0.0     | 1.0    | 0.0      | 1.9    | 0.0   | 1.3    | 0.0   | 2.7    | 0.0   | 2.0    | 0.0   | 1.4    | 5.5   | 2.2    | 1.5    | 0.8    | 0.0       | 0.4    | 0.0     | 7.3    | 0.5      | 1.2    | 0.0      | 0.7    |
| 3     | 0.0     | 1.1    | 12.5     | 2.4    | 0.0   | 1.2    | 0.0   | 2.4    | 0.0   | 1.9    | 0.0   | 1.2    | 0.0   | 1.8    | 0.0    | 0.8    | 0.0       | 0.3    | 0.0     | 3.0    | 0.5      | 1.1    | 0.0      | 0.7    |
| 4     | 0.0     | 1.1    | 0.0      | 2.0    | 0.0   | 1.2    | 0.0   | 2.1    | 7.0   | 2.0    | 0.0   | 1.2    | 0.0   | 1.5    | 2.5    | 0.9    | 0.0       | 0.3    | 0.0     | 1.9    | 0.0      | 1.0    | 29.0     | 2.2    |
| 5     | 4.0     | 1.3    | 1.5      | 1.9    | 17.0  | 1.4    | 0.0   | 2.0    | 0.0   | 2.0    | 0.0   | 1.1    | 0.0   | 1.3    | 0.0    | 0.8    | 0.0       | 0.3    | 0.0     | 1.4    | 3.0      | 1.0    | 0.0      | 1.4    |
| 6     | 2.0     | 1.2    | 1.5      | 1.9    | 25.5  | 4.7    | 11.5  | 2.0    | 0.0   | 1.7    | 0.0   | 1.1    | 2.5   | 1.3    | 0.0    | 0.7    | 48.0      | 2.4    | 20.0    | 1.4    | 0.0      | 0.9    | 0.0      | 1.0    |
| 7     | 11.5    | 1.2    | 0.0      | 1.8    | 0.0   | 2.5    | 15.0  | 3.6    | 12.0  | 1.9    | 0.0   | 1.1    | 1.5   | 1.3    | 0.0    | 0.6    | 3.5       | 1.2    | 8.5     | 3.1    | 0.0      | 0.9    | 4.5      | 1.0    |
| 8     | 1.5     | 1.8    | 0.0      | 1.7    | 0.0   | 2.0    | 0.0   | 2.5    | 4.0   | 2.3    | 0.0   | 1.0    | 0.0   | 1.1    | 0.0    | 0.5    | 0.0       | 0.8    | 3.0     | 1.8    | 0.5      | 0.9    | 10.0     | 1.1    |
| 9     | 1.0     | 1.4    | 0.0      | 1.7    | 0.0   | 1.8    | 0.0   | 2.2    | 0.0   | 1.9    | 0.0   | 0.9    | 0.0   | 1.0    | 10.5   | 0.9    | 0.0       | 0.6    | 0.0     | 1.6    | 2.0      | 0.9    | 7.5      | 2.1    |
| 10    | 5.5     | 1.5    | 0.0      | 1.6    | 0.0   | 1.7    | 0.0   | 2.0    | 24.0  | 2.5    | 0.0   | 0.9    | 24.5  | 2.2    | 0.0    | 0.7    | 0.0       | 0.5    | 0.0     | 1.3    | 0.5      | 0.8    | 0.0      | 1.4    |
| 11    | 8.0     | 1.6    | 0.5      | 1.6    | 0.0   | 1.6    | 11.5  | 2.1    | 11.5  | 4.8    | 26.5  | 1.7    | 0.0   | 1.5    | 0.0    | 0.6    | 0.0       | 0.5    | 0.0     | 1.2    | 2.0      | 0.8    | 0.0      | 1.2    |
| 12    | 2.5     | 1.5    | 1.0      | 1.7    | 0.0   | 1.5    | 10.0  | 3.3    | 0.0   | 3.2    | 2.5   | 1.9    | 0.0   | 1.2    | 26.0   | 1.5    | 5.0       | 0.7    | 0.0     | 1.1    | 0.0      | 0.9    | 0.0      | 1.1    |
| 13    | 0.0     | 1.6    | 3.5      | 1.6    | 0.0   | 1.4    | 0.0   | 2.4    | 0.0   | 2.6    | 0.0   | 1.2    | 19.0  | 2.1    | 0.0    | 1.1    | 0.0       | 0.6    | 0.0     | 1.0    | 0.0      | 0.8    | 0.0      | 1.0    |
| 14    | 0.0     | 1.5    | 1.0      | 1.6    | 0.5   | 1.4    | 0.0   | 2.2    | 0.0   | 2.3    | 0.0   | 1.1    | 0.0   | 1.6    | 0.0    | 0.8    | 0.0       | 0.5    | 0.0     | 1.0    | 0.0      | 0.7    | 0.0      | 0.9    |
| 15    | 2.5     | 1.5    | 0.0      | 1.5    | 11.5  | 1.9    | 0.0   | 2.0    | 4.5   | 2.2    | 12.0  | 1.6    | 9.5   | 1.7    | 33.0   | 3.1    | 0.0       | 0.5    | 9.5     | 1.1    | 0.0      | 0.7    | 0.0      | 0.9    |
| 16    | 10.0    | 1.9    | 0.0      | 1.5    | 0.0   | 1.5    | 10.5  | 2.4    | 12.5  | 2.9    | 0.0   | 1.2    | 27.5  | 4.1    | 0.0    | 1.5    | 3.0       | 0.5    | 0.0     | 1.2    | 0.0      | 0.7    | 8.5      | 1.0    |
| 17    | 0.0     | 1.7    | 1.5      | 1.6    | 0.0   | 1.4    | 18.5  | 3.3    | 17.0  | 3.5    | 0.0   | 1.1    | 10.5  | 3.4    | 0.0    | 1.0    | 9.0       | 0.7    | 0.0     | 0.9    | 0.0      | 0.7    | 0.5      | 1.3    |
| 18    | 0.0     | 1.5    | 0.5      | 1.5    | 0.0   | 1.4    | 0.0   | 2.9    | 20.0  | 6.3    | 18.5  | 1.9    | 3.0   | 2.7    | 4.5    | 0.9    | 0.5       | 0.6    | 0.0     | 0.9    | 0.0      | 0.7    | 0.0      | 1.0    |
| 19    | 0.0     | 1.4    | 0.0      | 1.5    | 0.0   | 1.3    | 0.0   | 2.5    | 2.5   | 4.7    | 0.0   | 1.3    | 10.0  | 2.9    | 4.5    | 1.1    | 0.0       | 0.4    | 4.5     | 0.9    | 0.0      | 0.7    | 0.0      | 1.0    |
| 20    | 0.0     | 1.4    | 0.0      | 1.5    | 0.0   | 1.3    | 0.5   | 2.3    | 0.0   | 3.8    | 12.5  | 1.5    | 0.0   | 2.2    | 0.0    | 0.7    | 0.0       | 0.4    | 23.5    | 1.5    | 0.0      | 0.7    | 0.0      | 1.0    |
| 21    | 55.5    | 7.7    | 0.0      | 1.5    | 0.5   | 1.3    | 24.5  | 3.5    | 0.0   | 3.3    | 0.5   | 1.4    | 0.0   | 1.9    | 0.0    | 0.6    | 0.0       | 0.4    | 26.0    | 4.5    | 0.0      | 0.7    | 39.0     | 3.2    |
| 22    | 0.5     | 4.8    | 1.0      | 1.5    | 1.0   | 1.3    | 0.0   | 3.3    | 0.0   | 3.0    | 0.0   | 1.1    | 0.0   | 1.6    | 0.0    | 0.6    | 0.0       | 0.4    | 0.0     | 2.7    | 0.0      | 0.6    | 0.0      | 3.0    |
| 23    | 0.0     | 3.4    | 0.0      | 1.4    | 0.0   | 1.2    | 0.0   | 2.9    | 0.0   | 2.7    | 0.0   | 1.0    | 0.0   | 1.5    | 0.0    | 0.6    | 0.0       | 0.3    | 0.0     | 1.8    | 0.0      | 0.6    | 0.0      | 2.1    |
| 24    | 0.0     | 2.7    | 0.0      | 1.3    | 0.0   | 1.1    | 0.0   | 2.7    | 0.0   | 2.2    | 2.5   | 1.0    | 0.0   | 1.4    | 0.0    | 0.6    | 0.0       | 0.3    | 2.0     | 1.7    | 0.0      | 0.6    | 0.0      | 1.8    |
| 25    | 0.0     | 2.5    | 0.0      | 1.3    | 0.0   | 1.1    | 1.0   | 2.6    | 0.0   | 2.0    | 15.0  | 1.5    | 0.0   | 1.2    | 0.0    | 0.5    | 0.0       | 0.3    | 0.0     | 1.3    | 13.5     | 0.9    | 0.0      | 1.6    |
| 26    | 8.0     | 2.3    | 0.0      | 1.2    | 0.0   | 1.1    | 0.0   | 2.3    | 0.5   | 1.8    | 12.5  | 1.9    | 0.0   | 1.1    | 0.0    | 0.5    | 0.0       | 0.3    | 0.0     | 1.3    | 0.5      | 0.9    | 0.0      | 1.4    |
| 27    | 16.5    | 3.6    | 0.0      | 1.2    | 27.5  | 2.6    | 0.0   | 2.1    | 2.5   | 1.8    | 2.0   | 1.9    | 0.0   | 1.1    | 0.0    | 0.5    | 1.5       | 0.3    | 0.0     | 1.2    | 0.0      | 0.8    | 0.5      | 1.4    |
| 28    | 1.0     | 2.8    | 14.0     | 1.8    | 0.0   | 1.7    | 0.0   | 2.0    | 0.0   | 1.7    | 0.0   | 1.4    | 0.0   | 1.0    | 0.0    | 0.4    | 39.0      | 2.3    | 0.0     | 1.1    | 0.0      | 0.7    | 0.0      | 1.3    |
| 29    | 0.5     | 2.5    |          |        | 47.5  | 3.5    | 0.0   | 1.9    | 0.0   | 1.6    | 6.0   | 1.4    | 0.0   | 1.0    | 0.0    | 0.4    | 0.5       | 0.9    | 0.5     | 1.1    | 0.5      | 0.7    | 0.5      | 1.2    |
| 30    | 1.0     | 2.3    |          |        | 12.5  | 9.6    | 7.0   | 2.0    | 0.5   | 1.5    | 6.5   | 1.4    | 0.0   | 0.9    | 0.0    | 0.4    | 6.5       | 0.9    | 0.0     | 1.0    | 0.0      | 0.7    | 0.0      | 1.2    |
| 31    | 0.5     | 2.1    |          |        | 0.0   | 4.1    |       |        | 2.0   | 1.6    |       |        | 0.0   | 0.9    | 5.5    | 0.4    |           |        | 0.0     | 1.0    |          |        | 0.0      | 1.1    |
| total | 132.0   | 64.9   | 38.5     | 45.6   | 143.5 | 62.5   | 110.0 | 75.4   | 126.5 | 80.2   | 117.0 | 39.9   | 132.0 | 54.1   | 88.0   | 25.3   | 116.5     | 19.1   | 193.5   | 67.0   | 38.0     | 24.9   | 100.0    | 42.0   |

HIGASHIYAMA

2003

unit: mm/day

n/a : data not available

annual precipitation: 2175.0

annual runoff: n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 1.1    | 1.5      | 2.2    | 69.5  | 8.9    | 0.0   | 2.0    | 0.0   | 4.9    | 13.0  | 6.1    | 53.0  | 6.4    | 0.0    | 5.1    | 0.0       | 3.5    | 0.0     | 2.7    | 0.0      | 1.5    | 0.5      | n/a    |
| 2     | 0.0     | 1.0    | 1.5      | 2.0    | 0.0   | 11.7   | 13.0  | 2.4    | 0.0   | 4.5    | 0.0   | 3.1    | 1.0   | 7.9    | 0.0    | 4.5    | 0.0       | 3.2    | 0.0     | 2.6    | 0.0      | 1.5    | 0.0      | n/a    |
| 3     | 29.5    | 1.7    | 0.0      | 1.9    | 10.5  | 7.8    | 0.5   | 2.2    | 0.0   | 4.2    | 0.0   | 2.5    | 35.5  | 7.0    | 0.0    | 4.0    | 0.0       | 2.9    | 0.0     | 2.3    | 26.5     | 2.4    | 0.0      | n/a    |
| 4     | 0.0     | 2.6    | 0.0      | 1.8    | 0.0   | 5.6    | 9.0   | 2.2    | 0.0   | 3.9    | 0.0   | 2.3    | 1.5   | 11.3   | 0.0    | 3.7    | 0.0       | 2.7    | 0.0     | 2.2    | 0.0      | 2.2    | 0.0      | n/a    |
| 5     | 0.0     | 1.6    | 0.0      | 1.7    | 0.0   | 5.0    | 32.0  | 5.5    | 0.0   | 3.6    | 0.0   | 2.1    | 2.0   | 7.1    | 0.0    | 3.4    | 0.0       | 2.6    | 0.0     | 2.1    | 0.5      | 1.8    | 0.0      | n/a    |
| 6     | 0.0     | 1.5    | 0.0      | 1.6    | 9.5   | 4.7    | 0.0   | 4.0    | 0.0   | 3.5    | 0.0   | 1.9    | 10.5  | 7.2    | 0.0    | 3.1    | 0.0       | 2.5    | 5.0     | 2.2    | 7.5      | 2.1    | 5.0      | 3.5    |
| 7     | 0.5     | 1.4    | 0.0      | 1.6    | 17.0  | 5.2    | 0.0   | 3.2    | 8.5   | 3.6    | 0.0   | 1.8    | 5.0   | 5.9    | 7.0    | 3.0    | 0.0       | 2.3    | 0.0     | 2.0    | 0.0      | 1.7    | 0.0      | 3.2    |
| 8     | 0.0     | 1.3    | 25.0     | 1.8    | 0.0   | 4.7    | 30.5  | 5.4    | 54.0  | 11.0   | 0.0   | 1.6    | 6.5   | 5.6    | 12.5   | 3.6    | 0.0       | 2.2    | 0.0     | 1.9    | 0.0      | 1.6    | 0.0      | 2.9    |
| 9     | 0.0     | 1.2    | 2.0      | 3.7    | 0.0   | n/a    | 0.0   | 4.8    | 0.0   | 6.8    | 0.0   | 1.6    | 5.0   | 5.3    | 113.5  | 35.3   | 0.0       | 2.1    | 0.0     | 1.8    | 0.5      | 1.5    | 0.0      | 2.7    |
| 10    | 0.5     | 1.2    | 0.0      | 2.3    | 0.0   | n/a    | 0.0   | 3.8    | 0.0   | 5.1    | 0.0   | 1.5    | 6.0   | 5.0    | 0.0    | 14.4   | 13.5      | 2.8    | 0.0     | 1.7    | 16.5     | 2.0    | 0.0      | 2.6    |
| 11    | 0.0     | 1.2    | 10.0     | 2.5    | 0.0   | n/a    | 5.0   | 3.5    | 4.0   | 4.5    | 1.0   | 1.6    | 17.0  | 4.7    | 0.0    | 9.3    | 0.0       | 2.1    | 0.5     | 1.6    | 14.0     | 3.1    | 14.0     | 2.7    |
| 12    | 0.0     | 1.1    | 0.0      | 2.3    | 0.0   | n/a    | 20.5  | 4.8    | 0.5   | 4.1    | 2.0   | 1.5    | 26.0  | 14.2   | 18.0   | 10.2   | 0.0       | 1.9    | 0.5     | 1.6    | 0.0      | 2.5    | 6.0      | 3.7    |
| 13    | 0.0     | 1.1    | 0.0      | 2.1    | 0.0   | n/a    | 0.5   | 4.7    | 0.0   | 3.7    | 6.0   | 1.8    | 32.0  | 10.4   | 0.0    | 7.3    | 0.5       | 1.8    | 49.0    | 6.3    | 1.0      | 2.1    | 0.0      | 2.8    |
| 14    | 0.5     | 1.1    | 0.0      | 1.9    | 0.0   | n/a    | 0.0   | 3.9    | 11.0  | 3.8    | 12.5  | 2.0    | 19.0  | 14.4   | 62.5   | 15.0   | 0.0       | 1.7    | 26.0    | 4.6    | 0.0      | 1.9    | 0.0      | 2.6    |
| 15    | 0.0     | 1.0    | 0.0      | 1.8    | 0.0   | n/a    | 3.5   | 3.6    | 14.5  | 4.5    | 0.5   | 1.8    | 0.0   | 10.7   | 41.5   | 28.0   | 0.0       | 1.6    | 2.0     | 4.8    | 1.5      | 1.8    | 0.0      | 2.4    |
| 16    | 0.0     | 1.0    | 14.0     | 2.5    | 15.5  | 2.9    | 0.0   | 3.2    | 0.5   | 4.2    | 12.5  | 2.0    | 0.0   | 8.4    | 3.0    | 15.8   | 0.0       | 1.5    | 0.0     | 3.3    | 0.5      | 1.8    | 0.0      | 2.3    |
| 17    | 0.0     | 1.0    | 0.0      | 2.3    | 1.5   | 3.0    | 0.0   | 3.0    | 0.0   | 3.6    | 10.5  | 2.9    | 0.0   | 6.8    | 9.0    | 12.7   | 0.0       | 1.4    | 0.0     | 2.7    | 0.0      | 1.6    | 0.0      | 2.2    |
| 18    | 3.0     | 1.0    | 0.0      | 2.1    | 0.0   | 2.5    | 0.0   | 2.8    | 0.0   | 3.3    | 15.5  | 2.9    | 0.0   | 5.9    | 2.0    | 10.4   | 0.0       | 1.4    | 0.0     | 2.4    | 0.0      | 1.5    | 0.0      | 2.1    |
| 19    | 0.5     | 1.0    | 0.0      | 2.0    | 0.0   | 2.4    | 1.0   | 2.7    | 0.5   | 3.1    | 1.0   | 2.7    | 0.0   | 5.3    | 0.0    | 9.0    | 0.0       | 1.3    | 0.0     | 2.2    | 6.5      | 1.7    | 0.0      | 2.1    |
| 20    | 0.0     | 0.9    | 0.0      | 1.9    | 0.0   | 2.2    | 33.0  | 3.8    | 6.0   | 3.1    | 1.5   | 2.4    | 2.5   | 4.9    | 0.0    | 7.7    | 45.0      | 3.2    | 0.0     | 2.1    | 27.0     | 2.5    | 0.0      | 2.3    |
| 21    | 0.0     | 0.9    | 0.0      | 1.7    | 0.0   | 2.1    | 1.5   | 4.6    | 0.0   | 2.9    | 0.0   | 2.0    | 20.5  | 6.6    | 0.0    | 6.6    | 16.0      | 4.9    | 8.5     | 2.2    | 12.0     | 5.0    | 0.0      | 2.2    |
| 22    | 0.0     | 0.9    | 9.5      | 1.8    | 0.0   | 2.1    | 0.0   | 3.4    | 0.0   | 2.6    | 0.0   | 1.8    | 0.0   | 4.9    | 0.0    | 5.8    | 0.0       | 2.8    | 20.0    | 3.8    | 0.0      | 3.1    | 0.5      | 2.3    |
| 23    | 17.0    | 1.7    | 2.0      | 2.0    | 0.0   | 2.0    | 25.0  | 3.8    | 0.0   | 2.4    | 0.5   | 1.7    | 54.0  | 7.4    | 0.0    | 5.1    | 0.5       | 2.2    | 0.0     | 2.7    | 0.0      | 2.6    | 6.5      | 2.6    |
| 24    | 0.5     | 1.3    | 14.0     | 2.4    | 7.0   | 2.0    | 36.5  | 15.0   | 0.0   | 2.3    | 39.5  | 4.3    | 6.5   | 12.4   | 0.0    | 4.6    | 34.5      | 4.3    | 0.0     | 2.4    | 2.0      | 2.4    | 5.0      | 2.6    |
| 25    | 0.0     | 1.1    | 0.0      | 2.2    | 25.0  | 4.2    | 21.5  | 10.0   | 0.0   | 2.2    | 46.0  | 13.9   | 0.0   | 8.0    | 0.0    | 4.3    | 71.5      | 17.3   | 0.0     | 2.2    | 33.5     | 5.3    | 4.5      | 2.5    |
| 26    | 0.0     | 1.0    | 0.0      | 2.0    | 0.0   | 2.9    | 12.0  | 11.1   | 1.5   | 2.2    | 0.5   | 6.7    | 0.0   | 6.4    | 42.5   | 5.7    | 0.0       | 8.9    | 0.0     | 2.0    | 0.0      | 4.1    | 1.0      | 2.5    |
| 27    | 68.5    | 9.5    | 0.0      | 1.9    | 4.0   | 2.6    | 0.0   | 8.3    | 0.5   | 2.2    | 5.0   | 4.6    | 0.0   | 5.4    | 9.5    | 8.1    | 0.0       | 5.7    | 0.0     | 1.9    | 0.0      | 3.4    | 0.0      | 2.3    |
| 28    | 1.0     | 6.0    | 0.0      | 1.8    | 0.0   | 2.4    | 0.0   | 6.6    | 0.0   | 2.1    | 14.5  | 4.6    | 0.5   | 4.9    | 5.0    | 5.4    | 0.0       | 4.4    | 0.0     | 1.8    | 1.5      | 3.0    | 0.5      | 2.1    |
| 29    | 0.0     | 3.5    |          |        | 0.0   | 2.2    | 0.0   | 5.7    | 0.0   | 1.9    | 0.0   | 4.2    | 3.0   | 4.7    | 0.5    | 4.7    | 0.0       | 3.5    | 0.0     | 1.7    | 41.0     | 4.1    | 0.5      | 2.0    |
| 30    | 0.0     | 2.8    |          |        | 0.0   | 2.1    | 11.5  | 5.9    | 0.0   | 1.8    | 0.0   | 3.3    | 39.0  | 8.6    | 0.0    | 4.1    | 0.0       | 3.0    | 0.0     | 1.6    | 20.5     | 15.2   | 0.0      | 2.0    |
| 31    | 1.0     | 2.5    |          |        | 0.0   | 2.0    |       |        | 47.0  | 3.6    |       |        | 0.0   | 6.1    | 2.5    | 3.9    |           |        | 0.0     | 1.6    |          |        | 2.0      | 2.0    |
| total | 122.5   | 56.2   | 79.5     | 57.8   | 159.5 | n/a    | 256.5 | 145.9  | 148.5 | 115.2  | 182.0 | 93.2   | 346.0 | 229.8  | 329.0  | 263.8  | 181.5     | 101.7  | 111.5   | 77.0   | 212.5    | 87.0   | 46.0     | 65.2   |

HIGASHIYAMA

2004

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff: n/a

n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 1.9    | 0.0      | 1.1    | 1.0   | n/a    | 0.0   | 2.5    | 0.0   | 2.9    | 2.0   | 3.5    | 1.5  | n/a    | 3.0    | 1.3    | 3.0       | n/a    | 0.0     | 9.1    | 12.0     | 8.8    | n/a      | n/a    |
| 2     | 0.0     | 1.8    | 7.5      | 1.3    | 0.0   | n/a    | 12.5  | 2.8    | 0.0   | 2.6    | 0.0   | 3.1    | 0.0  | n/a    | 0.0    | 1.0    | 61.5      | n/a    | 1.0     | 6.7    | 0.0      | 7.1    | n/a      | 2.2    |
| 3     | 0.0     | 1.7    | 0.0      | 1.2    | 0.0   | n/a    | 0.0   | 2.3    | 1.5   | 2.5    | 0.0   | 2.9    | 0.0  | n/a    | 0.0    | 1.0    | 0.0       | n/a    | 13.0    | 6.2    | 0.0      | 6.1    | n/a      | 2.2    |
| 4     | 0.0     | 1.7    | 0.0      | 1.1    | 0.0   | n/a    | 12.0  | 2.5    | 41.5  | 5.6    | 0.0   | 2.6    | 0.0  | n/a    | 0.0    | 0.9    | 19.5      | n/a    | 2.0     | 5.6    | 0.0      | 5.5    | n/a      | 4.7    |
| 5     | 0.0     | 1.6    | 0.0      | 1.1    | 0.0   | n/a    | 0.0   | 2.3    | 1.0   | 4.8    | 0.0   | 2.4    | 13.0 | n/a    | 3.5    | 1.0    | 19.5      | n/a    | 50.0    | 11.7   | 0.5      | 4.9    | n/a      | 37.1   |
| 6     | 0.0     | 1.6    | 1.5      | 1.1    | 4.0   | 1.3    | 0.0   | 2.1    | 0.0   | 3.6    | 25.5  | 3.0    | 0.0  | n/a    | 0.0    | 1.0    | 0.0       | n/a    | 0.0     | 9.0    | 0.0      | 4.5    | n/a      | 13.8   |
| 7     | 0.0     | 1.5    | 2.5      | 1.1    | 0.0   | 1.1    | 0.0   | 1.9    | 0.0   | 3.1    | 11.5  | 5.0    | 0.0  | n/a    | 79.0   | 20.2   | 4.5       | n/a    | 0.0     | 6.8    | 0.0      | 4.2    | n/a      | 8.2    |
| 8     | 0.0     | 1.5    | 0.0      | 1.0    | 0.0   | 1.1    | 2.5   | 1.8    | 0.0   | 2.8    | 4.0   | 3.6    | 0.0  | n/a    | 0.0    | n/a    | 5.5       | n/a    | 68.0    | 11.2   | 0.0      | 3.9    | n/a      | 6.4    |
| 9     | 0.0     | 1.5    | 0.0      | 1.0    | 0.0   | 1.1    | 0.0   | 1.6    | 14.5  | 3.1    | 0.0   | 3.0    | 0.0  | n/a    | 0.0    | n/a    | 0.0       | n/a    | 109.0   | 63.8   | 0.0      | 3.6    | n/a      | 5.7    |
| 10    | 0.0     | 1.4    | 0.0      | 1.0    | 0.0   | 1.1    | 0.0   | 1.5    | 46.0  | 8.3    | 0.0   | 2.6    | 27.5 | n/a    | 0.0    | n/a    | 0.5       | n/a    | 5.0     | 27.0   | 0.0      | 3.4    | n/a      | 4.8    |
| 11    | 0.0     | 1.4    | 0.0      | 1.0    | 0.0   | 1.0    | 0.0   | 1.4    | 0.0   | n/a    | 31.5  | 4.1    | 0.5  | n/a    | 0.0    | n/a    | 0.0       | 2.6    | 0.0     | 15.8   | n/a      | 4.3    | n/a      | 4.3    |
| 12    | 0.0     | 1.4    | 0.5      | 1.0    | 0.0   | 1.0    | 0.0   | 1.4    | 0.0   | n/a    | 0.0   | 4.1    | 0.0  | 2.5    | 0.0    | n/a    | 0.0       | 2.3    | 0.5     | 11.5   | n/a      | 6.6    | n/a      | 4.2    |
| 13    | 0.5     | 1.4    | 0.5      | 1.0    | 0.0   | 1.0    | 0.0   | 1.3    | 34.0  | 6.3    | 0.0   | 3.1    | 0.0  | 2.4    | 0.0    | n/a    | 0.0       | 2.1    | 0.0     | 9.5    | n/a      | 4.7    | n/a      | 4.2    |
| 14    | 0.5     | 1.4    | 3.5      | 1.1    | 0.0   | 1.0    | 7.5   | 1.5    | 5.5   | 7.7    | 0.0   | 2.6    | 0.0  | 2.1    | 0.0    | n/a    | 0.0       | 2.0    | 0.0     | 8.4    | n/a      | 4.0    | n/a      | 3.9    |
| 15    | 0.0     | 1.3    | 5.0      | 1.3    | 0.0   | 0.9    | 0.0   | 1.4    | 3.5   | 5.6    | 0.0   | 2.3    | 0.0  | 1.9    | 13.0   | n/a    | 0.0       | 1.9    | 0.0     | 7.1    | n/a      | 6.0    | n/a      | 3.7    |
| 16    | 0.0     | 1.3    | 0.0      | 1.1    | 0.0   | 0.9    | 0.0   | 1.3    | 49.0  | 11.8   | 0.0   | 2.1    | 0.0  | 1.8    | 0.0    | n/a    | 0.0       | 1.8    | 0.0     | 6.3    | n/a      | 4.8    | n/a      | 3.6    |
| 17    | 2.0     | 1.4    | 0.0      | 1.0    | 0.0   | 0.9    | 0.0   | 1.2    | 0.0   | 9.8    | 0.0   | 2.0    | 1.0  | 1.7    | 45.0   | n/a    | 0.5       | 1.7    | 0.0     | 5.6    | n/a      | 4.2    | n/a      | 3.3    |
| 18    | 2.5     | 1.4    | 0.0      | 1.0    | 14.0  | 1.5    | 0.0   | 1.2    | 0.0   | 7.5    | 0.0   | 1.9    | 8.0  | 2.0    | 0.0    | n/a    | 6.0       | 1.9    | 0.0     | 5.0    | n/a      | 4.3    | n/a      | 3.2    |
| 19    | 19.5    | 2.3    | 0.0      | 1.0    | 0.0   | 1.1    | 51.5  | 2.8    | 19.0  | 7.1    | 13.0  | 1.8    | 0.0  | 1.7    | 0.0    | n/a    | 2.5       | 1.7    | 40.0    | 7.3    | n/a      | 4.5    | n/a      | 3.1    |
| 20    | 0.0     | 1.6    | 0.5      | 0.9    | 0.0   | 1.1    | 0.0   | 5.5    | 36.5  | 8.5    | 7.5   | 2.8    | 0.0  | 1.5    | 0.0    | n/a    | 0.0       | 1.6    | 112.5   | 34.4   | n/a      | 3.8    | n/a      | 3.1    |
| 21    | 0.0     | 1.5    | 0.0      | 0.9    | 0.0   | 1.0    | 0.0   | 2.8    | 20.0  | 18.8   | 79.5  | 13.9   | 0.0  | 1.4    | 0.0    | n/a    | 15.0      | 1.8    | 4.0     | 25.6   | n/a      | 3.5    | n/a      | 2.9    |
| 22    | 0.0     | 1.4    | 26.5     | 1.3    | 21.0  | 1.8    | 0.0   | 2.5    | 0.0   | 10.2   | 0.0   | 8.7    | 0.0  | 1.3    | 3.5    | n/a    | 3.0       | 2.3    | 0.0     | 13.0   | n/a      | 3.3    | n/a      | 2.9    |
| 23    | 0.0     | 1.3    | 0.0      | n/a    | 0.0   | 1.6    | 0.0   | 2.5    | 2.0   | 8.2    | 0.0   | 5.1    | 0.0  | 1.3    | 12.5   | n/a    | 4.0       | 1.7    | 0.0     | 9.7    | n/a      | 3.1    | n/a      | 2.8    |
| 24    | 0.5     | 1.3    | 0.0      | n/a    | 0.0   | 1.4    | 0.0   | 2.4    | 0.0   | 6.8    | 0.5   | 4.1    | 0.0  | 1.2    | 2.5    | n/a    | 22.5      | 2.9    | 0.0     | 8.4    | n/a      | 2.9    | n/a      | 2.7    |
| 25    | 0.0     | 1.3    | 0.0      | n/a    | 1.5   | 1.3    | 0.0   | 2.3    | 0.0   | 5.8    | 33.5  | 6.1    | 3.5  | 1.3    | 0.0    | n/a    | 1.5       | 2.3    | 0.0     | 7.3    | n/a      | 2.7    | n/a      | 2.6    |
| 26    | 0.0     | 1.2    | 0.0      | n/a    | 2.0   | 1.5    | 2.0   | 2.2    | 0.0   | 5.2    | 2.0   | 5.7    | 0.0  | 1.2    | 0.0    | n/a    | 24.5      | 3.8    | 10.5    | 7.1    | n/a      | 2.5    | n/a      | 2.5    |
| 27    | 0.0     | 1.2    | 0.0      | n/a    | 0.0   | 1.4    | 70.5  | 11.1   | 0.0   | 4.6    | 0.0   | 4.7    | 0.0  | 1.1    | 0.0    | n/a    | 49.0      | 12.0   | 0.0     | 6.1    | n/a      | 2.4    | n/a      | 2.4    |
| 28    | 0.0     | 1.2    | 0.0      | n/a    | 0.0   | 1.4    | 0.0   | 6.2    | 0.0   | 4.2    | 1.0   | 4.1    | 0.0  | 1.1    | 0.0    | n/a    | 2.0       | 6.7    | 0.0     | 5.5    | n/a      | 2.2    | n/a      | 2.3    |
| 29    | 0.0     | 1.2    | 21.5     | n/a    | 0.0   | 1.4    | 0.0   | 4.2    | 0.0   | 3.9    | 10.0  | 3.7    | 0.0  | 1.0    | 12.5   | n/a    | 80.5      | 14.6   | 0.0     | 5.0    | n/a      | 2.1    | n/a      | 2.4    |
| 30    | 0.0     | 1.1    |          |        | 45.0  | 3.6    | 0.0   | 3.4    | 0.0   | 3.6    | 19.5  | 7.0    | 0.5  | 1.0    | 7.5    | n/a    | 7.0       | 18.4   | 46.0    | 7.0    | n/a      | n/a    | n/a      | 2.2    |
| 31    | 0.0     | 1.1    |          |        | 0.0   | 4.2    |       |        | 6.0   | 3.8    |       |        | 13.5 | 1.3    | 18.5   | n/a    |           |        | 10.5    | 11.8   |          |        | n/a      | 2.7    |
| total | 25.5    | 44.9   | 69.5     | n/a    | 88.5  | n/a    | 158.5 | 79.9   | 280.0 | n/a    | 241.0 | 121.6  | 69.0 | n/a    | 200.5  | n/a    | 332.0     | n/a    | 472.0   | 374.5  | n/a      | n/a    | n/a      | n/a    |

HIGASHIYAMA

2005

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff: n/a

n/a

| day   | January |        | February |        | March |        | April |        | May  |        | June |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain | runoff | rain | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | n/a     | 2.4    | n/a      | 1.1    | n/a   | 1.3    | n/a   | 2.8    | n/a  | 1.6    | n/a  | 0.9    | 29.0  | 3.4    | 2.0    | 1.3    | 0.0       | 1.5    | 0.0     | 1.1    | 0.0      | 1.0    | 0.0      | 0.7    |
| 2     | n/a     | 2.1    | n/a      | 1.2    | n/a   | 1.2    | n/a   | 2.6    | n/a  | 1.7    | n/a  | 1.1    | 0.0   | 3.2    | 0.0    | 1.1    | 0.0       | 1.3    | 0.5     | 1.1    | 0.0      | 1.0    | 1.0      | 0.8    |
| 3     | n/a     | 2.0    | n/a      | 1.2    | n/a   | 1.2    | n/a   | 2.6    | n/a  | 1.3    | n/a  | 1.1    | 24.0  | 2.8    | 0.0    | 1.0    | 0.0       | 1.2    | 0.0     | 1.1    | 1.5      | 1.0    | 0.5      | 0.7    |
| 4     | n/a     | 2.0    | n/a      | 1.1    | n/a   | 1.6    | n/a   | 2.4    | n/a  | 1.3    | n/a  | 0.9    | 69.5  | 14.7   | 0.0    | 0.9    | 29.0      | 2.5    | 12.0    | 1.5    | 0.0      | 1.0    | 7.5      | 0.8    |
| 5     | n/a     | 1.8    | n/a      | 1.2    | n/a   | 1.3    | n/a   | 2.3    | n/a  | 1.2    | n/a  | 0.9    | 6.0   | 11.6   | 58.0   | 3.7    | 62.0      | 12.2   | 9.5     | 1.6    | 0.0      | 0.9    | 0.0      | 0.8    |
| 6     | n/a     | 1.9    | n/a      | 1.1    | n/a   | 1.2    | n/a   | 2.2    | n/a  | 2.3    | n/a  | 0.8    | 0.0   | 6.1    | 11.0   | 3.2    | 1.5       | 6.7    | 1.5     | 1.5    | 39.5     | 2.4    | 5.0      | 1.0    |
| 7     | n/a     | 1.8    | n/a      | 1.1    | n/a   | 1.2    | n/a   | 2.3    | n/a  | 4.6    | n/a  | 0.8    | 0.0   | 4.2    | 0.0    | 2.1    | 36.5      | 10.3   | 4.5     | 1.3    | 1.0      | 2.8    | 3.0      | 0.8    |
| 8     | n/a     | 1.7    | n/a      | 1.7    | n/a   | 1.1    | n/a   | 2.0    | n/a  | 2.7    | n/a  | 0.8    | 0.0   | 3.2    | 0.0    | 1.7    | 0.0       | 6.5    | 13.0    | 1.8    | 0.0      | 1.8    | 0.5      | 0.8    |
| 9     | n/a     | 1.6    | n/a      | 1.5    | n/a   | 1.1    | n/a   | 1.8    | n/a  | 2.1    | n/a  | 0.7    | 13.0  | 3.4    | 0.0    | 1.5    | 0.0       | 4.7    | 0.5     | 1.7    | 0.0      | 1.5    | 0.0      | 0.7    |
| 10    | n/a     | 1.6    | n/a      | 1.8    | n/a   | 1.1    | n/a   | 1.7    | n/a  | 1.8    | n/a  | 0.7    | 0.0   | 3.0    | 0.5    | 1.4    | 0.0       | 3.8    | 6.0     | 1.7    | 0.0      | 1.4    | 0.0      | 0.7    |
| 11    | n/a     | 1.5    | n/a      | 1.4    | n/a   | 2.1    | n/a   | 1.9    | n/a  | 1.6    | n/a  | 1.0    | 0.5   | 2.5    | 0.0    | 1.2    | 0.0       | 3.3    | 0.0     | 1.5    | 3.0      | 1.3    | 0.0      | 0.7    |
| 12    | n/a     | 1.5    | n/a      | 1.3    | n/a   | 1.6    | n/a   | 2.4    | n/a  | 2.2    | n/a  | 0.9    | 7.5   | 2.7    | 44.5   | 6.4    | 0.0       | 2.9    | 0.0     | 1.4    | 3.5      | 1.6    | 0.0      | 0.7    |
| 13    | n/a     | 1.4    | n/a      | 1.2    | n/a   | 1.4    | n/a   | 2.5    | n/a  | 2.0    | 0.0  | 0.7    | 0.0   | 2.3    | 4.5    | 3.7    | 0.0       | 2.6    | 0.0     | 1.3    | 0.0      | 1.4    | 0.0      | 0.7    |
| 14    | n/a     | 1.4    | n/a      | 1.2    | n/a   | 1.3    | n/a   | 2.0    | n/a  | 1.7    | 0.0  | 0.7    | 2.0   | 2.1    | 0.0    | 2.6    | 24.5      | 3.8    | 0.0     | 1.2    | 0.0      | 1.3    | 0.0      | 0.7    |
| 15    | n/a     | 1.7    | n/a      | 1.1    | n/a   | 1.2    | n/a   | 1.8    | n/a  | 1.6    | 7.0  | 1.0    | 0.0   | 1.9    | 3.5    | 2.1    | 0.0       | 3.3    | 25.0    | 1.9    | 0.0      | 1.2    | 2.0      | 0.7    |
| 16    | n/a     | 1.9    | n/a      | 1.7    | n/a   | 1.2    | n/a   | 1.7    | n/a  | 1.4    | 11.5 | 1.5    | 0.0   | 1.8    | 0.0    | 1.8    | 4.0       | 3.2    | 3.0     | 2.1    | 0.0      | 1.2    | 1.0      | 0.7    |
| 17    | n/a     | 1.5    | n/a      | 1.4    | n/a   | 1.5    | n/a   | 1.6    | n/a  | 1.4    | 0.0  | 1.0    | 0.0   | 1.7    | 0.0    | 1.7    | 0.0       | 2.7    | 21.0    | 2.5    | 0.0      | 1.1    | 2.0      | 0.7    |
| 18    | n/a     | 1.4    | n/a      | 1.5    | n/a   | 1.5    | n/a   | 1.6    | n/a  | 1.5    | 0.0  | 0.9    | 1.0   | 1.6    | 4.0    | 1.8    | 0.0       | n/a    | 6.0     | 2.7    | 0.0      | 0.9    | 0.0      | 0.7    |
| 19    | n/a     | 1.4    | n/a      | 2.9    | n/a   | 1.3    | n/a   | 1.5    | n/a  | 1.6    | 0.0  | 0.9    | 0.0   | 1.5    | 12.0   | 1.9    | 0.0       | n/a    | 0.0     | 2.0    | 0.0      | 0.9    | 0.0      | 0.7    |
| 20    | n/a     | 1.4    | n/a      | 2.5    | n/a   | 1.2    | n/a   | 2.0    | n/a  | 1.4    | 0.0  | 0.8    | 0.0   | 1.4    | 4.0    | 1.7    | 0.0       | n/a    | 0.0     | 1.7    | 0.0      | 0.8    | 1.5      | 0.7    |
| 21    | n/a     | 1.3    | n/a      | 2.0    | n/a   | 1.2    | n/a   | 2.0    | n/a  | 1.3    | 0.0  | 0.8    | 0.0   | 1.3    | 20.5   | 2.7    | 0.0       | n/a    | 0.0     | 1.5    | 0.0      | 0.8    | 4.0      | 0.7    |
| 22    | n/a     | 1.3    | n/a      | 1.8    | n/a   | 3.8    | n/a   | 1.7    | n/a  | 1.7    | 13.5 | 1.4    | 0.0   | 1.2    | 1.0    | 2.3    | 0.0       | n/a    | 0.0     | 1.4    | 0.0      | 0.8    | 0.0      | 0.7    |
| 23    | n/a     | 1.3    | n/a      | 1.6    | n/a   | 6.2    | n/a   | 1.6    | n/a  | 1.6    | 12.5 | 1.6    | 0.0   | 1.3    | 7.0    | 2.5    | 0.0       | 1.5    | 0.5     | 1.4    | 0.0      | 0.8    | 2.0      | 0.8    |
| 24    | n/a     | 1.2    | n/a      | 1.5    | n/a   | 4.4    | n/a   | 1.5    | n/a  | 1.3    | 0.0  | 1.1    | 17.0  | 2.2    | 1.0    | 2.2    | 0.0       | 1.5    | 0.5     | 1.2    | 0.0      | 0.8    | 1.5      | 0.8    |
| 25    | n/a     | 1.2    | n/a      | 1.5    | n/a   | 3.4    | n/a   | 1.5    | n/a  | 1.2    | 0.0  | 0.9    | 1.0   | 1.4    | 0.0    | 1.6    | 0.0       | 1.4    | 0.0     | 1.1    | 0.0      | 0.8    | 1.0      | 0.7    |
| 26    | n/a     | 1.2    | n/a      | 1.4    | n/a   | 2.9    | n/a   | 1.5    | n/a  | 1.1    | 0.0  | 0.8    | 9.0   | 1.7    | 0.0    | 1.3    | 0.0       | 1.3    | 0.0     | 1.1    | 0.0      | 0.8    | 0.5      | 0.8    |
| 27    | n/a     | 1.1    | n/a      | 1.3    | n/a   | 2.5    | n/a   | 1.4    | n/a  | 1.1    | 0.0  | 0.8    | 0.0   | 1.3    | 0.0    | 1.2    | 1.5       | 1.2    | 10.5    | 1.6    | 0.0      | 0.8    | 0.0      | 0.7    |
| 28    | n/a     | 1.1    | n/a      | 1.3    | n/a   | 4.2    | n/a   | 1.3    | n/a  | 1.0    | 0.0  | 0.7    | 0.0   | 1.1    | 0.0    | 1.1    | 1.0       | 1.4    | 0.0     | 1.2    | 0.0      | 0.8    | 0.0      | 0.7    |
| 29    | n/a     | 1.1    |          |        | n/a   | 4.2    | n/a   | 1.3    | n/a  | 1.0    | 9.5  | 1.1    | 0.0   | 1.0    | 0.0    | 1.0    | 0.0       | 1.3    | 8.0     | 1.4    | 1.0      | 0.8    | 0.5      | 0.7    |
| 30    | n/a     | 1.2    |          |        | n/a   | 3.4    | n/a   | 1.3    | n/a  | 1.0    | 39.5 | 4.9    | 0.0   | 1.0    | 30.0   | 2.3    | 0.0       | 1.2    | 0.0     | 1.2    | 0.0      | 0.7    | 1.5      | 0.7    |
| 31    | n/a     | 1.1    |          |        | n/a   | 3.0    |       |        | n/a  | 1.0    |      |        | 7.5   | 1.1    | 0.5    | 1.9    |           |        | 1.0     | 1.1    |          |        | 0.0      | 0.7    |
| total | n/a     | 47.1   | n/a      | 41.6   | n/a   | 65.8   | n/a   | 56.8   | n/a  | 50.3   | n/a  | 32.2   | 187.0 | 89.7   | 204.0  | 62.9   | 160.0     | n/a    | 123.0   | 46.9   | 49.5     | 34.4   | 35.0     | 22.8   |

HIGASHIYAMA

2006

unit: mm/day

n/a : data not available

annual precipitation: 1885.0

annual runoff:

n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 3.5     | 0.7    | 29.0     | 2.5    | 31.0  | 5.2    | 0.0   | 2.0    | 0.0   | 2.1    | 0.0   | 2.5    | 35.5  | 8.2    | 0.5    | 4.2    | 36.0      | 3.4    | 8.5     | 1.4    | 0.0      | 0.8    | 0.0      | 0.8    |
| 2     | 11.0    | 1.2    | 0.5      | 1.9    | 0.0   | 5.6    | 25.0  | 3.5    | 5.5   | 2.3    | 0.0   | 2.5    | 2.5   | 5.5    | 0.0    | 3.9    | 0.0       | 1.8    | 14.5    | 2.1    | 0.0      | 0.8    | 0.0      | 0.8    |
| 3     | 2.0     | 1.0    | 0.0      | 1.5    | 0.0   | 4.2    | 0.0   | 3.1    | 0.0   | 2.0    | 0.0   | 2.4    | 0.5   | 4.6    | 0.0    | 3.6    | 0.0       | 1.5    | 0.0     | 1.7    | 0.0      | 0.8    | 0.0      | 0.8    |
| 4     | 1.5     | 0.9    | 0.0      | 1.4    | 0.0   | 3.6    | 3.0   | 2.6    | 0.0   | 1.9    | 2.0   | 2.4    | 0.0   | 3.7    | 0.0    | 3.3    | 0.0       | 1.3    | 2.5     | 1.6    | 0.0      | 0.8    | 0.0      | 0.8    |
| 5     | 0.0     | 0.8    | 0.0      | 1.5    | 0.0   | 3.2    | 11.0  | 3.2    | 0.0   | 1.9    | 0.0   | 2.2    | 16.0  | 4.3    | 0.0    | 3.1    | 0.0       | 1.2    | 5.0     | 1.6    | 0.0      | 0.8    | 0.0      | 0.7    |
| 6     | 0.0     | 0.7    | 2.0      | 1.4    | 15.5  | 4.0    | 0.0   | 2.8    | 1.0   | 1.9    | 0.0   | 2.1    | 9.0   | n/a    | 0.0    | 2.8    | 13.0      | 1.5    | 24.5    | 3.4    | 4.5      | 1.0    | 0.0      | 0.7    |
| 7     | 0.0     | 0.7    | 8.0      | 1.7    | 0.0   | 3.3    | 0.0   | 2.5    | 115.5 | 25.9   | 0.0   | 1.9    | 0.0   | 3.9    | 0.0    | 2.6    | 13.0      | 2.3    | 0.0     | 2.2    | 1.5      | 0.9    | 1.0      | 0.7    |
| 8     | 0.0     | 0.7    | 0.0      | 1.4    | 0.0   | 3.0    | 1.0   | 2.4    | 1.0   | 19.6   | 6.0   | 1.9    | 0.0   | 3.4    | 0.0    | 2.5    | 0.0       | 1.6    | 0.0     | 1.7    | 0.0      | 0.8    | 3.0      | 0.8    |
| 9     | 0.0     | 0.7    | 0.0      | 1.3    | 0.0   | 2.8    | 0.0   | 2.2    | 4.5   | 8.0    | 13.5  | 2.8    | 3.0   | 3.4    | 10.5   | 2.8    | 0.5       | 1.3    | 0.0     | 1.5    | 0.0      | 0.8    | 12.5     | 1.2    |
| 10    | 1.5     | 0.7    | 0.0      | 1.2    | 4.5   | 2.7    | 7.5   | 2.2    | 13.0  | 6.1    | 0.0   | 2.1    | 0.0   | 3.1    | 0.0    | 2.5    | 7.0       | 1.4    | 0.0     | 1.5    | 0.0      | 0.8    | 0.0      | 1.0    |
| 11    | 3.0     | 0.7    | 0.5      | 1.1    | 0.0   | 2.2    | 51.5  | 6.0    | 15.0  | 9.0    | 2.5   | 2.0    | 0.5   | 3.0    | 0.0    | 2.2    | 5.5       | 1.3    | 14.0    | 2.0    | 8.5      | n/a    | 0.0      | 0.9    |
| 12    | 1.5     | 0.7    | 0.0      | 1.1    | 3.0   | 2.2    | 0.5   | 6.4    | 0.0   | 6.0    | 0.0   | 1.9    | 9.0   | 3.1    | 34.5   | 4.1    | 4.5       | 1.4    | 0.0     | 1.6    | 0.0      | n/a    | 0.5      | 0.8    |
| 13    | 7.0     | 0.7    | 0.0      | 1.0    | 0.0   | 2.0    | 0.0   | 4.5    | 19.0  | 6.3    | 0.0   | 1.8    | 4.0   | 2.9    | 0.0    | 3.1    | 46.0      | 4.2    | 0.0     | 1.4    | 0.0      | n/a    | 9.5      | 1.1    |
| 14    | 38.5    | 5.3    | 1.5      | 1.0    | 0.0   | 2.0    | 0.0   | 3.8    | 0.5   | 5.8    | 0.0   | 1.7    | 0.0   | 2.5    | 0.0    | 2.4    | 22.0      | 8.3    | 0.0     | 1.3    | 2.5      | n/a    | 5.5      | 1.1    |
| 15    | 0.0     | 3.4    | 2.0      | 1.0    | 0.0   | 1.9    | 4.0   | 3.5    | 0.0   | 4.9    | 64.0  | 3.6    | 1.5   | 2.3    | 0.0    | 2.1    | 0.5       | 4.0    | 0.0     | 1.3    | 0.0      | n/a    | 2.0      | 1.2    |
| 16    | 0.5     | 2.2    | 7.0      | 1.3    | 41.0  | 4.1    | 3.0   | 3.4    | 2.5   | 4.5    | 76.0  | 33.5   | 31.0  | 4.7    | 0.0    | 1.9    | 0.5       | 3.0    | 0.0     | 1.2    | 0.0      | n/a    | 0.0      | 1.0    |
| 17    | 0.5     | 1.7    | 0.0      | 1.1    | 0.5   | 4.8    | 0.0   | 3.0    | 16.0  | 4.7    | 29.5  | 10.5   | 34.0  | 6.1    | 18.0   | 2.3    | 1.0       | 2.5    | 0.0     | 1.1    | 0.0      | n/a    | 0.0      | 0.9    |
| 18    | 0.0     | 1.5    | 0.0      | 1.0    | 6.0   | 3.4    | 0.0   | 2.8    | 4.5   | 5.2    | 11.5  | 11.8   | 54.0  | 13.8   | 0.5    | 2.4    | 32.0      | 5.8    | 0.0     | 1.0    | 0.0      | 0.7    | 0.0      | 0.9    |
| 19    | 0.0     | 1.3    | 0.0      | 1.0    | 3.5   | 3.5    | 0.0   | 2.8    | 7.0   | 4.8    | 0.0   | 7.9    | 54.0  | 31.5   | 0.0    | 1.8    | 0.0       | 3.6    | 0.0     | 1.1    | 13.5     | 0.9    | 0.0      | 0.8    |
| 20    | 0.0     | 1.2    | 21.5     | 1.9    | 0.0   | 2.9    | 27.5  | 4.9    | 8.0   | 5.2    | 0.0   | 5.9    | 24.0  | 16.1   | 0.0    | 1.7    | 0.0       | 2.9    | 0.0     | 1.0    | 20.0     | 2.6    | 0.0      | 0.8    |
| 21    | 0.5     | 1.2    | 0.0      | 1.7    | 0.0   | 2.7    | 4.0   | 3.8    | 0.0   | 4.4    | 0.0   | 4.9    | 31.0  | 20.2   | 4.5    | 1.8    | 0.0       | 2.4    | 0.0     | 1.0    | 0.0      | 1.2    | 0.0      | 0.8    |
| 22    | 0.0     | 1.1    | 0.5      | 1.4    | 9.5   | 2.7    | 0.0   | 3.2    | 0.0   | 4.0    | 30.0  | 6.5    | 0.0   | 13.9   | 12.5   | 2.0    | 0.0       | 2.2    | 5.5     | 1.0    | 0.0      | 1.0    | 0.0      | 0.8    |
| 23    | 0.0     | 1.1    | 0.0      | 1.3    | 3.5   | 3.1    | 0.0   | 3.0    | 27.0  | 5.7    | 0.0   | 5.6    | 11.5  | 11.3   | 0.0    | 1.9    | 0.0       | 2.0    | 9.5     | 1.2    | 0.0      | 0.9    | 0.0      | 0.8    |
| 24    | 0.0     | 1.0    | 0.5      | 1.2    | 0.0   | 2.6    | 0.0   | 2.8    | 0.0   | 5.4    | 0.0   | 4.6    | 13.0  | 11.7   | 0.0    | 1.6    | 0.0       | 1.8    | 15.0    | 2.6    | 0.0      | 0.9    | 0.0      | 0.8    |
| 25    | 0.0     | 1.0    | 0.0      | 1.2    | 0.0   | 2.4    | 0.0   | 2.6    | 0.0   | 4.4    | 0.5   | 4.2    | 1.0   | 9.3    | 0.0    | 1.5    | 0.0       | 1.7    | 0.0     | 1.6    | 0.0      | 0.8    | 0.0      | 0.8    |
| 26    | 0.0     | 1.0    | 56.5     | 7.5    | 0.0   | 2.3    | 0.0   | 2.5    | 1.0   | 4.0    | 24.5  | 6.1    | 1.5   | 7.9    | 0.0    | 1.4    | 6.0       | 1.7    | 0.0     | 1.4    | 5.5      | 0.8    | 79.5     | 4.6    |
| 27    | 0.0     | 1.0    | 0.0      | 5.1    | 0.0   | 2.1    | 0.5   | 2.5    | 0.0   | 3.7    | 0.0   | 4.8    | 0.0   | 6.8    | 0.0    | 1.3    | 4.0       | 1.7    | 0.0     | 1.1    | 8.5      | 1.3    | 4.0      | 10.6   |
| 28    | 0.0     | 0.9    | 1.5      | 3.7    | 12.5  | 2.5    | 0.0   | 2.2    | 1.5   | 3.6    | 0.0   | 4.2    | 0.0   | 5.9    | 4.5    | 1.5    | 0.0       | 1.4    | 1.5     | 1.0    | 0.5      | 1.0    | 0.0      | 3.6    |
| 29    | 0.0     | 0.9    |          |        | 0.5   | 2.4    | 0.0   | 2.2    | 0.0   | 3.2    | 0.0   | 3.7    | 0.5   | 5.4    | 3.5    | 1.3    | 0.0       | 1.3    | 0.5     | 1.0    | 0.0      | 0.9    | 0.0      | 2.6    |
| 30    | 2.0     | 1.0    |          |        | 5.0   | 2.3    | 0.0   | 2.1    | 0.0   | 3.0    | 0.0   | 3.5    | 0.0   | 4.9    | 0.5    | 1.3    | 0.0       | 1.3    | 0.0     | 0.9    | 0.0      | 0.9    | 0.0      | 2.2    |
| 31    | 2.5     | 1.0    |          |        | 0.0   | 2.1    |       |        | 0.0   | 2.7    |       |        | 0.0   | 4.6    | 0.0    | 1.1    |           |        | 0.0     | 0.9    |          |        | 0.0      | 2.1    |
| total | 75.5    | 38.0   | 131.0    | 50.4   | 136.0 | 93.8   | 138.5 | 94.5   | 242.5 | 172.2  | 260.0 | 151.5  | 337.0 | n/a    | 89.5   | 72.0   | 191.5     | 71.8   | 101.0   | 45.4   | 65.0     | n/a    | 117.5    | 47.5   |

HIGASHIYAMA

2007

unit: mm/day

n/a : data not available

annual precipitation: 1592.5

annual runoff:

n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 2.0    | 0.0      | 1.1    | 0.0   | 1.2    | 2.0   | 3.5    | 20.0  | 1.8    | 0.0   | 1.5    | 0.0   | 2.0    | 0.0    | 3.5    | 0.0       | 2.4    | 6.5     | 2.2    | 3.0      | 1.8    | 0.0      | 0.9    |
| 2     | 0.0     | 1.9    | 0.0      | 1.1    | 0.0   | 1.2    | 1.0   | 2.6    | 3.0   | 1.6    | 0.0   | 1.4    | 10.0  | 2.4    | 0.0    | 3.2    | 1.5       | 1.9    | 2.0     | 2.0    | 0.0      | 1.7    | 0.0      | 0.8    |
| 3     | 0.0     | 1.8    | 0.0      | 1.0    | 0.0   | 1.1    | 0.0   | 2.3    | 0.0   | 1.4    | 0.0   | 1.3    | 2.0   | 2.1    | 2.5    | 3.1    | 0.0       | 1.6    | 0.0     | 1.8    | 0.0      | 1.5    | 8.5      | 1.1    |
| 4     | 0.0     | 1.5    | 0.0      | 1.0    | 0.0   | 1.1    | 1.5   | 2.2    | 0.0   | 1.3    | 0.0   | 1.3    | 4.5   | 2.0    | 1.0    | 2.9    | 0.0       | 1.5    | 0.5     | 1.6    | 0.0      | 1.5    | 0.0      | 0.9    |
| 5     | 1.5     | 1.4    | 0.0      | 1.0    | 21.0  | 2.3    | 0.0   | 2.0    | 0.0   | 1.2    | 0.0   | 1.2    | 1.0   | 2.0    | 0.5    | 2.6    | 26.5      | 2.7    | 3.0     | 1.7    | 6.5      | 1.4    | 0.0      | 0.8    |
| 6     | 26.5    | 2.9    | 0.0      | 1.0    | 0.0   | 1.7    | 0.0   | 1.9    | 35.5  | 3.9    | 0.0   | 1.1    | 0.0   | 1.7    | 0.0    | 2.4    | 1.5       | 2.6    | 0.0     | 1.5    | 2.0      | 1.7    | 0.0      | 0.8    |
| 7     | 0.0     | 2.3    | 0.0      | 0.9    | 0.0   | 1.5    | 8.5   | 2.1    | 1.0   | 2.7    | 0.0   | 1.1    | 0.0   | 1.6    | 0.0    | 2.3    | 3.0       | 2.0    | 0.0     | 1.4    | 0.0      | 1.4    | 0.0      | 0.8    |
| 8     | 3.0     | 2.1    | 0.0      | 0.9    | 0.0   | 1.4    | 0.0   | 2.0    | 0.0   | 1.9    | 23.0  | 1.6    | 0.0   | 1.6    | 0.0    | 2.2    | 0.0       | 1.6    | 11.5    | 1.9    | 0.0      | 1.3    | 0.0      | 0.8    |
| 9     | 2.0     | 1.9    | 3.0      | 1.0    | 0.0   | 1.3    | 0.0   | 1.8    | 0.0   | 1.7    | 22.5  | 3.0    | 0.0   | 1.5    | 0.0    | 2.0    | 0.0       | 1.5    | 7.5     | 2.0    | 0.0      | 1.3    | 0.0      | 0.8    |
| 10    | 4.0     | 1.9    | 1.0      | 0.9    | 2.0   | 1.3    | 0.0   | 1.7    | 13.0  | 2.3    | 15.5  | 3.2    | 34.5  | 2.8    | 0.0    | 1.9    | 12.5      | 1.7    | 0.0     | 1.6    | 1.0      | 1.2    | 0.0      | 0.7    |
| 11    | 3.0     | 1.8    | 0.0      | 0.9    | 25.0  | n/a    | 0.0   | 1.6    | 0.0   | 1.9    | 0.0   | 2.2    | 4.0   | 3.2    | 0.0    | 1.8    | 43.5      | 3.7    | 0.0     | 1.5    | 12.0     | 1.9    | 2.5      | 0.8    |
| 12    | 3.0     | 1.8    | 0.0      | 0.9    | 1.5   | n/a    | 0.0   | 1.6    | 0.0   | 1.6    | 0.0   | 1.7    | 63.5  | 12.0   | 0.0    | 1.6    | 42.0      | 17.8   | 0.0     | 1.4    | 0.0      | 1.6    | 1.5      | 0.8    |
| 13    | 1.0     | 1.7    | 0.0      | 0.8    | 0.0   | n/a    | 5.0   | 1.6    | 0.0   | 1.5    | 0.0   | 1.5    | 11.5  | 9.4    | 0.0    | 1.6    | 1.0       | 5.7    | 0.0     | 1.2    | 0.0      | 1.4    | 9.0      | 1.2    |
| 14    | 0.0     | 1.6    | 18.0     | 1.4    | 0.0   | n/a    | 1.0   | 1.7    | 0.0   | 1.4    | 11.5  | 1.8    | 108.5 | 32.2   | 0.0    | 1.5    | 1.0       | 4.0    | 0.0     | 1.2    | 0.0      | 1.3    | 0.0      | 0.9    |
| 15    | 0.0     | 1.6    | 0.0      | 1.3    | 0.0   | n/a    | 0.0   | 1.5    | 0.0   | 1.3    | 1.5   | 1.7    | 41.0  | 47.1   | 0.0    | 1.5    | 0.5       | 3.4    | 0.0     | 1.2    | 0.0      | 1.2    | 1.0      | 0.8    |
| 16    | 1.5     | 1.6    | 1.5      | 1.1    | 0.0   | n/a    | 3.0   | 1.5    | 1.0   | 1.2    | 0.0   | 1.4    | 0.5   | 17.5   | 0.0    | 1.4    | 21.0      | 4.3    | 0.0     | 1.1    | 0.0      | 1.1    | 0.0      | 0.8    |
| 17    | 4.0     | 1.8    | 15.0     | 1.2    | 0.0   | n/a    | 0.5   | 1.5    | 38.5  | 4.0    | 0.0   | 1.3    | 28.5  | 14.7   | 0.0    | 1.3    | 1.0       | 3.6    | 0.0     | 1.1    | 0.0      | 1.1    | 0.0      | 0.8    |
| 18    | 0.0     | 1.6    | 21.0     | 3.9    | 0.0   | n/a    | 8.0   | 1.5    | 0.0   | 2.4    | 13.5  | 1.9    | 0.0   | 9.8    | 0.0    | 1.2    | 0.0       | 3.0    | 0.0     | 1.1    | 0.0      | 1.1    | 0.0      | 0.8    |
| 19    | 0.0     | 1.5    | 0.0      | 2.1    | 0.0   | n/a    | 1.5   | 1.7    | 1.0   | 1.9    | 0.0   | 1.5    | 1.5   | 8.5    | 21.0   | 2.1    | 0.0       | 2.8    | 34.5    | 2.6    | 0.0      | 1.0    | 0.0      | 0.8    |
| 20    | 0.0     | 1.4    | 0.0      | 1.7    | 0.0   | n/a    | 0.0   | 1.5    | 0.0   | 1.7    | 0.0   | 1.3    | 5.5   | 8.2    | 1.0    | 1.6    | 0.0       | n/a    | 0.0     | 2.1    | 0.0      | 1.0    | 0.0      | 0.7    |
| 21    | 1.5     | 1.4    | 0.0      | 1.5    | 0.0   | n/a    | 0.0   | 1.4    | 0.0   | 1.5    | 0.0   | 1.2    | 17.5  | n/a    | 0.0    | 1.3    | 0.0       | n/a    | 0.0     | 1.5    | 0.0      | 1.0    | 0.0      | 0.7    |
| 22    | 0.0     | 1.4    | 0.0      | 1.4    | 0.0   | n/a    | 11.5  | 1.5    | 0.0   | 1.4    | 22.5  | 2.1    | 0.5   | n/a    | 2.0    | 1.3    | 0.0       | 1.9    | 0.0     | 1.3    | 0.0      | 1.0    | 27.5     | 1.3    |
| 23    | 0.0     | 1.3    | 8.0      | 1.6    | 0.0   | n/a    | 2.5   | 2.0    | 0.0   | 1.3    | 0.0   | 1.9    | 0.0   | n/a    | 33.0   | 3.7    | 0.0       | 1.8    | 0.0     | 1.2    | 0.0      | 1.0    | 11.0     | 2.9    |
| 24    | 0.0     | 1.3    | 0.0      | 1.3    | 42.5  | 2.7    | 0.5   | 1.5    | 0.0   | 1.2    | 48.0  | 4.7    | 0.0   | n/a    | 0.5    | 1.9    | 0.5       | 1.7    | 0.0     | 1.1    | 0.0      | 1.0    | 0.0      | 1.4    |
| 25    | 0.0     | 1.2    | 0.0      | 1.2    | 29.0  | 9.8    | 0.0   | 1.5    | 51.0  | 4.2    | 6.0   | 6.5    | 0.0   | n/a    | 0.0    | 1.5    | 1.5       | 1.7    | 0.0     | 1.1    | 0.0      | 1.0    | 0.0      | 1.2    |
| 26    | 1.5     | 1.2    | 0.0      | 1.2    | 0.0   | 4.4    | 0.0   | 1.3    | 0.5   | 3.5    | 0.5   | 3.8    | 0.0   | n/a    | 0.0    | 1.3    | 0.0       | 1.5    | 31.0    | 2.9    | 0.0      | 0.9    | 0.0      | 1.1    |
| 27    | 0.0     | 1.2    | 9.5      | 1.3    | 0.0   | 3.3    | 0.0   | 1.2    | 0.0   | 2.3    | 0.0   | 2.9    | 0.0   | n/a    | 0.0    | 1.2    | 0.0       | 1.4    | 26.5    | 4.5    | 0.0      | 0.9    | 0.0      | 1.0    |
| 28    | 0.0     | 1.2    | 0.0      | 1.6    | 0.0   | 2.8    | 0.5   | 1.2    | 0.0   | 2.0    | 0.0   | 2.5    | 0.0   | 3.7    | 0.0    | 1.2    | 0.0       | 1.4    | 0.0     | 3.3    | 0.0      | 0.9    | 23.5     | 1.2    |
| 29    | 0.0     | 1.1    |          |        | 0.0   | 2.5    | 0.0   | 1.2    | 0.0   | 2.0    | 11.5  | 2.7    | 0.0   | 3.7    | 4.5    | 1.3    | 15.0      | 1.8    | 0.0     | 2.4    | 0.0      | 0.9    | 6.5      | 3.0    |
| 30    | 0.0     | 1.1    |          |        | 9.0   | 2.7    | 0.0   | 1.1    | 7.0   | 2.1    | 0.0   | 2.3    | 35.0  | 7.9    | 27.0   | 3.0    | 15.5      | 2.5    | 2.0     | 2.0    | 0.0      | 0.9    | 3.5      | 2.2    |
| 31    | 0.0     | 1.1    |          |        | 15.0  | 2.4    |       |        | 0.0   | 1.9    |       |        | 0.0   | 4.6    | 29.5   | 3.8    |           |        | 0.0     | 1.9    |          |        | 0.0      | 2.0    |
| total | 52.5    | 49.6   | 77.0     | 36.3   | 145.0 | n/a    | 47.0  | 51.7   | 171.5 | 62.1   | 176.0 | 63.6   | 369.5 | n/a    | 122.5  | 63.2   | 187.5     | n/a    | 125.0   | 55.4   | 24.5     | 37.0   | 94.5     | 34.8   |



HIGASHIYAMA

2008

unit: mm/day

n/a : data not available

annual precipitation: 1725.5

annual runoff: n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 1.7    | 0.0      | 0.9    | 0.0   | 1.2    | 0.0   | 2.0    | 0.5   | 3.9    | 0.0   | 4.9    | 1.5  | 11.4   | 0.0    | 1.2    | 0.0       | 5.6    | 7.0     | 3.2    | 0.0      | 1.2    | 0.0      | 1.1    |
| 2     | 1.0     | 1.5    | 0.0      | 0.8    | 0.0   | 1.1    | 0.0   | 1.8    | 0.0   | 3.6    | 12.5  | 4.7    | 0.0  | n/a    | 0.0    | 1.2    | 3.5       | 4.5    | 0.0     | 2.6    | 0.0      | 1.2    | 0.0      | 1.0    |
| 3     | 0.0     | 1.3    | 15.5     | 1.6    | 0.0   | 1.1    | 0.0   | 1.7    | 0.0   | 3.3    | 28.5  | 9.4    | 1.5  | n/a    | 0.0    | 1.1    | 0.5       | 3.7    | 0.0     | 2.2    | 0.0      | 1.1    | 0.0      | 1.0    |
| 4     | 0.0     | 1.2    | 0.0      | 1.2    | 0.0   | 1.0    | 0.0   | 1.6    | 0.0   | 3.1    | 0.0   | 6.8    | 0.0  | 5.9    | 0.0    | 1.0    | 3.0       | 3.3    | 0.0     | 2.0    | 0.0      | 1.1    | 0.0      | 0.9    |
| 5     | 0.0     | 1.1    | 1.0      | 1.1    | 0.0   | 0.9    | 0.0   | 1.5    | 15.0  | 3.6    | 15.0  | 6.4    | 0.0  | 5.4    | 0.0    | 0.9    | 0.0       | 2.9    | 9.0     | 2.1    | 0.0      | 1.0    | 56.5     | 7.7    |
| 6     | 0.0     | 1.1    | 0.0      | 1.1    | 0.0   | 0.9    | 0.0   | 1.4    | 0.0   | 3.2    | 0.0   | 6.0    | 3.5  | 5.9    | 26.5   | 1.8    | 0.0       | 2.6    | 5.5     | 2.4    | 1.0      | 1.0    | 0.0      | 4.6    |
| 7     | 1.0     | 1.1    | 0.0      | 1.0    | 1.0   | 0.9    | 50.0  | 2.8    | 0.0   | 2.8    | 0.0   | 5.0    | 0.0  | 5.7    | 0.0    | 1.3    | 0.0       | 2.3    | 0.0     | 2.0    | 5.5      | 1.3    | 0.0      | 2.8    |
| 8     | 0.5     | 1.1    | 0.0      | 1.0    | 0.0   | 0.9    | 34.0  | 13.7   | 0.0   | 2.6    | 2.0   | 4.6    | 11.5 | 6.4    | 11.5   | 1.2    | 0.0       | 2.1    | 2.5     | 1.9    | 1.0      | 1.1    | 0.0      | 2.4    |
| 9     | 0.0     | 1.0    | 0.0      | 1.0    | 0.0   | 0.9    | 0.5   | 5.8    | 0.0   | 2.4    | 2.0   | 4.3    | 2.0  | 5.5    | 0.0    | 1.3    | 0.0       | 1.9    | 0.0     | 1.7    | 0.0      | 1.0    | 6.0      | 2.5    |
| 10    | 0.0     | 1.0    | 7.0      | 1.3    | 8.5   | 1.2    | 33.5  | 6.7    | 29.0  | 3.9    | 0.0   | 3.9    | 0.0  | 4.7    | 0.0    | 1.0    | 0.0       | 1.8    | 0.0     | 1.6    | 0.0      | 1.0    | 0.0      | 1.9    |
| 11    | 9.0     | 1.1    | 8.0      | 1.2    | 0.0   | 1.0    | 3.0   | 7.5    | 4.5   | 3.6    | 0.0   | 3.6    | 0.0  | 3.4    | 0.0    | 0.9    | 0.0       | 1.7    | 3.5     | 1.7    | 0.0      | 1.0    | 0.0      | 1.6    |
| 12    | 8.5     | 1.7    | 12.5     | 1.7    | 0.0   | 0.9    | 0.0   | 5.4    | 0.0   | 3.0    | 10.5  | 4.0    | 0.0  | 2.9    | 0.0    | 0.8    | 0.0       | 1.5    | 0.0     | 1.5    | 0.0      | 0.9    | 0.0      | 1.5    |
| 13    | 0.0     | 1.2    | 0.0      | 1.4    | 0.0   | 0.9    | 5.5   | 4.5    | 0.0   | 2.6    | 0.0   | 3.3    | 0.0  | 2.6    | 0.0    | 0.7    | 0.0       | 1.5    | 0.0     | 1.4    | 0.0      | 0.9    | 0.0      | 1.4    |
| 14    | 0.0     | 1.1    | 0.0      | 1.3    | 22.5  | 1.8    | 11.0  | 5.3    | 29.0  | 5.2    | 0.0   | 2.9    | 0.0  | 2.4    | 5.5    | 1.1    | 0.0       | 1.5    | 20.5    | 2.2    | 0.0      | 0.9    | 4.0      | 1.5    |
| 15    | 0.0     | 1.1    | 0.0      | 1.2    | 0.0   | 1.5    | 0.0   | 4.1    | 0.0   | 3.5    | 0.0   | 2.8    | 0.0  | 2.2    | 0.0    | 0.9    | 6.0       | 1.6    | 0.0     | 1.9    | 0.0      | 0.9    | 0.0      | 1.4    |
| 16    | 0.0     | 1.0    | 0.0      | 1.1    | 0.0   | 1.2    | 0.0   | 3.6    | 0.0   | 3.0    | 0.0   | 2.7    | 0.0  | 2.1    | 0.0    | 0.7    | 7.0       | 2.2    | 0.0     | 1.6    | 10.0     | 1.2    | 0.0      | 1.3    |
| 17    | 0.0     | 1.0    | 0.0      | 1.1    | 0.0   | 1.1    | 23.0  | 4.1    | 0.0   | 2.7    | 0.0   | 2.5    | 0.0  | 2.0    | 0.0    | 0.7    | 0.0       | 1.6    | 0.0     | 1.4    | 0.0      | 1.0    | 1.5      | 1.3    |
| 18    | 0.0     | 1.0    | 0.0      | 1.0    | 0.0   | 1.0    | 21.0  | 7.5    | 0.0   | 2.4    | 0.0   | 2.5    | 4.0  | 2.1    | 0.0    | 0.6    | 10.5      | 1.9    | 0.0     | 1.3    | 0.0      | 0.9    | 0.0      | 1.3    |
| 19    | 0.0     | 0.9    | 0.0      | 1.0    | 15.5  | 1.5    | 1.0   | 5.6    | 24.0  | 2.9    | 3.0   | 2.4    | 0.0  | 1.9    | 30.5   | 2.0    | 27.5      | 2.9    | 0.0     | 1.3    | 0.0      | 0.9    | 0.0      | 1.2    |
| 20    | 0.0     | 0.9    | 0.0      | 1.0    | 30.5  | 4.7    | 0.5   | 4.6    | 48.0  | 14.3   | 31.0  | 3.4    | 0.0  | 1.7    | 1.5    | 1.3    | 0.5       | 2.6    | 0.0     | 1.2    | 0.0      | 0.9    | 0.0      | 1.2    |
| 21    | 2.0     | 1.0    | 0.0      | 1.0    | 0.0   | 2.9    | 0.0   | 4.1    | 0.0   | 6.9    | 17.5  | 5.7    | 0.0  | 1.7    | 0.0    | 0.9    | 24.0      | 3.4    | 0.0     | 1.2    | 1.5      | 0.9    | 0.0      | 1.2    |
| 22    | 0.0     | 0.9    | 0.0      | 1.0    | 0.0   | 2.2    | 0.0   | 3.7    | 0.0   | 5.3    | 29.5  | 7.5    | 0.0  | 1.6    | 0.0    | 0.8    | 0.5       | 3.4    | 0.0     | 1.1    | 0.0      | 0.9    | 1.0      | 1.2    |
| 23    | 13.0    | 1.4    | 0.0      | 1.0    | 3.0   | 1.9    | 1.0   | 3.4    | 0.0   | 4.2    | 13.5  | 8.2    | 0.0  | 1.6    | 8.5    | 0.9    | 0.0       | 2.4    | 4.5     | 1.2    | 0.0      | 0.9    | 0.0      | 1.1    |
| 24    | 0.0     | 1.1    | 0.0      | 0.9    | 22.5  | 3.9    | 56.5  | 10.1   | 27.0  | 4.4    | 1.0   | 6.3    | 0.0  | 1.5    | 60.0   | 7.5    | 0.0       | 2.0    | 38.0    | 4.0    | 11.0     | 1.1    | 0.0      | 1.1    |
| 25    | 0.0     | 1.0    | 0.0      | 0.9    | 0.0   | 2.8    | 0.0   | 7.7    | 18.5  | 8.2    | 0.0   | 4.9    | 0.0  | 1.4    | 10.0   | 3.1    | 0.0       | 1.7    | 0.0     | 2.4    | 0.0      | 1.3    | 0.5      | 1.1    |
| 26    | 0.0     | 0.9    | 24.5     | 1.7    | 0.0   | 2.3    | 17.0  | 7.4    | 0.0   | 5.4    | 0.5   | 4.2    | 0.0  | 1.3    | 0.0    | 2.0    | 12.0      | 2.6    | 3.0     | 2.1    | 0.0      | 1.1    | 0.0      | 1.0    |
| 27    | 0.0     | 0.9    | 0.0      | 1.8    | 0.0   | 2.1    | 0.0   | 6.1    | 0.0   | 4.4    | 5.0   | 4.1    | 0.0  | 1.2    | 0.0    | 1.5    | 0.0       | 1.9    | 0.0     | 2.0    | 5.5      | 1.0    | 0.0      | 1.0    |
| 28    | 0.0     | 0.9    | 0.0      | 1.3    | 0.0   | 1.9    | 0.0   | 5.2    | 2.0   | 3.9    | 1.5   | 3.6    | 30.5 | 3.1    | 20.5   | 2.0    | 1.0       | 1.7    | 0.0     | 1.9    | 20.0     | 2.8    | 0.0      | 1.0    |
| 29    | 5.0     | 1.1    | 0.0      | 1.2    | 0.0   | 1.8    | 0.0   | 4.6    | 44.0  | 9.6    | 90.0  | 21.5   | 0.0  | 1.8    | 113.5  | 23.5   | 23.5      | 2.5    | 0.0     | 1.8    | 0.5      | 1.4    | 0.0      | 1.0    |
| 30    | 0.0     | 1.0    |          |        | 8.0   | 1.9    | 0.0   | 4.2    | 0.0   | 6.3    | 3.5   | 16.7   | 0.0  | 1.4    | 32.0   | 10.2   | 8.0       | 3.2    | 0.0     | 1.5    | 0.0      | 1.2    | 0.0      | 1.0    |
| 31    | 0.0     | 0.9    |          |        | 11.5  | 2.7    |       |        | 7.5   | 5.7    |       |        | 0.0  | 1.3    | 0.0    | 7.9    |           |        | 0.0     | 1.3    |          |        | 0.0      | 0.9    |
| total | 40.0    | 34.2   | 68.5     | 33.8   | 123.0 | 52.1   | 257.5 | 147.7  | 249.0 | 139.9  | 266.5 | 168.8  | 54.5 | n/a    | 320.0  | 82.0   | 127.5     | 74.5   | 93.5    | 57.7   | 56.0     | 33.1   | 69.5     | 51.2   |

HIGASHIYAMA

2009

unit: mm/day

n/a : data not available

annual precipitation: 1795.5

annual runoff: n/a

| day   | January |        | February |        | March |        | April |        | May   |        | June  |        | July  |        | August |        | September |        | October |        | November |        | December |        |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
|       | rain    | runoff | rain     | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain  | runoff | rain   | runoff | rain      | runoff | rain    | runoff | rain     | runoff | rain     | runoff |
| 1     | 0.0     | 0.9    | 0.0      | 2.8    | 0.0   | 1.8    | 0.0   | 2.4    | 0.0   | 2.7    | 0.0   | 2.4    | 26.5  | 4.4    | 52.5   | 17.1   | 0.0       | 1.3    | 0.0     | n/a    | 15.0     | 1.1    | 0.0      | 1.4    |
| 2     | 0.0     | 0.9    | 0.0      | 2.0    | 0.0   | 1.7    | 0.0   | 2.3    | 0.0   | 2.6    | 0.0   | 2.0    | 5.0   | 7.6    | 15.0   | 18.2   | 0.0       | 1.3    | 23.5    | n/a    | 0.5      | 1.1    | 0.0      | 1.3    |
| 3     | 0.0     | 0.9    | 0.0      | 1.8    | 11.5  | 1.9    | 0.0   | 2.2    | 0.0   | 2.4    | 0.0   | 1.9    | 7.5   | 4.7    | 0.0    | 12.5   | 2.5       | 1.4    | 1.0     | 1.4    | 0.0      | 0.8    | 2.0      | 1.3    |
| 4     | 0.0     | 0.9    | 0.0      | 1.6    | 0.0   | 1.9    | 10.0  | 2.5    | 0.0   | 2.3    | 0.0   | 1.8    | 0.5   | 4.0    | 0.0    | 9.4    | 0.5       | 1.4    | 0.0     | 1.0    | 0.0      | 0.8    | 0.0      | 1.3    |
| 5     | 0.0     | 0.9    | 0.0      | 1.5    | 0.5   | 1.7    | 0.0   | 2.3    | 27.0  | 3.2    | 24.5  | 3.1    | 0.0   | 3.3    | 0.0    | 7.6    | 0.0       | 1.2    | 4.5     | 0.9    | 0.0      | 0.8    | 14.0     | 1.8    |
| 6     | 0.5     | 0.9    | 0.0      | 1.4    | 37.5  | 5.0    | 0.0   | 2.1    | 31.5  | 6.3    | 0.0   | 2.4    | 28.0  | 5.7    | 0.0    | 6.5    | 0.0       | 1.1    | 8.5     | 1.3    | 0.0      | 0.7    | 0.0      | 1.5    |
| 7     | 0.0     | 0.8    | 0.0      | 1.3    | 0.0   | 4.0    | 0.0   | 2.0    | 78.5  | 17.8   | 0.0   | 2.0    | 3.5   | 4.4    | 0.5    | 5.8    | 0.0       | 1.0    | 58.0    | 4.3    | 0.0      | 0.7    | 0.0      | 1.3    |
| 8     | 0.5     | 0.8    | 0.0      | 1.3    | 0.0   | 3.2    | 0.0   | 1.9    | 2.5   | 18.8   | 0.0   | 1.8    | 10.0  | 4.4    | 0.0    | 5.1    | 0.0       | 0.9    | 42.5    | 18.5   | 0.0      | 0.7    | 0.0      | 1.3    |
| 9     | 7.0     | 1.0    | 0.0      | 1.2    | 0.0   | 2.9    | 0.0   | 1.8    | 0.0   | 9.5    | 0.0   | 1.8    | 1.5   | 4.1    | 2.5    | 4.7    | 0.0       | 0.9    | 0.0     | 5.0    | 0.0      | 0.7    | 0.0      | 1.2    |
| 10    | 2.0     | 0.9    | 0.5      | 1.2    | 0.0   | 2.6    | 0.0   | 1.8    | 0.0   | 6.8    | 23.5  | 2.2    | 0.5   | 3.6    | 39.5   | 9.4    | 0.0       | 0.8    | 0.0     | 3.0    | 15.0     | 0.9    | 0.0      | 1.2    |
| 11    | 0.0     | 0.8    | 4.5      | 1.2    | 0.0   | 2.2    | 0.0   | 1.7    | 0.0   | 5.5    | 28.5  | 7.0    | 0.0   | 3.2    | 0.0    | 5.6    | 0.0       | 0.8    | 0.0     | 2.2    | 67.0     | 10.3   | 33.5     | 3.5    |
| 12    | 0.5     | 0.8    | 0.0      | 1.2    | 0.0   | 2.0    | 0.0   | 1.7    | 2.0   | 4.8    | 0.0   | 3.4    | 0.0   | 2.8    | 0.0    | 4.7    | 43.5      | 3.5    | 0.0     | 1.9    | 0.0      | 3.8    | 0.0      | 2.5    |
| 13    | 0.0     | 0.8    | 3.0      | 1.2    | 35.5  | 3.0    | 0.0   | 1.6    | 4.5   | 4.6    | 0.0   | 2.7    | 2.5   | 2.7    | 0.5    | 4.2    | 0.0       | 1.9    | 0.0     | 1.6    | 0.0      | 2.3    | 0.0      | 2.0    |
| 14    | 0.0     | 0.8    | 15.5     | 2.4    | 37.0  | 13.3   | 66.0  | 5.8    | 0.0   | 3.8    | 0.0   | 2.3    | 0.0   | 2.4    | 0.0    | 3.8    | 0.0       | 1.3    | 0.0     | 1.5    | 23.5     | 4.5    | 0.0      | 1.8    |
| 15    | 0.0     | 0.8    | 0.0      | 1.5    | 0.0   | 6.4    | 1.5   | 6.1    | 0.0   | 3.5    | 0.0   | 2.0    | 0.0   | 2.2    | 0.0    | 3.5    | 1.5       | 1.3    | 0.0     | 1.4    | 0.0      | 2.9    | 0.0      | 1.6    |
| 16    | 0.0     | 0.7    | 0.5      | 1.4    | 0.0   | 4.9    | 0.0   | 3.6    | 15.0  | 3.8    | 5.0   | 2.0    | 0.0   | 2.1    | 0.0    | 3.2    | 0.0       | 1.1    | 0.0     | 1.3    | 0.0      | 2.3    | 0.0      | 1.5    |
| 17    | 0.0     | 0.8    | 0.0      | 1.2    | 0.0   | 4.1    | 6.5   | 3.3    | 36.5  | 8.4    | 0.0   | 1.9    | 53.5  | 5.4    | 0.0    | 3.0    | 0.0       | 1.0    | 2.5     | n/a    | 14.0     | 2.6    | 0.0      | 1.4    |
| 18    | 11.0    | 0.9    | 0.0      | 1.2    | 0.0   | 3.6    | 0.0   | 2.8    | 0.0   | 6.1    | 0.0   | 1.7    | 0.5   | 5.3    | 0.0    | 2.9    | 0.0       | 1.0    | 0.0     | n/a    | 0.0      | 2.3    | 0.0      | 1.4    |
| 19    | 5.0     | 1.4    | 2.0      | 1.2    | 0.0   | 3.3    | 0.0   | 2.5    | 0.0   | 4.7    | 0.0   | 1.6    | 2.5   | 3.6    | 0.0    | 2.7    | 0.0       | 0.9    | 0.0     | n/a    | 0.0      | 2.0    | 0.0      | 1.4    |
| 20    | 0.0     | 0.9    | 22.0     | 2.6    | 13.5  | 3.9    | 0.0   | 2.4    | 0.0   | 4.0    | 1.0   | 1.5    | 0.0   | 3.0    | 0.0    | 2.5    | 0.0       | 0.8    | 0.0     | n/a    | 0.0      | 1.8    | 0.0      | 1.3    |
| 21    | 8.0     | 1.0    | 0.0      | 1.8    | 0.0   | 3.1    | 25.0  | 3.5    | 0.0   | 3.6    | 18.0  | 2.5    | 7.0   | 3.1    | 3.0    | 2.4    | 0.0       | 0.8    | 0.0     | n/a    | 0.0      | 1.7    | 0.0      | 1.3    |
| 22    | 6.0     | 1.3    | 1.5      | 1.6    | 35.0  | 5.8    | 0.5   | 3.4    | 1.5   | 3.4    | 19.5  | 3.4    | 3.5   | 3.0    | 3.5    | 2.6    | 0.5       | 0.9    | 0.0     | n/a    | 6.0      | 1.7    | 2.5      | 1.2    |
| 23    | 5.0     | 1.6    | 13.0     | 2.5    | 0.0   | 5.7    | 0.0   | 2.7    | 0.0   | 3.1    | 4.5   | 2.8    | 0.5   | 2.6    | 0.0    | 2.2    | 0.5       | 0.9    | 0.0     | n/a    | 0.5      | 1.8    | 2.0      | 1.3    |
| 24    | 0.0     | 1.2    | 3.0      | 2.1    | 0.0   | 4.3    | 0.0   | 2.5    | 0.0   | 2.9    | 17.5  | 3.5    | 3.0   | 2.4    | 0.0    | 2.0    | 0.5       | 0.9    | 0.0     | 0.9    | 8.0      | 1.7    | 0.0      | 1.2    |
| 25    | 0.0     | 1.0    | 19.5     | 3.7    | 0.5   | 3.8    | 44.0  | 6.0    | 0.0   | 2.7    | 0.0   | 2.6    | 5.5   | 2.6    | 0.0    | 1.9    | 0.0       | 0.8    | 0.5     | 0.9    | 5.5      | 2.5    | 0.0      | 1.2    |
| 26    | 0.0     | 1.0    | 0.0      | 2.9    | 0.0   | 3.4    | 1.0   | 5.7    | 0.0   | 2.5    | 0.0   | 2.1    | 54.0  | 7.3    | 0.0    | 1.8    | 0.0       | 0.7    | 11.0    | 1.2    | 0.0      | 1.9    | 0.5      | 1.2    |
| 27    | 0.0     | 0.9    | 0.5      | 2.4    | 0.5   | 3.2    | 0.0   | 4.2    | 0.0   | 2.4    | 0.0   | 1.9    | 16.0  | 9.0    | 0.0    | 1.7    | 0.0       | 0.7    | 0.0     | 0.9    | 0.0      | 1.8    | 0.0      | 1.1    |
| 28    | 0.0     | 0.9    | 0.0      | 2.0    | 0.0   | 3.0    | 0.0   | 3.6    | 11.5  | 2.5    | 4.5   | 1.9    | 29.5  | 11.6   | 0.0    | 1.6    | 8.5       | 0.8    | 0.0     | 0.8    | 0.0      | 1.7    | 9.5      | 1.5    |
| 29    | 0.0     | 0.9    |          |        | 0.0   | 2.8    | 0.0   | 3.2    | 3.0   | 2.9    | 31.5  | 2.7    | 19.0  | 12.9   | 0.0    | 1.5    | 0.0       | 0.9    | 0.0     | 0.8    | 1.0      | 1.6    | 0.0      | 1.2    |
| 30    | 21.0    | 1.1    |          |        | 0.0   | 2.5    | 0.0   | 2.9    | 0.5   | 2.3    | 20.0  | 6.5    | 4.5   | 9.6    | 0.0    | 1.5    | 14.0      | n/a    | 0.0     | 0.8    | 0.0      | 1.5    | 2.0      | 1.2    |
| 31    | 34.0    | 6.6    |          |        | 0.0   | 2.5    |       |        | 13.5  | 3.2    |       |        | 9.0   | 8.0    | 0.0    | 1.4    |           |        | 0.0     | 0.7    |          |        | 1.5      | 1.3    |
| total | 100.5   | 35.1   | 85.5     | 50.2   | 171.5 | 113.5  | 154.5 | 90.5   | 227.5 | 153.1  | 198.0 | 77.4   | 293.5 | 151.0  | 117.0  | 153.0  | 72.0      | n/a    | 152.0   | n/a    | 156.0    | 61.0   | 67.5     | 45.7   |