

### 3. 上層氣象調查結果

#### 3-1 秋季調查結果

年月日：2016/11/05 0時

| 高度[m] | 溫度[℃] | 風向  | 風速[m/s] | 溫度勾配[℃/100m] | 濕度勾配[℃/100m] | 濕度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.8   | S   | 3.3     | 0.0          | 0.98         | 72.4  |
| 100   | 0.8   | S   | 3.0     | -0.6         | 0.38         | 68.4  |
| 150   | 0.5   | S   | 2.6     | -0.8         | 0.18         | 66.8  |
| 200   | 0.1   | SSE | 2.3     | -0.8         | 0.18         | 67.1  |
| 250   | -0.3  | SSE | 1.9     | -1.2         | -0.22        | 68.1  |
| 300   | -0.9  | S   | 1.6     | -1.0         | -0.02        | 70.5  |
| 350   | -1.4  | S   | 1.7     | -0.8         | 0.18         | 72.6  |
| 400   | -1.8  | SSW | 1.3     | -1.0         | -0.02        | 75.4  |
| 450   | -2.3  | SSW | 1.5     | -1.0         | -0.02        | 77.1  |
| 500   | -2.8  | SW  | 1.6     | -0.7         | 0.28         | 79.1  |
| 600   | -3.5  | W   | 2.8     | -0.7         | 0.28         | 85.3  |
| 700   | -4.2  | W   | 4.0     | -0.4         | 0.58         | 88.2  |
| 800   | -4.6  | W   | 5.3     | -0.5         | 0.48         | 88.3  |
| 900   | -5.1  | W   | 7.0     | -0.6         | 0.38         | 89.7  |
| 1000  | -5.7  | W   | 8.0     | -0.7         | 0.28         | 91.6  |
| 1100  | -6.4  | W   | 8.9     | -0.5         | 0.48         | 93.6  |
| 1200  | -6.9  | WNW | 9.7     | -0.6         | 0.38         | 91.7  |
| 1300  | -7.5  | WNW | 10.2    | -0.8         | 0.18         | 92.6  |
| 1400  | -8.3  | W   | 10.9    | 0.0          | 0.98         | 93.8  |
| 1500  | -8.3  | WNW | 13.0    | ---          | ---          | 89.2  |

年月日：2016/11/05 3時

| 高度[m] | 溫度[℃] | 風向  | 風速[m/s] | 溫度勾配[℃/100m] | 濕度勾配[℃/100m] | 濕度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.3  | SE  | 2.7     | -0.2         | 0.78         | 81.3  |
| 100   | -0.4  | SSW | 2.0     | 0.8          | 1.78         | 80.5  |
| 150   | 0.0   | SW  | 1.9     | -0.6         | 0.38         | 78.2  |
| 200   | -0.3  | SW  | 2.4     | 0.0          | 0.98         | 78.2  |
| 250   | -0.3  | SSW | 1.8     | 0.2          | 1.18         | 83.1  |
| 300   | -0.2  | S   | 2.0     | -0.4         | 0.58         | 76.2  |
| 350   | -0.4  | S   | 1.8     | -0.6         | 0.38         | 73.6  |
| 400   | -0.7  | SSE | 1.4     | -0.6         | 0.38         | 72.5  |
| 450   | -1.0  | S   | 0.5     | -0.4         | 0.58         | 73.1  |
| 500   | -1.2  | WSW | 0.6     | -0.8         | 0.18         | 76.4  |
| 600   | -2.0  | W   | 1.7     | -0.7         | 0.28         | 78.7  |
| 700   | -2.7  | W   | 2.9     | -0.5         | 0.48         | 82.3  |
| 800   | -3.2  | W   | 4.4     | -0.6         | 0.38         | 85.7  |
| 900   | -3.8  | W   | 6.3     | -0.4         | 0.58         | 88.1  |
| 1000  | -4.2  | W   | 8.1     | -0.6         | 0.38         | 90.1  |
| 1100  | -4.8  | W   | 9.7     | -0.5         | 0.48         | 90.8  |
| 1200  | -5.3  | W   | 12.4    | 0.5          | 1.48         | 92.2  |
| 1300  | -4.8  | W   | 15.2    | -0.7         | 0.28         | 86.9  |
| 1400  | -5.5  | WNW | 16.4    | -0.4         | 0.58         | 84.7  |
| 1500  | -5.9  | WNW | 16.9    | ---          | ---          | 85.4  |

年月日：2016/11/05 6時

| 高度[m] | 溫度[℃] | 風向  | 風速[m/s] | 溫度勾配[℃/100m] | 濕度勾配[℃/100m] | 濕度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.5  | SSE | 1.4     | -0.4         | 0.58         | 95.7  |
| 100   | -0.7  | SSE | 3.8     | -0.4         | 0.58         | 97.4  |
| 150   | -0.9  | S   | 5.2     | 0.8          | 1.78         | 97.4  |
| 200   | -0.5  | S   | 6.3     | -0.4         | 0.58         | 97.4  |
| 250   | -0.7  | S   | 7.3     | 0.2          | 1.18         | 97.4  |
| 300   | -0.6  | S   | 7.8     | -0.6         | 0.38         | 97.4  |
| 350   | -0.9  | S   | 7.9     | -0.6         | 0.38         | 96.1  |
| 400   | -1.2  | S   | 7.8     | -0.4         | 0.58         | 95.5  |
| 450   | -1.4  | S   | 7.3     | 0.0          | 0.98         | 95.3  |
| 500   | -1.4  | S   | 6.6     | -0.7         | 0.28         | 96.6  |
| 600   | -2.1  | S   | 5.7     | 0.0          | 0.98         | 97.3  |
| 700   | -2.1  | S   | 3.3     | -0.4         | 0.58         | 97.3  |
| 800   | -2.5  | SSW | 2.4     | -0.5         | 0.48         | 97.2  |
| 900   | -3.0  | SW  | 3.4     | -0.6         | 0.38         | 97.1  |
| 1000  | -3.6  | W   | 3.7     | -0.4         | 0.58         | 95.5  |
| 1100  | -4.0  | W   | 4.9     | -0.6         | 0.38         | 95.8  |
| 1200  | -4.6  | W   | 4.7     | -0.4         | 0.58         | 96.4  |
| 1300  | -5.0  | W   | 6.8     | -0.2         | 0.78         | 97.0  |
| 1400  | -5.2  | W   | 8.8     | 0.0          | 0.98         | 97.0  |
| 1500  | -5.2  | WNW | 11.6    | ---          | ---          | 97.0  |

年月日：2016/11/05 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.2   | S   | 2.2     | -0.4         | 0.58         | 95.6  |
| 100   | 0.0   | S   | 3.6     | 0.0          | 0.98         | 96.4  |
| 150   | 0.0   | S   | 3.7     | -0.8         | 0.18         | 97.5  |
| 200   | -0.4  | S   | 3.5     | 0.4          | 1.38         | 97.4  |
| 250   | -0.2  | S   | 4.5     | 0.0          | 0.98         | 97.5  |
| 300   | -0.2  | S   | 5.0     | -0.2         | 0.78         | 97.5  |
| 350   | -0.3  | S   | 5.2     | -0.4         | 0.58         | 97.5  |
| 400   | -0.5  | S   | 5.7     | -0.6         | 0.38         | 97.4  |
| 450   | -0.8  | S   | 6.0     | -0.2         | 0.78         | 97.0  |
| 500   | -0.9  | S   | 5.3     | 0.4          | 1.38         | 97.4  |
| 600   | -0.5  | S   | 3.6     | -0.5         | 0.48         | 97.4  |
| 700   | -1.0  | SSE | 3.4     | -0.3         | 0.68         | 97.4  |
| 800   | -1.3  | S   | 3.3     | 0.0          | 0.98         | 97.4  |
| 900   | -1.3  | S   | 5.3     | -0.7         | 0.28         | 97.4  |
| 1000  | -2.0  | SSW | 7.5     | -0.4         | 0.58         | 97.3  |
| 1100  | -2.4  | S   | 8.2     | -0.3         | 0.68         | 97.2  |
| 1200  | -2.7  | SSW | 10.3    | 0.2          | 1.18         | 97.2  |
| 1300  | -2.5  | SW  | 11.8    | 0.5          | 1.48         | 97.2  |
| 1400  | -2.0  | SW  | 14.6    | 0.1          | 1.08         | 97.3  |
| 1500  | -1.9  | SW  | 17.8    | ---          | ---          | 97.3  |

年月日：2016/11/05 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.1  | NE  | 0.6     | 0.0          | 0.98         | 97.5  |
| 100   | -0.1  | ENE | 0.9     | -0.4         | 0.58         | 97.5  |
| 150   | -0.3  | ESE | 1.3     | -0.6         | 0.38         | 97.5  |
| 200   | -0.6  | SE  | 2.1     | -0.2         | 0.78         | 97.4  |
| 250   | -0.7  | SE  | 3.2     | 0.2          | 1.18         | 97.4  |
| 300   | -0.6  | SSE | 4.4     | 0.8          | 1.78         | 97.4  |
| 350   | -0.2  | SSE | 5.7     | 0.4          | 1.38         | 97.5  |
| 400   | 0.0   | SSE | 6.2     | -0.4         | 0.58         | 97.5  |
| 450   | -0.2  | SSE | 6.9     | -0.4         | 0.58         | 97.5  |
| 500   | -0.4  | SSE | 7.3     | -0.2         | 0.78         | 97.4  |
| 600   | -0.6  | SSE | 9.1     | 0.1          | 1.08         | 97.4  |
| 700   | -0.5  | S   | 8.5     | -0.1         | 0.88         | 97.4  |
| 800   | -0.6  | S   | 7.2     | 1.5          | 2.48         | 97.4  |
| 900   | 0.9   | SW  | 7.8     | -0.6         | 0.38         | 97.6  |
| 1000  | 0.3   | SW  | 9.4     | -0.2         | 0.78         | 97.5  |
| 1100  | 0.1   | SW  | 11.5    | -0.2         | 0.78         | 97.5  |
| 1200  | -0.1  | SW  | 13.1    | -0.3         | 0.68         | 97.5  |
| 1300  | -0.4  | SW  | 16.4    | -0.3         | 0.68         | 97.4  |
| 1400  | -0.7  | WSW | 20.8    | -0.3         | 0.68         | 97.4  |
| 1500  | -1.0  | WSW | 22.2    | ---          | ---          | 97.4  |

年月日：2016/11/05 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.4   | N   | 1.2     | -0.2         | 0.78         | 97.5  |
| 100   | 0.3   | WNW | 1.9     | 0.4          | 1.38         | 97.5  |
| 150   | 0.5   | WNW | 2.8     | 1.2          | 2.18         | 97.5  |
| 200   | 1.1   | W   | 2.7     | -0.6         | 0.38         | 97.6  |
| 250   | 0.8   | SSW | 2.0     | 0.8          | 1.78         | 97.6  |
| 300   | 1.2   | S   | 4.1     | 5.4          | 6.38         | 97.6  |
| 350   | 3.9   | S   | 5.1     | 1.4          | 2.38         | 97.9  |
| 400   | 4.6   | SSW | 4.4     | 1.0          | 1.98         | 98.0  |
| 450   | 5.1   | SW  | 5.6     | 1.2          | 2.18         | 94.9  |
| 500   | 5.7   | WSW | 8.1     | -0.1         | 0.88         | 90.4  |
| 600   | 5.6   | WSW | 12.0    | 0.1          | 1.08         | 88.2  |
| 700   | 5.7   | WSW | 14.4    | -0.3         | 0.68         | 87.1  |
| 800   | 5.4   | WSW | 15.9    | -1.0         | -0.02        | 88.3  |
| 900   | 4.4   | WSW | 16.5    | -0.2         | 0.78         | 90.8  |
| 1000  | 4.2   | WSW | 21.5    | -0.5         | 0.48         | 91.9  |
| 1100  | 3.7   | WSW | 23.8    | -0.8         | 0.18         | 92.8  |
| 1200  | 2.9   | WSW | 24.4    | -0.6         | 0.38         | 95.6  |
| 1300  | 2.3   | WSW | 27.0    | -0.6         | 0.38         | 96.0  |
| 1400  | 1.7   | WSW | 28.1    | -0.7         | 0.28         | 96.8  |
| 1500  | 1.0   | WSW | 29.7    | ---          | ---          | 97.6  |

年月日：2016/11/05 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.1   | NNE | 4.9     | 0.0          | 0.98         | 97.5  |
| 100   | 0.1   | NNE | 6.1     | 1.6          | 2.58         | 97.5  |
| 150   | 0.9   | NNE | 5.5     | 1.0          | 1.98         | 97.6  |
| 200   | 1.4   | NE  | 4.8     | 3.8          | 4.78         | 97.6  |
| 250   | 3.3   | ENE | 3.4     | 2.2          | 3.18         | 97.8  |
| 300   | 4.4   | E   | 3.4     | 3.0          | 3.98         | 98.0  |
| 350   | 5.9   | SE  | 3.1     | -0.2         | 0.78         | 98.1  |
| 400   | 5.8   | SSE | 2.2     | 0.0          | 0.98         | 98.1  |
| 450   | 5.8   | SW  | 1.0     | -0.4         | 0.58         | 98.1  |
| 500   | 5.6   | W   | 2.5     | 0.0          | 0.98         | 98.1  |
| 600   | 5.6   | WSW | 6.7     | 0.1          | 1.08         | 98.1  |
| 700   | 5.7   | WSW | 13.2    | -0.5         | 0.48         | 95.2  |
| 800   | 5.2   | WSW | 15.3    | -0.7         | 0.28         | 97.3  |
| 900   | 4.5   | WSW | 16.6    | -0.7         | 0.28         | 98.0  |
| 1000  | 3.8   | WSW | 18.7    | -0.4         | 0.58         | 97.9  |
| 1100  | 3.4   | WSW | 19.2    | -0.5         | 0.48         | 97.8  |
| 1200  | 2.9   | WSW | 19.1    | -0.6         | 0.38         | 97.8  |
| 1300  | 2.3   | WSW | 20.0    | -0.6         | 0.38         | 97.7  |
| 1400  | 1.7   | WSW | 21.1    | -0.5         | 0.48         | 97.7  |
| 1500  | 1.2   | WSW | 21.6    | ---          | ---          | 97.6  |

年月日：2016/11/05 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 3.2   | N   | 3.8     | -0.8         | 0.18         | 85.5  |
| 100   | 2.8   | NNW | 5.6     | -0.2         | 0.78         | 84.2  |
| 150   | 2.7   | NNW | 7.1     | -0.2         | 0.78         | 84.4  |
| 200   | 2.6   | NNW | 7.7     | -1.0         | -0.02        | 82.3  |
| 250   | 2.1   | NNW | 7.8     | -1.2         | -0.22        | 82.8  |
| 300   | 1.5   | NNW | 7.3     | -0.6         | 0.38         | 85.1  |
| 350   | 1.2   | NNW | 6.6     | -0.2         | 0.78         | 86.9  |
| 400   | 1.1   | NNW | 7.0     | -0.8         | 0.18         | 87.9  |
| 450   | 0.7   | NW  | 8.0     | -0.6         | 0.38         | 88.6  |
| 500   | 0.4   | NW  | 8.8     | -0.8         | 0.18         | 88.6  |
| 600   | -0.4  | NW  | 9.7     | -0.8         | 0.18         | 91.0  |
| 700   | -1.2  | NW  | 10.7    | -0.6         | 0.38         | 95.5  |
| 800   | -1.8  | NW  | 12.5    | -0.2         | 0.78         | 96.7  |
| 900   | -2.0  | NW  | 14.1    | 0.2          | 1.18         | 94.0  |
| 1000  | -1.8  | NW  | 13.9    | -0.8         | 0.18         | 87.3  |
| 1100  | -2.6  | NW  | 13.0    | 1.0          | 1.98         | 91.1  |
| 1200  | -1.6  | WNW | 13.0    | 0.9          | 1.88         | 97.3  |
| 1300  | -0.7  | W   | 14.5    | -0.2         | 0.78         | 97.4  |
| 1400  | -0.9  | W   | 16.9    | -0.4         | 0.58         | 96.8  |
| 1500  | -1.3  | W   | 18.8    | ---          | ---          | 91.0  |

年月日：2016/11/06 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.3   | ENE | 2.6     | -0.2         | 0.78         | 89.8  |
| 100   | 2.2   | N   | 1.8     | -1.0         | -0.02        | 89.0  |
| 150   | 1.7   | N   | 3.3     | -1.0         | -0.02        | 90.7  |
| 200   | 1.2   | NNW | 4.2     | -0.6         | 0.38         | 92.9  |
| 250   | 0.9   | NW  | 4.8     | -0.2         | 0.78         | 94.6  |
| 300   | 0.8   | NW  | 5.4     | -0.6         | 0.38         | 92.8  |
| 350   | 0.5   | WNW | 6.2     | -0.8         | 0.18         | 90.8  |
| 400   | 0.1   | WNW | 6.4     | -0.8         | 0.18         | 91.7  |
| 450   | -0.3  | WNW | 6.4     | -1.2         | -0.22        | 93.2  |
| 500   | -0.9  | W   | 7.7     | -0.8         | 0.18         | 97.4  |
| 600   | -1.7  | WNW | 8.6     | -0.7         | 0.28         | 97.3  |
| 700   | -2.4  | WNW | 9.4     | -0.7         | 0.28         | 97.2  |
| 800   | -3.1  | WNW | 10.3    | -0.8         | 0.18         | 97.2  |
| 900   | -3.9  | WNW | 11.4    | -0.6         | 0.38         | 97.1  |
| 1000  | -4.5  | WNW | 10.8    | -1.1         | -0.12        | 97.0  |
| 1100  | -5.6  | NW  | 12.7    | -0.7         | 0.28         | 95.6  |
| 1200  | -6.3  | WNW | 16.4    | 0.3          | 1.28         | 96.1  |
| 1300  | -6.0  | WNW | 16.8    | -0.9         | 0.08         | 96.9  |
| 1400  | -6.9  | NW  | 16.2    | -1.3         | -0.32        | 96.8  |
| 1500  | -8.2  | WNW | 16.0    | ---          | ---          | 86.6  |

年月日：2016/11/06 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.3   | W   | 6.4     | -0.6         | 0.38         | 79.3  |
| 100   | 1.0   | W   | 9.3     | -0.6         | 0.38         | 78.3  |
| 150   | 0.7   | W   | 10.4    | -1.2         | -0.22        | 77.2  |
| 200   | 0.1   | W   | 11.9    | -1.0         | -0.02        | 79.5  |
| 250   | -0.4  | W   | 14.5    | -0.6         | 0.38         | 81.6  |
| 300   | -0.7  | W   | 16.1    | -1.0         | -0.02        | 82.3  |
| 350   | -1.2  | W   | 17.2    | -0.8         | 0.18         | 81.8  |
| 400   | -1.6  | W   | 17.0    | -0.8         | 0.18         | 80.9  |
| 450   | -2.0  | W   | 17.8    | -0.4         | 0.58         | 84.0  |
| 500   | -2.2  | W   | 18.5    | -0.8         | 0.18         | 81.8  |
| 600   | -3.0  | WNW | 19.3    | -0.9         | 0.08         | 83.6  |
| 700   | -3.9  | WNW | 20.5    | -0.6         | 0.38         | 86.0  |
| 800   | -4.5  | WNW | 23.2    | -1.0         | -0.02        | 86.0  |
| 900   | -5.5  | WNW | 23.9    | -0.8         | 0.18         | 90.1  |
| 1000  | -6.3  | WNW | 23.7    | -0.6         | 0.38         | 93.3  |
| 1100  | -6.9  | WNW | 27.1    | -1.0         | -0.02        | 89.9  |
| 1200  | -7.9  | WNW | 28.3    | -0.6         | 0.38         | 91.6  |
| 1300  | -8.5  | WNW | 27.9    | 0.1          | 1.08         | 94.4  |
| 1400  | -8.4  | NW  | 27.8    | -0.7         | 0.28         | 89.0  |
| 1500  | -9.1  | NW  | 27.8    | ---          | ---          | 89.3  |

年月日：2016/11/06 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.1  | NNW | 5.4     | -0.8         | 0.18         | 97.4  |
| 100   | -1.5  | NNW | 6.7     | -0.4         | 0.58         | 97.0  |
| 150   | -1.7  | NNW | 7.7     | -0.6         | 0.38         | 97.1  |
| 200   | -2.0  | NNW | 8.2     | -0.8         | 0.18         | 95.6  |
| 250   | -2.4  | NNW | 7.6     | -0.6         | 0.38         | 95.0  |
| 300   | -2.7  | NNW | 7.9     | -0.6         | 0.38         | 95.8  |
| 350   | -3.0  | NNW | 8.4     | -0.8         | 0.18         | 96.1  |
| 400   | -3.4  | NNW | 9.0     | -0.4         | 0.58         | 97.0  |
| 450   | -3.6  | NNW | 9.8     | -0.6         | 0.38         | 97.0  |
| 500   | -3.9  | NNW | 10.0    | -0.7         | 0.28         | 96.6  |
| 600   | -4.6  | NNW | 10.8    | -0.6         | 0.38         | 95.6  |
| 700   | -5.2  | NNW | 10.5    | -0.6         | 0.38         | 95.1  |
| 800   | -5.8  | NNW | 10.5    | -0.8         | 0.18         | 95.0  |
| 900   | -6.6  | NNW | 11.4    | -0.7         | 0.28         | 94.3  |
| 1000  | -7.3  | NNW | 10.6    | -0.5         | 0.48         | 93.8  |
| 1100  | -7.8  | NNW | 10.5    | -0.6         | 0.38         | 93.8  |
| 1200  | -8.4  | NNW | 11.6    | -0.7         | 0.28         | 93.4  |
| 1300  | -9.1  | NNW | 12.0    | -0.7         | 0.28         | 92.8  |
| 1400  | -9.8  | NW  | 12.3    | -0.6         | 0.38         | 92.5  |
| 1500  | -10.4 | NW  | 13.2    | ---          | ---          | 91.9  |

年月日：2016/11/06 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.3  | W   | 4.5     | 0.0          | 0.98         | 79.5  |
| 100   | -0.3  | WNW | 5.5     | -0.6         | 0.38         | 78.0  |
| 150   | -0.6  | NW  | 6.7     | -1.4         | -0.42        | 79.7  |
| 200   | -1.3  | NW  | 7.5     | -0.6         | 0.38         | 83.0  |
| 250   | -1.6  | NW  | 7.8     | -0.8         | 0.18         | 83.3  |
| 300   | -2.0  | NW  | 8.6     | -0.6         | 0.38         | 82.7  |
| 350   | -2.3  | NW  | 10.2    | -0.2         | 0.78         | 80.2  |
| 400   | -2.4  | NW  | 11.0    | -0.8         | 0.18         | 76.7  |
| 450   | -2.8  | NW  | 12.4    | -0.8         | 0.18         | 76.5  |
| 500   | -3.2  | NW  | 12.9    | -1.1         | -0.12        | 77.9  |
| 600   | -4.3  | NW  | 13.4    | -0.7         | 0.28         | 82.1  |
| 700   | -5.0  | NW  | 14.3    | -1.0         | -0.02        | 83.5  |
| 800   | -6.0  | NW  | 15.6    | -0.5         | 0.48         | 86.3  |
| 900   | -6.5  | NW  | 16.0    | -0.9         | 0.08         | 79.6  |
| 1000  | -7.4  | NW  | 16.6    | -0.7         | 0.28         | 85.5  |
| 1100  | -8.1  | NW  | 17.7    | -0.8         | 0.18         | 84.9  |
| 1200  | -8.9  | NW  | 17.2    | -0.7         | 0.28         | 84.6  |
| 1300  | -9.6  | NW  | 16.1    | -0.1         | 0.88         | 88.4  |
| 1400  | -9.7  | NW  | 15.1    | -0.8         | 0.18         | 77.5  |
| 1500  | -10.5 | NW  | 14.5    | ---          | ---          | 74.0  |

年月日：2016/11/06 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.6   | SW  | 1.2     | -0.6         | 0.38         | 53.8  |
| 100   | 0.3   | WNW | 1.8     | -0.6         | 0.38         | 46.9  |
| 150   | 0.0   | WNW | 3.4     | -1.0         | -0.02        | 46.6  |
| 200   | -0.5  | WNW | 5.3     | -1.0         | -0.02        | 47.4  |
| 250   | -1.0  | WNW | 6.7     | -1.0         | -0.02        | 48.1  |
| 300   | -1.5  | WNW | 8.6     | -1.0         | -0.02        | 50.5  |
| 350   | -2.0  | WNW | 9.4     | -1.0         | -0.02        | 50.7  |
| 400   | -2.5  | WNW | 9.0     | -1.2         | -0.22        | 52.5  |
| 450   | -3.1  | WNW | 8.7     | -1.0         | -0.02        | 53.6  |
| 500   | -3.6  | NW  | 9.2     | -0.9         | 0.08         | 56.3  |
| 600   | -4.5  | WNW | 10.3    | -1.0         | -0.02        | 54.3  |
| 700   | -5.5  | WNW | 12.1    | -0.8         | 0.18         | 56.8  |
| 800   | -6.3  | WNW | 14.5    | -1.0         | -0.02        | 58.9  |
| 900   | -7.3  | WNW | 14.5    | -1.0         | -0.02        | 62.9  |
| 1000  | -8.3  | WNW | 15.0    | -0.9         | 0.08         | 66.2  |
| 1100  | -9.2  | WNW | 14.6    | -1.0         | -0.02        | 68.0  |
| 1200  | -10.2 | WNW | 14.5    | -1.0         | -0.02        | 71.2  |
| 1300  | -11.2 | WNW | 16.1    | -0.6         | 0.38         | 76.6  |
| 1400  | -11.8 | WNW | 17.6    | -0.7         | 0.28         | 69.6  |
| 1500  | -12.5 | WNW | 17.3    | ---          | ---          | 69.7  |

年月日：2016/11/06 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.6  | WNW | 4.1     | -0.8         | 0.18         | 56.5  |
| 100   | -1.0  | WNW | 6.1     | -1.0         | -0.02        | 56.9  |
| 150   | -1.5  | WNW | 6.8     | -1.0         | -0.02        | 58.6  |
| 200   | -2.0  | WNW | 6.7     | -1.0         | -0.02        | 60.4  |
| 250   | -2.5  | WNW | 6.4     | -0.8         | 0.18         | 61.7  |
| 300   | -2.9  | WNW | 5.5     | -0.8         | 0.18         | 60.8  |
| 350   | -3.3  | WNW | 5.4     | -1.2         | -0.22        | 62.7  |
| 400   | -3.9  | WNW | 5.2     | -0.8         | 0.18         | 63.8  |
| 450   | -4.3  | WNW | 6.0     | -1.0         | -0.02        | 65.4  |
| 500   | -4.8  | WNW | 6.9     | -0.8         | 0.18         | 67.3  |
| 600   | -5.6  | WNW | 8.9     | -1.1         | -0.12        | 63.7  |
| 700   | -6.7  | WNW | 10.6    | -0.8         | 0.18         | 71.4  |
| 800   | -7.5  | NW  | 11.4    | -0.8         | 0.18         | 67.3  |
| 900   | -8.3  | NW  | 11.6    | -0.8         | 0.18         | 67.3  |
| 1000  | -9.1  | WNW | 12.6    | -1.0         | -0.02        | 67.3  |
| 1100  | -10.1 | NW  | 12.6    | -1.0         | -0.02        | 69.8  |
| 1200  | -11.1 | NW  | 13.4    | -0.9         | 0.08         | 77.8  |
| 1300  | -12.0 | NW  | 13.8    | -0.7         | 0.28         | 78.9  |
| 1400  | -12.7 | NW  | 13.8    | -1.0         | -0.02        | 79.7  |
| 1500  | -13.7 | NW  | 13.5    | ---          | ---          | 80.1  |

年月日：2016/11/06 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.0  | NNW | 6.6     | -0.6         | 0.38         | 56.3  |
| 100   | -2.3  | NNW | 8.0     | -0.6         | 0.38         | 55.0  |
| 150   | -2.6  | NNW | 7.8     | -0.4         | 0.58         | 54.8  |
| 200   | -2.8  | NNW | 8.1     | -0.8         | 0.18         | 54.0  |
| 250   | -3.2  | NNW | 7.7     | -0.8         | 0.18         | 54.9  |
| 300   | -3.6  | NW  | 7.1     | -0.6         | 0.38         | 55.9  |
| 350   | -3.9  | NW  | 6.9     | -1.0         | -0.02        | 56.3  |
| 400   | -4.4  | NW  | 7.0     | -0.8         | 0.18         | 57.4  |
| 450   | -4.8  | NW  | 7.4     | -1.0         | -0.02        | 58.8  |
| 500   | -5.3  | NW  | 7.5     | -1.1         | -0.12        | 60.5  |
| 600   | -6.4  | WNW | 8.4     | -0.7         | 0.28         | 64.5  |
| 700   | -7.1  | WNW | 10.4    | -0.9         | 0.08         | 66.9  |
| 800   | -8.0  | WNW | 11.4    | -0.8         | 0.18         | 70.2  |
| 900   | -8.8  | WNW | 11.8    | -0.9         | 0.08         | 72.2  |
| 1000  | -9.7  | WNW | 13.2    | -1.0         | -0.02        | 75.5  |
| 1100  | -10.7 | WNW | 13.8    | -0.9         | 0.08         | 81.3  |
| 1200  | -11.6 | WNW | 13.8    | -1.0         | -0.02        | 85.1  |
| 1300  | -12.6 | WNW | 14.9    | -0.8         | 0.18         | 89.0  |
| 1400  | -13.4 | WNW | 15.4    | -0.7         | 0.28         | 96.2  |
| 1500  | -14.1 | WNW | 15.5    | ---          | ---          | 92.6  |

年月日：2016/11/06 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.4  | NW  | 5.8     | -0.8         | 0.18         | 57.2  |
| 100   | -1.8  | NW  | 8.5     | -0.6         | 0.38         | 57.1  |
| 150   | -2.1  | NNW | 9.4     | -0.6         | 0.38         | 55.7  |
| 200   | -2.4  | NNW | 10.0    | -0.8         | 0.18         | 56.0  |
| 250   | -2.8  | NW  | 10.8    | -1.2         | -0.22        | 57.3  |
| 300   | -3.4  | NW  | 10.7    | -0.8         | 0.18         | 58.3  |
| 350   | -3.8  | NW  | 11.1    | -0.8         | 0.18         | 59.9  |
| 400   | -4.2  | NW  | 11.8    | -0.8         | 0.18         | 60.3  |
| 450   | -4.6  | NW  | 12.4    | -0.8         | 0.18         | 60.8  |
| 500   | -5.0  | NW  | 12.5    | -1.0         | -0.02        | 60.7  |
| 600   | -6.0  | NW  | 12.8    | -1.0         | -0.02        | 64.0  |
| 700   | -7.0  | NW  | 12.7    | -0.9         | 0.08         | 67.7  |
| 800   | -7.9  | NW  | 12.7    | -0.9         | 0.08         | 70.9  |
| 900   | -8.8  | NW  | 12.8    | -0.9         | 0.08         | 74.6  |
| 1000  | -9.7  | NW  | 11.5    | -0.9         | 0.08         | 78.1  |
| 1100  | -10.6 | NW  | 10.4    | -1.1         | -0.12        | 85.8  |
| 1200  | -11.7 | WNW | 9.1     | -0.8         | 0.18         | 91.4  |
| 1300  | -12.5 | WNW | 9.0     | -0.3         | 0.68         | 96.4  |
| 1400  | -12.8 | WNW | 9.9     | -0.7         | 0.28         | 96.4  |
| 1500  | -13.5 | WNW | 11.5    | ---          | ---          | 96.3  |

年月日：2016/11/07 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.8  | SSW | 3.7     | -0.2         | 0.78         | 58.7  |
| 100   | -1.9  | W   | 5.2     | -0.8         | 0.18         | 57.0  |
| 150   | -2.3  | W   | 6.6     | -0.4         | 0.58         | 57.8  |
| 200   | -2.5  | WNW | 7.2     | -0.2         | 0.78         | 57.1  |
| 250   | -2.6  | WNW | 8.0     | -1.0         | -0.02        | 57.4  |
| 300   | -3.1  | WNW | 8.7     | -0.8         | 0.18         | 58.3  |
| 350   | -3.5  | WNW | 8.2     | -1.0         | -0.02        | 59.6  |
| 400   | -4.0  | WNW | 8.4     | -1.0         | -0.02        | 60.9  |
| 450   | -4.5  | NW  | 7.9     | -1.0         | -0.02        | 62.4  |
| 500   | -5.0  | NW  | 7.4     | -0.9         | 0.08         | 63.6  |
| 600   | -5.9  | NW  | 7.2     | -0.7         | 0.28         | 67.6  |
| 700   | -6.6  | NW  | 8.8     | -1.1         | -0.12        | 71.1  |
| 800   | -7.7  | NW  | 10.2    | -0.9         | 0.08         | 75.6  |
| 900   | -8.6  | NW  | 10.8    | -0.8         | 0.18         | 80.9  |
| 1000  | -9.4  | NW  | 11.8    | -0.7         | 0.28         | 84.2  |
| 1100  | -10.1 | NW  | 12.1    | -1.0         | -0.02        | 86.2  |
| 1200  | -11.1 | NW  | 12.9    | -0.9         | 0.08         | 91.0  |
| 1300  | -12.0 | NW  | 13.9    | -0.8         | 0.18         | 95.4  |
| 1400  | -12.8 | NW  | 13.4    | -0.4         | 0.58         | 96.4  |
| 1500  | -13.2 | NNW | 13.5    | ---          | ---          | 96.3  |

年月日：2016/11/07 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.3  | WNW | 6.7     | -0.8         | 0.18         | 56.8  |
| 100   | -1.7  | W   | 7.6     | -0.4         | 0.58         | 57.0  |
| 150   | -1.9  | WNW | 8.1     | -0.8         | 0.18         | 57.3  |
| 200   | -2.3  | WNW | 8.5     | -0.2         | 0.78         | 57.9  |
| 250   | -2.4  | WNW | 8.3     | -0.8         | 0.18         | 57.4  |
| 300   | -2.8  | WNW | 8.4     | -1.0         | -0.02        | 58.0  |
| 350   | -3.3  | NW  | 8.5     | -0.8         | 0.18         | 59.4  |
| 400   | -3.7  | NW  | 8.3     | -0.4         | 0.58         | 60.5  |
| 450   | -3.9  | NW  | 8.6     | -0.8         | 0.18         | 61.3  |
| 500   | -4.3  | NW  | 9.4     | -1.2         | -0.22        | 62.5  |
| 600   | -5.5  | NW  | 10.5    | -0.9         | 0.08         | 66.1  |
| 700   | -6.4  | NW  | 10.9    | -0.7         | 0.28         | 69.9  |
| 800   | -7.1  | NNW | 11.4    | -0.8         | 0.18         | 75.3  |
| 900   | -7.9  | NNW | 12.2    | -0.9         | 0.08         | 80.2  |
| 1000  | -8.8  | NNW | 12.6    | -0.9         | 0.08         | 88.9  |
| 1100  | -9.7  | NNW | 12.0    | -0.7         | 0.28         | 95.9  |
| 1200  | -10.4 | NNW | 13.0    | -0.2         | 0.78         | 96.5  |
| 1300  | -10.6 | NNW | 13.9    | -0.5         | 0.48         | 96.5  |
| 1400  | -11.1 | NNW | 13.9    | -0.7         | 0.28         | 96.5  |
| 1500  | -11.8 | NNW | 13.7    | ---          | ---          | 96.4  |

年月日：2016/11/07 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.9  | WNW | 2.8     | 0.0          | 0.98         | 62.7  |
| 100   | -1.9  | W   | 4.8     | 0.2          | 1.18         | 60.8  |
| 150   | -1.8  | W   | 6.2     | -0.2         | 0.78         | 58.0  |
| 200   | -1.9  | WNW | 6.8     | -0.2         | 0.78         | 57.5  |
| 250   | -2.0  | WNW | 6.9     | -0.8         | 0.18         | 57.6  |
| 300   | -2.4  | WNW | 7.0     | -0.8         | 0.18         | 57.5  |
| 350   | -2.8  | NW  | 6.8     | -1.0         | -0.02        | 58.3  |
| 400   | -3.3  | NW  | 6.8     | -0.8         | 0.18         | 59.8  |
| 450   | -3.7  | NW  | 7.2     | -1.0         | -0.02        | 60.8  |
| 500   | -4.2  | NW  | 7.3     | -0.9         | 0.08         | 62.4  |
| 600   | -5.1  | NNW | 7.8     | -0.7         | 0.28         | 65.2  |
| 700   | -5.8  | NNW | 8.4     | -0.9         | 0.08         | 68.7  |
| 800   | -6.7  | NNW | 8.5     | -1.0         | -0.02        | 72.9  |
| 900   | -7.7  | NNW | 8.4     | -0.9         | 0.08         | 78.2  |
| 1000  | -8.6  | NNW | 8.6     | -1.0         | -0.02        | 82.9  |
| 1100  | -9.6  | NNW | 9.0     | -0.8         | 0.18         | 91.1  |
| 1200  | -10.4 | NNW | 9.8     | -0.8         | 0.18         | 95.2  |
| 1300  | -11.2 | NNW | 9.7     | -0.1         | 0.88         | 96.0  |
| 1400  | -11.3 | NNW | 9.6     | -0.9         | 0.08         | 96.5  |
| 1500  | -12.2 | NNW | 10.3    | ---          | ---          | 96.4  |

年月日：2016/11/07 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.5  | NNW | 2.1     | -0.8         | 0.18         | 58.6  |
| 100   | -0.9  | NW  | 2.2     | -0.8         | 0.18         | 60.3  |
| 150   | -1.3  | WNW | 2.0     | 0.0          | 0.98         | 62.8  |
| 200   | -1.3  | WNW | 2.1     | -1.2         | -0.22        | 61.6  |
| 250   | -1.9  | WNW | 1.4     | -0.8         | 0.18         | 62.4  |
| 300   | -2.3  | W   | 1.1     | -0.8         | 0.18         | 64.7  |
| 350   | -2.7  | WSW | 1.0     | -1.2         | -0.22        | 66.8  |
| 400   | -3.3  | W   | 1.1     | -0.8         | 0.18         | 68.6  |
| 450   | -3.7  | WNW | 1.6     | -1.0         | -0.02        | 72.0  |
| 500   | -4.2  | WNW | 1.9     | -0.8         | 0.18         | 74.6  |
| 600   | -5.0  | NW  | 3.7     | -0.9         | 0.08         | 77.1  |
| 700   | -5.9  | NW  | 4.8     | -0.9         | 0.08         | 79.9  |
| 800   | -6.8  | NNW | 4.8     | -0.8         | 0.18         | 83.8  |
| 900   | -7.6  | NNW | 5.8     | -0.7         | 0.28         | 85.7  |
| 1000  | -8.3  | NNW | 5.4     | -1.1         | -0.12        | 87.1  |
| 1100  | -9.4  | NNW | 6.0     | -0.9         | 0.08         | 91.9  |
| 1200  | -10.3 | N   | 6.3     | -0.9         | 0.08         | 96.5  |
| 1300  | -11.2 | N   | 6.2     | -0.7         | 0.28         | 96.5  |
| 1400  | -11.9 | NNW | 7.3     | 1.5          | 2.48         | 96.4  |
| 1500  | -10.4 | NW  | 9.1     | ---          | ---          | 20.7  |

年月日：2016/11/07 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.0   | E   | 2.1     | -0.4         | 0.58         | 51.1  |
| 100   | 0.8   | ENE | 2.6     | -1.0         | -0.02        | 51.8  |
| 150   | 0.3   | ENE | 2.7     | -1.4         | -0.42        | 52.8  |
| 200   | -0.4  | ENE | 2.4     | -1.2         | -0.22        | 55.7  |
| 250   | -1.0  | ENE | 2.9     | -0.8         | 0.18         | 57.5  |
| 300   | -1.4  | ENE | 2.6     | -1.0         | -0.02        | 59.9  |
| 350   | -1.9  | ENE | 1.8     | -0.8         | 0.18         | 61.9  |
| 400   | -2.3  | NE  | 1.8     | -1.0         | -0.02        | 63.4  |
| 450   | -2.8  | NNE | 1.2     | -0.8         | 0.18         | 63.9  |
| 500   | -3.2  | NNW | 0.5     | -1.1         | -0.12        | 64.9  |
| 600   | -4.3  | WSW | 1.2     | -0.9         | 0.08         | 68.2  |
| 700   | -5.2  | WSW | 1.3     | -0.9         | 0.08         | 69.8  |
| 800   | -6.1  | WSW | 1.2     | -0.9         | 0.08         | 76.4  |
| 900   | -7.0  | SW  | 1.8     | -0.6         | 0.38         | 80.2  |
| 1000  | -7.6  | WSW | 2.8     | -0.3         | 0.68         | 82.2  |
| 1100  | -7.9  | WSW | 5.0     | 0.4          | 1.38         | 77.5  |
| 1200  | -7.5  | W   | 5.7     | 2.3          | 3.28         | 42.1  |
| 1300  | -5.2  | WNW | 6.6     | -0.1         | 0.88         | 3.4   |
| 1400  | -5.3  | WNW | 5.9     | -0.5         | 0.48         | 3.0   |
| 1500  | -5.8  | WNW | 5.8     | ---          | ---          | 3.4   |

年月日：2016/11/07 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.8   | ENE | 1.8     | -0.6         | 0.38         | 61.4  |
| 100   | 0.5   | ENE | 2.6     | -1.2         | -0.22        | 62.2  |
| 150   | -0.1  | ENE | 2.8     | -0.8         | 0.18         | 63.4  |
| 200   | -0.5  | E   | 2.6     | -1.2         | -0.22        | 65.0  |
| 250   | -1.1  | E   | 2.5     | -0.8         | 0.18         | 65.9  |
| 300   | -1.5  | ESE | 2.8     | -1.0         | -0.02        | 67.2  |
| 350   | -2.0  | ESE | 3.0     | -1.0         | -0.02        | 69.3  |
| 400   | -2.5  | ESE | 3.2     | -0.8         | 0.18         | 71.4  |
| 450   | -2.9  | ESE | 3.4     | -1.0         | -0.02        | 73.5  |
| 500   | -3.4  | SE  | 3.1     | -0.8         | 0.18         | 75.2  |
| 600   | -4.2  | S   | 2.2     | -0.6         | 0.38         | 80.7  |
| 700   | -4.8  | SW  | 3.2     | -0.2         | 0.78         | 87.7  |
| 800   | -5.0  | SW  | 4.5     | -0.1         | 0.88         | 88.3  |
| 900   | -5.1  | WSW | 6.5     | 0.0          | 0.98         | 83.3  |
| 1000  | -5.1  | WSW | 7.4     | 1.4          | 2.38         | 66.9  |
| 1100  | -3.7  | W   | 7.6     | 0.4          | 1.38         | 7.4   |
| 1200  | -3.3  | WSW | 6.7     | -0.3         | 0.68         | 4.1   |
| 1300  | -3.6  | WSW | 6.5     | -0.8         | 0.18         | 2.3   |
| 1400  | -4.4  | WSW | 6.3     | -0.6         | 0.38         | 3.3   |
| 1500  | -5.0  | W   | 5.5     | ---          | ---          | 7.9   |

年月日：2016/11/07 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -0.4  | S   | 1.4     | -0.2         | 0.78         | 66.1  |
| 100   | -0.5  | S   | 2.4     | -0.4         | 0.58         | 61.9  |
| 150   | -0.7  | SSE | 3.0     | -0.6         | 0.38         | 60.9  |
| 200   | -1.0  | SE  | 4.1     | -1.0         | -0.02        | 59.9  |
| 250   | -1.5  | SE  | 4.9     | -0.6         | 0.38         | 60.8  |
| 300   | -1.8  | SE  | 5.3     | -1.0         | -0.02        | 62.1  |
| 350   | -2.3  | SE  | 6.3     | -0.6         | 0.38         | 63.6  |
| 400   | -2.6  | SSE | 6.0     | -0.8         | 0.18         | 66.6  |
| 450   | -3.0  | SSE | 6.3     | -0.4         | 0.58         | 69.4  |
| 500   | -3.2  | SSE | 6.1     | -0.4         | 0.58         | 73.3  |
| 600   | -3.6  | S   | 5.1     | 0.4          | 1.38         | 80.7  |
| 700   | -3.2  | SSW | 3.6     | -0.4         | 0.58         | 68.6  |
| 800   | -3.6  | SW  | 4.0     | -0.8         | 0.18         | 58.0  |
| 900   | -4.4  | SW  | 5.9     | 0.8          | 1.78         | 59.1  |
| 1000  | -3.6  | SW  | 6.9     | 0.7          | 1.68         | 21.2  |
| 1100  | -2.9  | WSW | 6.3     | 0.2          | 1.18         | 8.1   |
| 1200  | -2.7  | WSW | 5.9     | -0.8         | 0.18         | 8.2   |
| 1300  | -3.5  | WSW | 5.8     | -0.6         | 0.38         | 6.5   |
| 1400  | -4.1  | WSW | 5.8     | -0.4         | 0.58         | 5.6   |
| 1500  | -4.5  | W   | 5.8     | ---          | ---          | 3.0   |

年月日：2016/11/07 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.1   | S   | 6.4     | -0.4         | 0.58         | 68.2  |
| 100   | 0.9   | S   | 6.7     | -0.8         | 0.18         | 68.5  |
| 150   | 0.5   | S   | 7.6     | -1.2         | -0.22        | 69.2  |
| 200   | -0.1  | S   | 8.0     | -0.8         | 0.18         | 70.4  |
| 250   | -0.5  | S   | 8.7     | -0.6         | 0.38         | 71.5  |
| 300   | -0.8  | S   | 9.2     | -0.6         | 0.38         | 71.9  |
| 350   | -1.1  | SSW | 9.5     | -0.8         | 0.18         | 72.7  |
| 400   | -1.5  | SSW | 9.8     | -0.4         | 0.58         | 74.0  |
| 450   | -1.7  | SSW | 9.8     | -0.4         | 0.58         | 74.0  |
| 500   | -1.9  | SSW | 9.6     | -0.2         | 0.78         | 73.6  |
| 600   | -2.1  | SSW | 8.8     | -0.7         | 0.28         | 68.6  |
| 700   | -2.8  | SSW | 7.2     | -0.6         | 0.38         | 65.5  |
| 800   | -3.4  | SW  | 5.4     | 1.5          | 2.48         | 62.8  |
| 900   | -1.9  | SW  | 3.0     | -0.5         | 0.48         | 38.5  |
| 1000  | -2.4  | SW  | 1.1     | -0.8         | 0.18         | 51.2  |
| 1100  | -3.2  | SSW | 0.8     | -0.8         | 0.18         | 52.9  |
| 1200  | -4.0  | SW  | 2.4     | -0.8         | 0.18         | 54.9  |
| 1300  | -4.8  | SW  | 4.4     | -0.8         | 0.18         | 55.0  |
| 1400  | -5.6  | SW  | 5.6     | 0.0          | 0.98         | 69.2  |
| 1500  | -5.6  | WSW | 8.2     | ---          | ---          | 89.6  |

年月日：2016/11/08 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.9   | S   | 2.9     | -0.4         | 0.58         | 72.6  |
| 100   | 1.7   | S   | 4.6     | 0.0          | 0.98         | 73.1  |
| 150   | 1.7   | S   | 5.4     | -0.8         | 0.18         | 73.3  |
| 200   | 1.3   | S   | 6.0     | -1.0         | -0.02        | 73.9  |
| 250   | 0.8   | S   | 6.7     | -0.2         | 0.78         | 75.5  |
| 300   | 0.7   | S   | 7.3     | -0.8         | 0.18         | 76.8  |
| 350   | 0.3   | S   | 8.1     | -1.0         | -0.02        | 77.5  |
| 400   | -0.2  | S   | 8.9     | -0.8         | 0.18         | 79.0  |
| 450   | -0.6  | S   | 9.5     | -0.8         | 0.18         | 80.7  |
| 500   | -1.0  | S   | 9.8     | -0.7         | 0.28         | 82.6  |
| 600   | -1.7  | S   | 11.5    | -0.6         | 0.38         | 86.4  |
| 700   | -2.3  | S   | 12.1    | -0.9         | 0.08         | 88.0  |
| 800   | -3.2  | S   | 11.8    | -0.8         | 0.18         | 91.2  |
| 900   | -4.0  | S   | 12.6    | -0.7         | 0.28         | 95.6  |
| 1000  | -4.7  | S   | 13.4    | -0.8         | 0.18         | 97.0  |
| 1100  | -5.5  | S   | 13.4    | 3.8          | 4.78         | 97.0  |
| 1200  | -1.7  | S   | 11.1    | -0.3         | 0.68         | 12.1  |
| 1300  | -2.0  | S   | 8.2     | -0.8         | 0.18         | 23.7  |
| 1400  | -2.8  | S   | 7.3     | -0.9         | 0.08         | 32.3  |
| 1500  | -3.7  | SSW | 6.6     | ---          | ---          | 61.7  |

年月日：2016/11/08 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.3   | SSE | 6.9     | -0.8         | 0.18         | 76.9  |
| 100   | 1.9   | SSE | 8.5     | -0.6         | 0.38         | 78.0  |
| 150   | 1.6   | SSE | 10.0    | -0.8         | 0.18         | 79.4  |
| 200   | 1.2   | SSE | 11.4    | 0.2          | 1.18         | 80.5  |
| 250   | 1.3   | SSE | 13.0    | 0.0          | 0.98         | 83.3  |
| 300   | 1.3   | SSE | 13.2    | -0.6         | 0.38         | 84.5  |
| 350   | 1.0   | SSE | 13.1    | -0.8         | 0.18         | 81.7  |
| 400   | 0.6   | SSE | 12.8    | -0.2         | 0.78         | 79.7  |
| 450   | 0.5   | SSE | 12.6    | -0.6         | 0.38         | 77.8  |
| 500   | 0.2   | SSE | 12.9    | -0.8         | 0.18         | 77.5  |
| 600   | -0.6  | S   | 13.0    | -0.7         | 0.28         | 80.8  |
| 700   | -1.3  | S   | 13.8    | -0.7         | 0.28         | 86.5  |
| 800   | -2.0  | S   | 14.9    | -0.8         | 0.18         | 90.9  |
| 900   | -2.8  | S   | 15.1    | -0.5         | 0.48         | 96.0  |
| 1000  | -3.3  | S   | 15.2    | -0.3         | 0.68         | 97.2  |
| 1100  | -3.6  | S   | 14.4    | -0.6         | 0.38         | 97.1  |
| 1200  | -4.2  | S   | 14.7    | -0.6         | 0.38         | 97.1  |
| 1300  | -4.8  | S   | 14.9    | 0.1          | 1.08         | 71.6  |
| 1400  | -4.7  | SSW | 15.2    | 0.6          | 1.58         | 63.0  |
| 1500  | -4.1  | SSW | 14.8    | ---          | ---          | 60.5  |

年月日：2016/11/08 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.7   | SE  | 6.4     | 0.0          | 0.98         | 91.2  |
| 100   | 1.7   | SE  | 8.0     | -0.6         | 0.38         | 91.0  |
| 150   | 1.4   | SE  | 9.8     | -0.2         | 0.78         | 92.0  |
| 200   | 1.3   | SE  | 11.8    | -0.4         | 0.58         | 93.4  |
| 250   | 1.1   | SE  | 13.1    | -0.4         | 0.58         | 94.9  |
| 300   | 0.9   | SSE | 14.7    | 0.2          | 1.18         | 95.4  |
| 350   | 1.0   | SSE | 15.4    | -0.2         | 0.78         | 97.3  |
| 400   | 0.9   | SSE | 15.4    | -0.6         | 0.38         | 97.5  |
| 450   | 0.6   | SSE | 15.3    | -0.2         | 0.78         | 97.6  |
| 500   | 0.5   | SSE | 15.0    | -0.4         | 0.58         | 97.5  |
| 600   | 0.1   | SSE | 15.2    | -0.6         | 0.38         | 97.5  |
| 700   | -0.5  | S   | 16.8    | -0.2         | 0.78         | 97.4  |
| 800   | -0.7  | S   | 17.2    | 0.1          | 1.08         | 97.4  |
| 900   | -0.6  | S   | 17.2    | -1.0         | -0.02        | 97.4  |
| 1000  | -1.6  | S   | 17.7    | -0.5         | 0.48         | 97.3  |
| 1100  | -2.1  | S   | 17.3    | -0.5         | 0.48         | 97.3  |
| 1200  | -2.6  | S   | 17.8    | -0.3         | 0.68         | 97.2  |
| 1300  | -2.9  | S   | 19.5    | -0.6         | 0.38         | 97.2  |
| 1400  | -3.5  | S   | 20.5    | -0.6         | 0.38         | 97.1  |
| 1500  | -4.1  | S   | 21.4    | ---          | ---          | 97.1  |

年月日：2016/11/08 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 5.6   | SSE | 7.4     | -0.8         | 0.18         | 93.2  |
| 100   | 5.2   | SSE | 9.0     | -0.6         | 0.38         | 94.3  |
| 150   | 4.9   | SSE | 10.8    | -0.2         | 0.78         | 95.5  |
| 200   | 4.8   | SSE | 13.2    | -1.2         | -0.22        | 95.3  |
| 250   | 4.2   | SSE | 14.6    | -0.6         | 0.38         | 97.0  |
| 300   | 3.9   | SSE | 16.6    | -0.2         | 0.78         | 97.9  |
| 350   | 3.8   | SSE | 19.1    | -0.6         | 0.38         | 97.9  |
| 400   | 3.5   | SSE | 20.4    | -0.4         | 0.58         | 97.9  |
| 450   | 3.3   | SSE | 21.4    | -0.4         | 0.58         | 97.8  |
| 500   | 3.1   | SSE | 21.7    | -0.6         | 0.38         | 97.8  |
| 600   | 2.5   | S   | 23.2    | -0.5         | 0.48         | 97.7  |
| 700   | 2.0   | S   | 23.6    | -0.6         | 0.38         | 97.3  |
| 800   | 1.4   | S   | 24.3    | -0.6         | 0.38         | 97.6  |
| 900   | 0.8   | S   | 24.4    | -0.6         | 0.38         | 97.6  |
| 1000  | 0.2   | S   | 23.6    | -0.6         | 0.38         | 97.5  |
| 1100  | -0.4  | S   | 22.5    | -0.7         | 0.28         | 96.9  |
| 1200  | -1.1  | S   | 21.4    | -0.7         | 0.28         | 95.9  |
| 1300  | -1.8  | S   | 21.2    | 0.8          | 1.78         | 96.8  |
| 1400  | -1.0  | S   | 22.1    | -2.3         | -1.32        | 97.4  |
| 1500  | -3.3  | S   | 23.0    | ---          | ---          | 95.9  |

年月日：2016/11/08 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 7.9   | S   | 7.5     | -1.6         | -0.62        | 74.3  |
| 100   | 7.1   | S   | 8.2     | -0.8         | 0.18         | 73.4  |
| 150   | 6.7   | S   | 9.5     | -1.0         | -0.02        | 75.4  |
| 200   | 6.2   | S   | 11.0    | -0.8         | 0.18         | 77.4  |
| 250   | 5.8   | S   | 12.4    | -0.4         | 0.58         | 78.1  |
| 300   | 5.6   | S   | 13.1    | -0.8         | 0.18         | 78.9  |
| 350   | 5.2   | S   | 13.4    | -1.0         | -0.02        | 80.0  |
| 400   | 4.7   | S   | 13.4    | -1.0         | -0.02        | 82.0  |
| 450   | 4.2   | S   | 14.0    | -0.8         | 0.18         | 82.3  |
| 500   | 3.8   | S   | 14.8    | -0.5         | 0.48         | 83.4  |
| 600   | 3.3   | S   | 15.1    | -0.8         | 0.18         | 84.1  |
| 700   | 2.5   | S   | 15.8    | -0.6         | 0.38         | 84.8  |
| 800   | 1.9   | S   | 16.9    | -0.6         | 0.38         | 88.5  |
| 900   | 1.3   | S   | 17.4    | 0.0          | 0.98         | 87.4  |
| 1000  | 1.3   | S   | 19.1    | 0.4          | 1.38         | 86.6  |
| 1100  | 1.7   | S   | 19.8    | -0.1         | 0.88         | 82.9  |
| 1200  | 1.6   | SSW | 20.7    | -0.5         | 0.48         | 81.5  |
| 1300  | 1.1   | SSW | 22.4    | -0.3         | 0.68         | 81.4  |
| 1400  | 0.8   | SSW | 22.9    | -0.5         | 0.48         | 81.6  |
| 1500  | 0.3   | SSW | 22.7    | ---          | ---          | 80.9  |

年月日：2016/11/08 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 8.0   | SSE | 8.0     | -0.4         | 0.58         | 89.6  |
| 100   | 7.8   | S   | 10.6    | -0.8         | 0.18         | 87.7  |
| 150   | 7.4   | S   | 12.1    | -0.4         | 0.58         | 87.6  |
| 200   | 7.2   | S   | 14.0    | -0.4         | 0.58         | 88.2  |
| 250   | 7.0   | S   | 15.3    | -0.6         | 0.38         | 87.9  |
| 300   | 6.7   | S   | 16.3    | -0.2         | 0.78         | 86.8  |
| 350   | 6.6   | S   | 17.0    | -0.8         | 0.18         | 85.0  |
| 400   | 6.2   | S   | 17.1    | -0.8         | 0.18         | 87.2  |
| 450   | 5.8   | S   | 17.3    | -0.8         | 0.18         | 88.9  |
| 500   | 5.4   | S   | 18.2    | -0.3         | 0.68         | 91.0  |
| 600   | 5.1   | S   | 19.9    | -0.6         | 0.38         | 87.1  |
| 700   | 4.5   | S   | 20.9    | -0.6         | 0.38         | 86.0  |
| 800   | 3.9   | S   | 19.7    | -0.3         | 0.68         | 84.0  |
| 900   | 3.6   | S   | 19.1    | -0.8         | 0.18         | 83.0  |
| 1000  | 2.8   | S   | 17.9    | -0.4         | 0.58         | 84.5  |
| 1100  | 2.4   | S   | 19.1    | -0.3         | 0.68         | 84.6  |
| 1200  | 2.1   | SSW | 20.4    | -0.9         | 0.08         | 85.3  |
| 1300  | 1.2   | SSW | 21.3    | -0.7         | 0.28         | 88.9  |
| 1400  | 0.5   | SSW | 21.8    | -0.4         | 0.58         | 93.0  |
| 1500  | 0.1   | SSW | 20.9    | ---          | ---          | 93.7  |

年月日：2016/11/08 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 7.0   | SSW | 4.3     | -0.6         | 0.38         | 76.7  |
| 100   | 6.7   | SW  | 4.1     | -0.6         | 0.38         | 74.0  |
| 150   | 6.4   | SW  | 4.1     | -1.0         | -0.02        | 74.1  |
| 200   | 5.9   | WSW | 4.2     | -0.8         | 0.18         | 74.3  |
| 250   | 5.5   | WSW | 5.0     | -0.6         | 0.38         | 74.5  |
| 300   | 5.2   | WSW | 5.5     | -0.8         | 0.18         | 74.6  |
| 350   | 4.8   | WSW | 6.3     | -1.0         | -0.02        | 75.3  |
| 400   | 4.3   | WSW | 6.5     | -0.8         | 0.18         | 77.0  |
| 450   | 3.9   | WSW | 7.3     | -1.0         | -0.02        | 77.9  |
| 500   | 3.4   | WSW | 7.3     | -1.0         | -0.02        | 80.2  |
| 600   | 2.4   | WSW | 8.4     | -0.9         | 0.08         | 83.8  |
| 700   | 1.5   | WSW | 9.6     | -1.1         | -0.12        | 89.5  |
| 800   | 0.4   | WSW | 12.2    | -0.2         | 0.78         | 95.2  |
| 900   | 0.2   | WSW | 12.2    | -0.5         | 0.48         | 95.9  |
| 1000  | -0.3  | SW  | 13.3    | -1.3         | -0.32        | 93.9  |
| 1100  | -1.6  | SW  | 16.1    | 4.6          | 5.58         | 97.3  |
| 1200  | 3.0   | SW  | 20.7    | 0.7          | 1.68         | 34.2  |
| 1300  | 3.7   | SW  | 17.2    | 0.1          | 1.08         | 15.8  |
| 1400  | 3.8   | SW  | 16.2    | -0.9         | 0.08         | 9.3   |
| 1500  | 2.9   | SW  | 15.9    | ---          | ---          | 8.5   |

年月日：2016/11/08 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 3.2   | W   | 7.6     | -0.8         | 0.18         | 67.7  |
| 100   | 2.8   | W   | 9.2     | -0.6         | 0.38         | 66.8  |
| 150   | 2.5   | W   | 10.3    | -0.8         | 0.18         | 65.6  |
| 200   | 2.1   | WNW | 10.6    | -0.8         | 0.18         | 65.8  |
| 250   | 1.7   | WNW | 11.2    | -0.8         | 0.18         | 66.1  |
| 300   | 1.3   | WNW | 12.0    | -0.8         | 0.18         | 68.1  |
| 350   | 0.9   | WNW | 12.3    | -0.8         | 0.18         | 67.6  |
| 400   | 0.5   | W   | 13.3    | -0.2         | 0.78         | 68.1  |
| 450   | 0.4   | W   | 13.3    | -1.8         | -0.82        | 65.2  |
| 500   | -0.5  | W   | 13.5    | -0.7         | 0.28         | 72.6  |
| 600   | -1.2  | W   | 15.5    | -0.9         | 0.08         | 72.8  |
| 700   | -2.1  | W   | 17.2    | -0.4         | 0.58         | 75.6  |
| 800   | -2.5  | W   | 18.6    | -1.0         | -0.02        | 70.1  |
| 900   | -3.5  | W   | 18.6    | -0.5         | 0.48         | 72.5  |
| 1000  | -4.0  | W   | 18.5    | -0.5         | 0.48         | 70.1  |
| 1100  | -4.5  | W   | 18.7    | 0.1          | 1.08         | 66.1  |
| 1200  | -4.4  | W   | 17.6    | -0.9         | 0.08         | 59.5  |
| 1300  | -5.3  | W   | 16.3    | -0.7         | 0.28         | 60.0  |
| 1400  | -6.0  | W   | 15.0    | -1.0         | -0.02        | 62.3  |
| 1500  | -7.0  | W   | 13.8    | ---          | ---          | 65.3  |

年月日：2016/11/09 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.6   | ESE | 1.5     | -0.6         | 0.38         | 72.6  |
| 100   | 1.3   | NNE | 1.1     | -0.8         | 0.18         | 71.7  |
| 150   | 0.9   | NNE | 1.2     | -0.8         | 0.18         | 72.7  |
| 200   | 0.5   | NNE | 1.6     | -1.0         | -0.02        | 73.3  |
| 250   | 0.0   | NNE | 1.3     | -0.8         | 0.18         | 73.4  |
| 300   | -0.4  | NE  | 1.4     | -0.8         | 0.18         | 74.1  |
| 350   | -0.8  | NE  | 1.0     | -1.0         | -0.02        | 75.1  |
| 400   | -1.3  | NE  | 1.2     | -0.6         | 0.38         | 78.6  |
| 450   | -1.6  | ENE | 1.2     | -1.2         | -0.22        | 77.4  |
| 500   | -2.2  | NE  | 0.9     | -0.8         | 0.18         | 81.6  |
| 600   | -3.0  | N   | 1.1     | -0.9         | 0.08         | 83.9  |
| 700   | -3.9  | N   | 1.3     | -0.9         | 0.08         | 89.1  |
| 800   | -4.8  | NNW | 1.1     | -0.5         | 0.48         | 93.8  |
| 900   | -5.3  | WNW | 2.8     | -0.7         | 0.28         | 96.1  |
| 1000  | -6.0  | WNW | 3.5     | -0.7         | 0.28         | 96.9  |
| 1100  | -6.7  | WNW | 3.4     | -0.7         | 0.28         | 96.8  |
| 1200  | -7.4  | WNW | 3.0     | -0.6         | 0.38         | 96.6  |
| 1300  | -8.0  | WNW | 3.7     | -0.6         | 0.38         | 95.5  |
| 1400  | -8.6  | WNW | 5.7     | -0.4         | 0.58         | 96.0  |
| 1500  | -9.0  | WNW | 8.0     | ---          | ---          | 94.5  |

年月日：2016/11/09 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.4   | SW  | 1.0     | -0.4         | 0.58         | 80.6  |
| 100   | 0.2   | SW  | 1.2     | -0.6         | 0.38         | 79.1  |
| 150   | -0.1  | WSW | 1.4     | -1.0         | -0.02        | 79.6  |
| 200   | -0.6  | W   | 1.8     | -0.4         | 0.58         | 80.2  |
| 250   | -0.8  | W   | 2.7     | -0.8         | 0.18         | 79.6  |
| 300   | -1.2  | W   | 3.6     | -1.2         | -0.22        | 80.2  |
| 350   | -1.8  | W   | 4.3     | -0.6         | 0.38         | 82.5  |
| 400   | -2.1  | W   | 5.2     | -0.6         | 0.38         | 83.2  |
| 450   | -2.4  | W   | 5.8     | -0.8         | 0.18         | 81.3  |
| 500   | -2.8  | W   | 6.3     | -0.6         | 0.38         | 81.7  |
| 600   | -3.4  | WSW | 6.9     | -0.7         | 0.28         | 81.2  |
| 700   | -4.1  | WSW | 8.3     | -0.9         | 0.08         | 81.2  |
| 800   | -5.0  | WSW | 9.3     | -0.8         | 0.18         | 84.1  |
| 900   | -5.8  | W   | 9.4     | -1.0         | -0.02        | 85.4  |
| 1000  | -6.8  | W   | 9.7     | -0.8         | 0.18         | 89.4  |
| 1100  | -7.6  | W   | 9.4     | -0.9         | 0.08         | 92.1  |
| 1200  | -8.5  | W   | 9.5     | -0.8         | 0.18         | 94.6  |
| 1300  | -9.3  | W   | 11.0    | -0.4         | 0.58         | 96.6  |
| 1400  | -9.7  | W   | 11.8    | -0.8         | 0.18         | 96.6  |
| 1500  | -10.5 | W   | 11.3    | ---          | ---          | 96.5  |

年月日：2016/11/09 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.8  | WSW | 6.4     | -0.6         | 0.38         | 86.6  |
| 100   | -2.1  | W   | 7.0     | -0.8         | 0.18         | 85.5  |
| 150   | -2.5  | W   | 7.3     | -0.6         | 0.38         | 85.8  |
| 200   | -2.8  | W   | 7.2     | -0.6         | 0.38         | 84.4  |
| 250   | -3.1  | W   | 6.9     | -0.8         | 0.18         | 83.5  |
| 300   | -3.5  | W   | 7.4     | -0.6         | 0.38         | 84.0  |
| 350   | -3.8  | W   | 7.8     | -1.0         | -0.02        | 82.2  |
| 400   | -4.3  | W   | 8.7     | -0.8         | 0.18         | 84.1  |
| 450   | -4.7  | W   | 10.0    | -0.6         | 0.38         | 84.7  |
| 500   | -5.0  | W   | 10.5    | -0.8         | 0.18         | 82.6  |
| 600   | -5.8  | WNW | 11.0    | -0.4         | 0.58         | 82.1  |
| 700   | -6.2  | WNW | 11.1    | -0.9         | 0.08         | 76.6  |
| 800   | -7.1  | WNW | 11.7    | -0.8         | 0.18         | 77.5  |
| 900   | -7.9  | WNW | 12.3    | -0.8         | 0.18         | 79.6  |
| 1000  | -8.7  | WNW | 13.4    | -0.8         | 0.18         | 79.3  |
| 1100  | -9.5  | WNW | 13.1    | -0.8         | 0.18         | 80.7  |
| 1200  | -10.3 | WNW | 13.4    | -0.8         | 0.18         | 81.8  |
| 1300  | -11.1 | WNW | 13.4    | -0.7         | 0.28         | 83.2  |
| 1400  | -11.8 | WNW | 13.6    | -0.8         | 0.18         | 83.4  |
| 1500  | -12.6 | W   | 14.1    | ---          | ---          | 83.5  |

年月日：2016/11/09 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.3  | W   | 5.3     | -1.0         | -0.02        | 69.7  |
| 100   | -2.8  | W   | 7.0     | -0.8         | 0.18         | 73.7  |
| 150   | -3.2  | W   | 7.2     | -1.0         | -0.02        | 75.8  |
| 200   | -3.7  | W   | 8.1     | -1.0         | -0.02        | 77.3  |
| 250   | -4.2  | W   | 8.3     | -0.6         | 0.38         | 78.4  |
| 300   | -4.5  | W   | 8.1     | -0.8         | 0.18         | 76.5  |
| 350   | -4.9  | W   | 8.7     | -0.6         | 0.38         | 76.3  |
| 400   | -5.2  | W   | 8.9     | -0.4         | 0.58         | 77.0  |
| 450   | -5.4  | W   | 9.7     | -0.8         | 0.18         | 73.8  |
| 500   | -5.8  | WNW | 10.9    | -0.6         | 0.38         | 73.8  |
| 600   | -6.4  | WNW | 12.3    | -1.1         | -0.12        | 70.0  |
| 700   | -7.5  | WNW | 12.3    | -0.8         | 0.18         | 74.6  |
| 800   | -8.3  | WNW | 13.7    | -0.9         | 0.08         | 75.9  |
| 900   | -9.2  | WNW | 14.3    | -0.8         | 0.18         | 76.1  |
| 1000  | -10.0 | WNW | 15.1    | -0.9         | 0.08         | 80.4  |
| 1100  | -10.9 | WNW | 16.4    | -0.7         | 0.28         | 82.1  |
| 1200  | -11.6 | W   | 16.9    | -0.8         | 0.18         | 81.7  |
| 1300  | -12.4 | W   | 16.4    | -0.9         | 0.08         | 87.7  |
| 1400  | -13.3 | W   | 16.2    | -0.7         | 0.28         | 89.3  |
| 1500  | -14.0 | W   | 16.1    | ---          | ---          | 89.8  |

年月日：2016/11/09 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -1.7  | WNW | 3.5     | -1.0         | -0.02        | 61.2  |
| 100   | -2.2  | NW  | 4.0     | -1.0         | -0.02        | 64.1  |
| 150   | -2.7  | WNW | 4.8     | -1.2         | -0.22        | 66.4  |
| 200   | -3.3  | NW  | 5.2     | -1.0         | -0.02        | 67.6  |
| 250   | -3.8  | WNW | 5.7     | -0.8         | 0.18         | 70.5  |
| 300   | -4.2  | WNW | 6.3     | -1.0         | -0.02        | 73.0  |
| 350   | -4.7  | WNW | 7.0     | -1.0         | -0.02        | 74.3  |
| 400   | -5.2  | WNW | 7.7     | -0.8         | 0.18         | 69.6  |
| 450   | -5.6  | WNW | 8.4     | -0.6         | 0.38         | 74.3  |
| 500   | -5.9  | W   | 8.7     | -1.0         | -0.02        | 69.0  |
| 600   | -6.9  | W   | 9.8     | -0.9         | 0.08         | 73.1  |
| 700   | -7.8  | W   | 12.0    | -0.9         | 0.08         | 73.5  |
| 800   | -8.7  | W   | 13.1    | -0.8         | 0.18         | 77.9  |
| 900   | -9.5  | W   | 14.1    | -1.1         | -0.12        | 78.8  |
| 1000  | -10.6 | W   | 16.4    | -0.6         | 0.38         | 91.3  |
| 1100  | -11.2 | W   | 17.5    | -0.9         | 0.08         | 82.7  |
| 1200  | -12.1 | W   | 18.4    | -0.6         | 0.38         | 86.0  |
| 1300  | -12.7 | W   | 18.6    | -0.6         | 0.38         | 81.9  |
| 1400  | -13.3 | W   | 19.3    | -0.8         | 0.18         | 77.0  |
| 1500  | -14.1 | W   | 19.7    | ---          | ---          | 79.7  |

年月日：2016/11/09 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.4  | W   | 4.9     | -1.0         | -0.02        | 63.4  |
| 100   | -2.9  | W   | 6.2     | -0.8         | 0.18         | 65.7  |
| 150   | -3.3  | W   | 6.9     | -0.6         | 0.38         | 66.5  |
| 200   | -3.6  | W   | 7.8     | -0.4         | 0.58         | 64.4  |
| 250   | -3.8  | WNW | 9.1     | -0.8         | 0.18         | 62.2  |
| 300   | -4.2  | WNW | 9.7     | -0.8         | 0.18         | 61.4  |
| 350   | -4.6  | WNW | 10.3    | -1.0         | -0.02        | 62.8  |
| 400   | -5.1  | WNW | 11.0    | -0.4         | 0.58         | 63.6  |
| 450   | -5.3  | WNW | 11.6    | -1.0         | -0.02        | 60.6  |
| 500   | -5.8  | W   | 12.0    | -0.9         | 0.08         | 60.6  |
| 600   | -6.7  | WNW | 13.3    | -0.8         | 0.18         | 63.1  |
| 700   | -7.5  | WNW | 14.8    | -0.8         | 0.18         | 62.4  |
| 800   | -8.3  | WNW | 15.6    | -0.9         | 0.08         | 62.4  |
| 900   | -9.2  | WNW | 14.9    | -0.9         | 0.08         | 63.7  |
| 1000  | -10.1 | WNW | 14.5    | -0.9         | 0.08         | 66.1  |
| 1100  | -11.0 | WNW | 16.3    | -0.8         | 0.18         | 69.5  |
| 1200  | -11.8 | WNW | 16.5    | -0.8         | 0.18         | 70.5  |
| 1300  | -12.6 | WNW | 15.6    | -1.2         | -0.22        | 72.3  |
| 1400  | -13.8 | WNW | 16.6    | -0.8         | 0.18         | 82.9  |
| 1500  | -14.6 | WNW | 17.9    | ---          | ---          | 77.3  |

年月日：2016/11/09 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -3.6  | NW  | 2.2     | 0.2          | 1.18         | 88.1  |
| 100   | -3.5  | WNW | 2.3     | -0.6         | 0.38         | 78.3  |
| 150   | -3.8  | WNW | 3.2     | -0.4         | 0.58         | 74.5  |
| 200   | -4.0  | WNW | 4.1     | -0.4         | 0.58         | 70.6  |
| 250   | -4.2  | NW  | 5.0     | -1.0         | -0.02        | 65.1  |
| 300   | -4.7  | NW  | 6.0     | -1.0         | -0.02        | 65.5  |
| 350   | -5.2  | NW  | 6.6     | -0.6         | 0.38         | 67.0  |
| 400   | -5.5  | NW  | 7.2     | -1.0         | -0.02        | 66.8  |
| 450   | -6.0  | NW  | 7.6     | -0.8         | 0.18         | 66.7  |
| 500   | -6.4  | NW  | 8.0     | -1.0         | -0.02        | 67.8  |
| 600   | -7.4  | NW  | 8.9     | -1.1         | -0.12        | 70.4  |
| 700   | -8.5  | NW  | 9.4     | -0.9         | 0.08         | 75.7  |
| 800   | -9.4  | NW  | 9.9     | -0.9         | 0.08         | 79.1  |
| 900   | -10.3 | NW  | 10.8    | -0.9         | 0.08         | 82.5  |
| 1000  | -11.2 | WNW | 12.5    | -0.7         | 0.28         | 84.5  |
| 1100  | -11.9 | WNW | 13.7    | -1.1         | -0.12        | 82.0  |
| 1200  | -13.0 | WNW | 14.2    | -0.9         | 0.08         | 89.5  |
| 1300  | -13.9 | WNW | 14.2    | -0.6         | 0.38         | 96.3  |
| 1400  | -14.5 | WNW | 14.7    | -0.6         | 0.38         | 96.3  |
| 1500  | -15.1 | WNW | 15.6    | ---          | ---          | 94.8  |

年月日：2016/11/09 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.7  | NW  | 4.3     | -0.4         | 0.58         | 60.8  |
| 100   | -2.9  | WNW | 5.1     | -1.2         | -0.22        | 57.5  |
| 150   | -3.5  | WNW | 5.3     | -0.8         | 0.18         | 59.7  |
| 200   | -3.9  | W   | 5.3     | -0.8         | 0.18         | 60.6  |
| 250   | -4.3  | W   | 5.4     | -0.8         | 0.18         | 61.4  |
| 300   | -4.7  | WNW | 5.1     | -1.0         | -0.02        | 62.0  |
| 350   | -5.2  | WNW | 5.2     | -0.6         | 0.38         | 62.9  |
| 400   | -5.5  | WNW | 5.6     | -1.0         | -0.02        | 62.2  |
| 450   | -6.0  | NW  | 6.3     | -0.8         | 0.18         | 63.5  |
| 500   | -6.4  | NW  | 7.0     | -1.0         | -0.02        | 63.5  |
| 600   | -7.4  | NW  | 7.6     | -0.8         | 0.18         | 66.6  |
| 700   | -8.2  | WNW | 8.8     | -0.8         | 0.18         | 68.0  |
| 800   | -9.0  | WNW | 10.4    | -0.8         | 0.18         | 70.4  |
| 900   | -9.8  | WNW | 12.4    | -1.0         | -0.02        | 69.6  |
| 1000  | -10.8 | WNW | 13.2    | -1.0         | -0.02        | 74.8  |
| 1100  | -11.8 | WNW | 14.1    | -0.9         | 0.08         | 80.2  |
| 1200  | -12.7 | WNW | 15.8    | -0.7         | 0.28         | 82.4  |
| 1300  | -13.4 | WNW | 17.2    | -0.9         | 0.08         | 77.7  |
| 1400  | -14.3 | WNW | 18.3    | -0.6         | 0.38         | 81.2  |
| 1500  | -14.9 | WNW | 19.2    | ---          | ---          | 74.8  |

### 3-2 冬季調查結果

年月日：2017/01/23 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.0  | WSW | 2.4     | 0.0          | 0.98         | 83.7  |
| 100   | -5.0  | NW  | 2.8     | -0.6         | 0.38         | 87.3  |
| 150   | -5.3  | NNW | 3.8     | -1.0         | -0.02        | 88.1  |
| 200   | -5.8  | NNW | 4.8     | -0.6         | 0.38         | 90.3  |
| 250   | -6.1  | NNW | 5.1     | -0.6         | 0.38         | 92.2  |
| 300   | -6.4  | NNW | 5.2     | -0.6         | 0.38         | 93.8  |
| 350   | -6.7  | NNW | 5.6     | -1.0         | -0.02        | 95.3  |
| 400   | -7.2  | NNW | 6.1     | -0.8         | 0.18         | 96.8  |
| 450   | -7.6  | N   | 6.9     | -0.6         | 0.38         | 96.8  |
| 500   | -7.9  | N   | 7.3     | -0.3         | 0.68         | 96.7  |
| 600   | -8.2  | N   | 6.6     | -0.4         | 0.58         | 96.7  |
| 700   | -8.6  | N   | 5.7     | -0.5         | 0.48         | 96.7  |
| 800   | -9.1  | NNW | 5.9     | -0.6         | 0.38         | 96.6  |
| 900   | -9.7  | NNW | 7.8     | -0.5         | 0.48         | 96.6  |
| 1000  | -10.2 | NNW | 8.6     | -0.6         | 0.38         | 96.6  |
| 1100  | -10.8 | NNW | 7.8     | -0.5         | 0.48         | 96.5  |
| 1200  | -11.3 | NW  | 8.2     | -0.7         | 0.28         | 96.5  |
| 1300  | -12.0 | NW  | 8.9     | -0.6         | 0.38         | 96.4  |
| 1400  | -12.6 | NW  | 8.7     | -0.7         | 0.28         | 96.4  |
| 1500  | -13.3 | NW  | 8.7     | ---          | ---          | 96.3  |

年月日：2017/01/23 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.7  | NNE | 5.4     | -0.8         | 0.18         | 86.1  |
| 100   | -6.1  | NNE | 5.4     | -1.0         | -0.02        | 90.1  |
| 150   | -6.6  | NNE | 5.5     | -0.6         | 0.38         | 90.1  |
| 200   | -6.9  | NE  | 5.3     | -0.6         | 0.38         | 93.1  |
| 250   | -7.2  | NE  | 5.2     | -0.2         | 0.78         | 94.1  |
| 300   | -7.3  | NE  | 5.0     | -0.4         | 0.58         | 95.0  |
| 350   | -7.5  | NNE | 4.8     | 0.0          | 0.98         | 95.0  |
| 400   | -7.5  | NNE | 5.1     | -0.6         | 0.38         | 96.3  |
| 450   | -7.8  | N   | 4.5     | -0.2         | 0.78         | 94.7  |
| 500   | -7.9  | N   | 4.8     | -0.2         | 0.78         | 95.8  |
| 600   | -8.1  | NNW | 4.3     | -0.5         | 0.48         | 95.2  |
| 700   | -8.6  | NW  | 4.3     | -0.7         | 0.28         | 93.9  |
| 800   | -9.3  | WNW | 5.9     | -0.6         | 0.38         | 91.4  |
| 900   | -9.9  | WNW | 6.9     | -0.7         | 0.28         | 88.5  |
| 1000  | -10.6 | NW  | 8.4     | -0.7         | 0.28         | 89.1  |
| 1100  | -11.3 | NW  | 9.2     | -0.6         | 0.38         | 89.6  |
| 1200  | -11.9 | NW  | 10.2    | -0.6         | 0.38         | 88.0  |
| 1300  | -12.5 | NW  | 10.7    | -0.8         | 0.18         | 87.4  |
| 1400  | -13.3 | NW  | 11.6    | -0.5         | 0.48         | 86.4  |
| 1500  | -13.8 | NW  | 11.6    | ---          | ---          | 87.7  |

年月日：2017/01/23 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.6  | N   | 4.8     | -1.4         | -0.42        | 87.2  |
| 100   | -6.3  | N   | 6.6     | -0.8         | 0.18         | 88.0  |
| 150   | -6.7  | N   | 8.2     | -0.4         | 0.58         | 88.6  |
| 200   | -6.9  | N   | 9.4     | -0.4         | 0.58         | 86.9  |
| 250   | -7.1  | N   | 10.5    | -1.0         | -0.02        | 87.7  |
| 300   | -7.6  | N   | 10.6    | -0.4         | 0.58         | 88.3  |
| 350   | -7.8  | N   | 10.6    | -0.8         | 0.18         | 85.4  |
| 400   | -8.2  | N   | 10.4    | -0.6         | 0.38         | 85.1  |
| 450   | -8.5  | N   | 10.0    | -0.8         | 0.18         | 83.3  |
| 500   | -8.9  | N   | 10.1    | -0.7         | 0.28         | 83.9  |
| 600   | -9.6  | N   | 10.4    | -0.7         | 0.28         | 81.4  |
| 700   | -10.3 | N   | 10.4    | -0.8         | 0.18         | 82.0  |
| 800   | -11.1 | N   | 10.3    | -0.7         | 0.28         | 84.4  |
| 900   | -11.8 | N   | 10.3    | -0.7         | 0.28         | 84.4  |
| 1000  | -12.5 | N   | 10.4    | -0.8         | 0.18         | 83.9  |
| 1100  | -13.3 | NNW | 11.8    | -0.6         | 0.38         | 84.0  |
| 1200  | -13.9 | NNW | 11.7    | -0.7         | 0.28         | 86.0  |
| 1300  | -14.6 | NNW | 11.4    | -0.5         | 0.48         | 84.0  |
| 1400  | -15.1 | NNW | 11.9    | -0.6         | 0.38         | 82.7  |
| 1500  | -15.7 | NNW | 13.2    | ---          | ---          | 81.0  |

年月日：2017/01/23 9時

| 高度[m] | 温度[℃] | 風向 | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|----|---------|--------------|--------------|-------|
| 50    | -5.5  | N  | 7.8     | -0.8         | 0.18         | 57.5  |
| 100   | -5.9  | N  | 8.8     | -0.8         | 0.18         | 58.5  |
| 150   | -6.3  | N  | 9.8     | -1.0         | -0.02        | 59.5  |
| 200   | -6.8  | N  | 10.8    | -1.0         | -0.02        | 63.2  |
| 250   | -7.3  | N  | 11.5    | -1.0         | -0.02        | 64.7  |
| 300   | -7.8  | N  | 12.2    | -1.4         | -0.42        | 64.7  |
| 350   | -8.5  | N  | 12.4    | -0.8         | 0.18         | 63.2  |
| 400   | -8.9  | N  | 12.5    | -0.6         | 0.38         | 66.7  |
| 450   | -9.2  | N  | 12.2    | -0.8         | 0.18         | 69.6  |
| 500   | -9.6  | N  | 12.3    | -1.3         | -0.32        | 70.2  |
| 600   | -10.9 | N  | 13.4    | -0.9         | 0.08         | 74.5  |
| 700   | -11.8 | N  | 14.5    | -0.8         | 0.18         | 75.3  |
| 800   | -12.6 | N  | 14.4    | -0.9         | 0.08         | 79.3  |
| 900   | -13.5 | N  | 14.7    | -0.9         | 0.08         | 84.4  |
| 1000  | -14.4 | N  | 14.3    | -0.8         | 0.18         | 85.5  |
| 1100  | -15.2 | N  | 13.6    | -0.8         | 0.18         | 89.3  |
| 1200  | -16.0 | N  | 13.4    | -0.5         | 0.48         | 89.0  |
| 1300  | -16.5 | N  | 13.7    | -0.5         | 0.48         | 91.3  |
| 1400  | -17.0 | N  | 13.6    | -0.4         | 0.58         | 89.1  |
| 1500  | -17.4 | N  | 13.7    | ---          | ---          | 90.1  |

年月日：2017/01/23 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.9  | N   | 8.6     | -1.2         | -0.22        | 57.9  |
| 100   | -6.5  | N   | 8.6     | -1.0         | -0.02        | 53.4  |
| 150   | -7.0  | N   | 8.3     | -1.2         | -0.22        | 54.8  |
| 200   | -7.6  | N   | 8.2     | -1.0         | -0.02        | 56.3  |
| 250   | -8.1  | NNW | 8.8     | -1.2         | -0.22        | 57.8  |
| 300   | -8.7  | N   | 9.8     | -1.0         | -0.02        | 59.9  |
| 350   | -9.2  | N   | 10.4    | -0.8         | 0.18         | 61.6  |
| 400   | -9.6  | N   | 11.3    | -1.0         | -0.02        | 63.0  |
| 450   | -10.1 | N   | 11.7    | -1.0         | -0.02        | 65.7  |
| 500   | -10.6 | N   | 11.8    | -0.9         | 0.08         | 67.0  |
| 600   | -11.5 | N   | 11.9    | -1.1         | -0.12        | 74.0  |
| 700   | -12.6 | NNW | 12.0    | -0.8         | 0.18         | 79.9  |
| 800   | -13.4 | NNW | 13.1    | -0.7         | 0.28         | 86.5  |
| 900   | -14.1 | NNW | 12.8    | -0.8         | 0.18         | 85.5  |
| 1000  | -14.9 | NNW | 12.4    | -0.8         | 0.18         | 82.8  |
| 1100  | -15.7 | NNW | 12.7    | -0.7         | 0.28         | 85.6  |
| 1200  | -16.4 | NNW | 13.3    | -0.8         | 0.18         | 85.1  |
| 1300  | -17.2 | NNW | 12.8    | -0.8         | 0.18         | 92.9  |
| 1400  | -18.0 | N   | 13.1    | -0.7         | 0.28         | 89.8  |
| 1500  | -18.7 | N   | 14.9    | ---          | ---          | 88.5  |

年月日：2017/01/23 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -6.4  | NNW | 5.1     | -1.0         | -0.02        | 63.4  |
| 100   | -6.9  | NNW | 7.3     | -0.8         | 0.18         | 64.2  |
| 150   | -7.3  | NNW | 8.1     | -1.2         | -0.22        | 66.6  |
| 200   | -7.9  | NNW | 9.6     | -0.8         | 0.18         | 67.8  |
| 250   | -8.3  | NNW | 9.4     | -0.8         | 0.18         | 69.6  |
| 300   | -8.7  | NNW | 9.6     | -0.8         | 0.18         | 69.7  |
| 350   | -9.1  | NNW | 10.6    | -0.8         | 0.18         | 71.2  |
| 400   | -9.5  | NNW | 10.8    | -1.2         | -0.22        | 73.1  |
| 450   | -10.1 | NNW | 10.7    | -1.0         | -0.02        | 77.1  |
| 500   | -10.6 | NNW | 10.2    | -0.9         | 0.08         | 75.0  |
| 600   | -11.5 | NNW | 10.2    | -1.0         | -0.02        | 77.6  |
| 700   | -12.5 | NNW | 11.0    | -1.0         | -0.02        | 87.1  |
| 800   | -13.5 | NNW | 12.4    | -0.8         | 0.18         | 92.5  |
| 900   | -14.3 | NNW | 13.0    | -0.3         | 0.68         | 77.2  |
| 1000  | -14.6 | N   | 13.7    | -0.7         | 0.28         | 65.1  |
| 1100  | -15.3 | N   | 13.2    | -1.1         | -0.12        | 68.0  |
| 1200  | -16.4 | NNW | 12.9    | -0.8         | 0.18         | 69.7  |
| 1300  | -17.2 | NNW | 12.9    | -0.7         | 0.28         | 73.1  |
| 1400  | -17.9 | NNW | 13.4    | -0.6         | 0.38         | 75.8  |
| 1500  | -18.5 | N   | 13.6    | ---          | ---          | 77.3  |

年月日：2017/01/23 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -7.9  | NE  | 2.8     | -0.6         | 0.38         | 57.9  |
| 100   | -8.2  | NE  | 3.3     | -0.6         | 0.38         | 59.1  |
| 150   | -8.5  | NNE | 3.5     | -0.4         | 0.58         | 60.3  |
| 200   | -8.7  | NNE | 3.3     | -0.6         | 0.38         | 62.2  |
| 250   | -9.0  | NNE | 3.6     | -1.0         | -0.02        | 63.5  |
| 300   | -9.5  | N   | 3.6     | -1.0         | -0.02        | 66.5  |
| 350   | -10.0 | N   | 4.3     | -0.6         | 0.38         | 67.3  |
| 400   | -10.3 | NNW | 4.7     | -1.0         | -0.02        | 71.7  |
| 450   | -10.8 | NNW | 6.1     | -0.6         | 0.38         | 73.0  |
| 500   | -11.1 | NNW | 7.0     | -0.6         | 0.38         | 76.8  |
| 600   | -11.7 | NNW | 8.1     | -1.0         | -0.02        | 83.8  |
| 700   | -12.7 | NNW | 8.2     | -1.1         | -0.12        | 88.7  |
| 800   | -13.8 | NNW | 8.3     | -0.7         | 0.28         | 96.2  |
| 900   | -14.5 | NNW | 9.0     | -0.5         | 0.48         | 96.3  |
| 1000  | -15.0 | NNW | 10.5    | -0.8         | 0.18         | 95.5  |
| 1100  | -15.8 | NNW | 10.9    | -0.8         | 0.18         | 94.0  |
| 1200  | -16.6 | NNW | 11.0    | -0.7         | 0.28         | 92.8  |
| 1300  | -17.3 | NNW | 11.1    | -0.8         | 0.18         | 93.0  |
| 1400  | -18.1 | NNW | 11.6    | -0.7         | 0.28         | 89.2  |
| 1500  | -18.8 | NNW | 11.9    | ---          | ---          | 90.5  |

年月日：2017/01/23 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -9.8  | NW  | 0.5     | -1.0         | -0.02        | 83.2  |
| 100   | -10.3 | WNW | 0.8     | -0.6         | 0.38         | 87.4  |
| 150   | -10.6 | WNW | 1.2     | -1.0         | -0.02        | 91.3  |
| 200   | -11.1 | NW  | 1.2     | -0.8         | 0.18         | 91.5  |
| 250   | -11.5 | NNW | 1.0     | -0.6         | 0.38         | 95.2  |
| 300   | -11.8 | NNW | 0.7     | -0.6         | 0.38         | 92.7  |
| 350   | -12.1 | NE  | 0.7     | -1.0         | -0.02        | 88.5  |
| 400   | -12.6 | NNE | 1.0     | -0.8         | 0.18         | 92.2  |
| 450   | -13.0 | N   | 1.7     | 1.0          | 1.98         | 88.4  |
| 500   | -12.5 | NNW | 2.4     | 0.1          | 1.08         | 92.7  |
| 600   | -12.4 | NNW | 3.9     | -0.6         | 0.38         | 89.7  |
| 700   | -13.0 | NNW | 4.8     | -0.7         | 0.28         | 87.6  |
| 800   | -13.7 | NNW | 5.9     | -0.8         | 0.18         | 89.3  |
| 900   | -14.5 | NNW | 6.8     | -0.7         | 0.28         | 87.6  |
| 1000  | -15.2 | NNW | 7.5     | -0.9         | 0.08         | 86.0  |
| 1100  | -16.1 | NNW | 8.0     | -0.7         | 0.28         | 87.0  |
| 1200  | -16.8 | NNW | 8.4     | -0.8         | 0.18         | 87.1  |
| 1300  | -17.6 | NNW | 7.6     | -0.7         | 0.28         | 87.6  |
| 1400  | -18.3 | NNW | 7.3     | -0.8         | 0.18         | 86.5  |
| 1500  | -19.1 | NW  | 7.4     | ---          | ---          | 85.6  |

年月日：2017/01/24 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -11.5 | NE  | 0.9     | -0.8         | 0.18         | 59.3  |
| 100   | -11.9 | NNE | 2.9     | -0.8         | 0.18         | 59.3  |
| 150   | -12.3 | NNE | 3.4     | -0.8         | 0.18         | 60.6  |
| 200   | -12.7 | NNE | 3.9     | -0.8         | 0.18         | 61.2  |
| 250   | -13.1 | NE  | 3.9     | 0.0          | 0.98         | 62.2  |
| 300   | -13.1 | NE  | 4.0     | 0.0          | 0.98         | 63.8  |
| 350   | -13.1 | NNE | 3.5     | -0.6         | 0.38         | 67.0  |
| 400   | -13.4 | NNE | 2.6     | -0.8         | 0.18         | 68.8  |
| 450   | -13.8 | N   | 2.6     | 0.6          | 1.58         | 70.8  |
| 500   | -13.5 | N   | 3.2     | 0.2          | 1.18         | 75.9  |
| 600   | -13.3 | N   | 4.2     | -0.7         | 0.28         | 76.0  |
| 700   | -14.0 | N   | 5.2     | -0.8         | 0.18         | 76.7  |
| 800   | -14.8 | NNW | 6.5     | -0.7         | 0.28         | 79.3  |
| 900   | -15.5 | NNW | 7.7     | -0.6         | 0.38         | 80.8  |
| 1000  | -16.1 | NNW | 8.5     | -0.9         | 0.08         | 76.8  |
| 1100  | -17.0 | NNW | 8.8     | -0.6         | 0.38         | 79.6  |
| 1200  | -17.6 | NNW | 8.9     | -1.0         | -0.02        | 76.8  |
| 1300  | -18.6 | NNW | 8.7     | -0.6         | 0.38         | 79.2  |
| 1400  | -19.2 | NNW | 10.2    | -0.3         | 0.68         | 79.3  |
| 1500  | -19.5 | NNW | 9.9     | ---          | ---          | 72.6  |

年月日：2017/01/24 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -12.6 | NNE | 3.0     | -0.6         | 0.38         | 62.0  |
| 100   | -12.9 | NNE | 2.1     | -0.6         | 0.38         | 60.1  |
| 150   | -13.2 | N   | 2.2     | -0.2         | 0.78         | 58.4  |
| 200   | -13.3 | N   | 2.8     | -0.8         | 0.18         | 59.0  |
| 250   | -13.7 | N   | 3.3     | -0.8         | 0.18         | 55.3  |
| 300   | -14.1 | N   | 4.8     | -0.8         | 0.18         | 56.1  |
| 350   | -14.5 | NNE | 5.5     | 0.4          | 1.38         | 57.0  |
| 400   | -14.3 | NNE | 5.7     | -0.6         | 0.38         | 57.1  |
| 450   | -14.6 | N   | 6.2     | -0.8         | 0.18         | 58.0  |
| 500   | -15.0 | N   | 5.4     | -0.8         | 0.18         | 60.3  |
| 600   | -15.8 | N   | 5.1     | -0.4         | 0.58         | 70.5  |
| 700   | -16.2 | NNW | 6.3     | -0.3         | 0.68         | 83.9  |
| 800   | -16.5 | NNW | 8.5     | -0.7         | 0.28         | 88.8  |
| 900   | -17.2 | NNW | 9.9     | -0.5         | 0.48         | 81.1  |
| 1000  | -17.7 | NNW | 10.8    | -0.7         | 0.28         | 76.3  |
| 1100  | -18.4 | NNW | 11.2    | -0.7         | 0.28         | 75.8  |
| 1200  | -19.1 | NNW | 10.9    | -0.9         | 0.08         | 76.0  |
| 1300  | -20.0 | NNW | 11.2    | 0.1          | 1.08         | 70.1  |
| 1400  | -19.9 | NNW | 12.4    | -0.3         | 0.68         | 49.4  |
| 1500  | -20.2 | NNW | 13.3    | ---          | ---          | 43.1  |

年月日：2017/01/24 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -12.3 | W   | 4.5     | 0.8          | 1.78         | 77.5  |
| 100   | -11.9 | WSW | 2.9     | -0.6         | 0.38         | 56.7  |
| 150   | -12.2 | W   | 2.1     | -1.0         | -0.02        | 51.9  |
| 200   | -12.7 | WNW | 1.8     | -0.8         | 0.18         | 50.2  |
| 250   | -13.1 | NW  | 2.0     | -0.6         | 0.38         | 50.7  |
| 300   | -13.4 | NNW | 2.8     | 0.4          | 1.38         | 49.3  |
| 350   | -13.2 | NNW | 3.3     | -0.4         | 0.58         | 44.0  |
| 400   | -13.4 | NNW | 3.6     | -0.6         | 0.38         | 52.1  |
| 450   | -13.7 | NW  | 4.0     | -0.6         | 0.38         | 63.6  |
| 500   | -14.0 | NW  | 4.7     | -0.8         | 0.18         | 69.4  |
| 600   | -14.8 | NW  | 4.9     | -0.7         | 0.28         | 72.6  |
| 700   | -15.5 | NNW | 5.3     | -0.3         | 0.68         | 69.0  |
| 800   | -15.8 | N   | 7.0     | -0.5         | 0.48         | 41.0  |
| 900   | -16.3 | N   | 8.6     | -0.7         | 0.28         | 41.5  |
| 1000  | -17.0 | NNE | 8.8     | -0.6         | 0.38         | 45.8  |
| 1100  | -17.6 | N   | 10.1    | -0.8         | 0.18         | 43.8  |
| 1200  | -18.4 | N   | 12.2    | -0.9         | 0.08         | 45.0  |
| 1300  | -19.3 | N   | 12.8    | -0.6         | 0.38         | 47.4  |
| 1400  | -19.9 | N   | 13.1    | -0.9         | 0.08         | 49.1  |
| 1500  | -20.8 | N   | 13.5    | ---          | ---          | 49.9  |

年月日：2017/01/24 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -12.0 | WNW | 2.0     | 0.0          | 0.98         | 47.7  |
| 100   | -12.0 | NNW | 0.7     | 0.4          | 1.38         | 47.4  |
| 150   | -11.8 | E   | 1.6     | -0.2         | 0.78         | 42.0  |
| 200   | -11.9 | ENE | 1.8     | -0.6         | 0.38         | 39.2  |
| 250   | -12.2 | NE  | 1.2     | 1.0          | 1.98         | 44.0  |
| 300   | -11.7 | NNW | 1.9     | 0.2          | 1.18         | 45.3  |
| 350   | -11.6 | NW  | 3.4     | -0.6         | 0.38         | 41.5  |
| 400   | -11.9 | NW  | 4.2     | -1.0         | -0.02        | 39.8  |
| 450   | -12.4 | NW  | 4.8     | -0.8         | 0.18         | 39.9  |
| 500   | -12.8 | NW  | 4.9     | -1.0         | -0.02        | 40.8  |
| 600   | -13.8 | NNW | 5.0     | -0.8         | 0.18         | 43.8  |
| 700   | -14.6 | NNW | 5.6     | -0.5         | 0.48         | 47.1  |
| 800   | -15.1 | NNW | 6.9     | -0.6         | 0.38         | 48.9  |
| 900   | -15.7 | NW  | 7.8     | -0.8         | 0.18         | 53.7  |
| 1000  | -16.5 | NNW | 9.2     | -0.7         | 0.28         | 56.8  |
| 1100  | -17.2 | NNW | 11.2    | -0.9         | 0.08         | 57.1  |
| 1200  | -18.1 | NNW | 11.5    | -0.6         | 0.38         | 59.2  |
| 1300  | -18.7 | NNW | 12.8    | -0.6         | 0.38         | 62.5  |
| 1400  | -19.3 | NNW | 14.2    | -0.8         | 0.18         | 62.3  |
| 1500  | -20.1 | NNW | 14.4    | ---          | ---          | 56.5  |

年月日：2017/01/24 12時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | -9.6  | NNE  | 2.0     | -0.6         | 0.38         | 44.3  |
| 100   | -9.9  | NE   | 1.6     | -1.4         | -0.42        | 46.2  |
| 150   | -10.6 | NE   | 1.6     | -1.2         | -0.22        | 50.6  |
| 200   | -11.2 | ENE  | 1.4     | -1.0         | -0.02        | 53.8  |
| 250   | -11.7 | ESE  | 0.6     | -1.0         | -0.02        | 57.0  |
| 300   | -12.2 | SE   | 0.9     | -1.0         | -0.02        | 59.2  |
| 350   | -12.7 | E    | 0.7     | -0.6         | 0.38         | 60.4  |
| 400   | -13.0 | CALM | 0.3     | -0.8         | 0.18         | 62.4  |
| 450   | -13.4 | W    | 1.0     | 0.0          | 0.98         | 65.9  |
| 500   | -13.4 | W    | 2.8     | 0.4          | 1.38         | 71.0  |
| 600   | -13.0 | W    | 5.9     | -0.6         | 0.38         | 75.2  |
| 700   | -13.6 | W    | 6.7     | -0.7         | 0.28         | 74.8  |
| 800   | -14.3 | WNW  | 6.4     | -0.8         | 0.18         | 73.0  |
| 900   | -15.1 | WNW  | 8.7     | -0.6         | 0.38         | 73.5  |
| 1000  | -15.7 | NW   | 11.2    | -0.7         | 0.28         | 73.4  |
| 1100  | -16.4 | NW   | 12.5    | -0.9         | 0.08         | 71.7  |
| 1200  | -17.3 | NW   | 12.3    | -0.7         | 0.28         | 74.0  |
| 1300  | -18.0 | NW   | 12.0    | -0.9         | 0.08         | 76.3  |
| 1400  | -18.9 | NW   | 12.6    | -0.7         | 0.28         | 77.8  |
| 1500  | -19.6 | NW   | 14.1    | ---          | ---          | 78.8  |

年月日：2017/01/24 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -8.4  | NW  | 3.4     | -0.8         | 0.18         | 75.4  |
| 100   | -8.8  | NW  | 4.9     | -0.6         | 0.38         | 79.0  |
| 150   | -9.1  | NW  | 6.6     | -0.4         | 0.58         | 80.7  |
| 200   | -9.3  | NW  | 6.7     | 0.0          | 0.98         | 80.0  |
| 250   | -9.3  | NW  | 7.0     | -0.6         | 0.38         | 74.7  |
| 300   | -9.6  | NW  | 7.2     | -1.0         | -0.02        | 74.8  |
| 350   | -10.1 | NW  | 6.5     | -0.6         | 0.38         | 75.8  |
| 400   | -10.4 | NW  | 6.9     | -0.6         | 0.38         | 74.4  |
| 450   | -10.7 | WNW | 6.7     | -0.8         | 0.18         | 71.5  |
| 500   | -11.1 | WNW | 6.9     | -0.9         | 0.08         | 72.2  |
| 600   | -12.0 | WNW | 7.2     | -1.0         | -0.02        | 71.5  |
| 700   | -13.0 | WNW | 8.5     | -1.0         | -0.02        | 76.1  |
| 800   | -14.0 | NW  | 10.5    | -0.6         | 0.38         | 80.3  |
| 900   | -14.6 | NW  | 11.3    | -0.7         | 0.28         | 76.7  |
| 1000  | -15.3 | NW  | 11.8    | -1.0         | -0.02        | 75.1  |
| 1100  | -16.3 | NW  | 12.7    | -0.7         | 0.28         | 73.4  |
| 1200  | -17.0 | NW  | 13.3    | -1.0         | -0.02        | 63.3  |
| 1300  | -18.0 | NW  | 13.8    | -1.0         | -0.02        | 64.5  |
| 1400  | -19.0 | NW  | 14.4    | -0.9         | 0.08         | 69.5  |
| 1500  | -19.9 | WNW | 13.6    | ---          | ---          | 77.4  |

年月日：2017/01/24 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -9.0  | NNW | 1.5     | -0.8         | 0.18         | 79.0  |
| 100   | -9.4  | NNW | 1.8     | -0.2         | 0.78         | 81.2  |
| 150   | -9.5  | N   | 2.5     | -1.2         | -0.22        | 82.3  |
| 200   | -10.1 | N   | 3.6     | -0.6         | 0.38         | 83.1  |
| 250   | -10.4 | N   | 4.4     | -0.2         | 0.78         | 83.8  |
| 300   | -10.5 | N   | 5.7     | -0.4         | 0.58         | 85.8  |
| 350   | -10.7 | NNW | 6.7     | -0.6         | 0.38         | 86.7  |
| 400   | -11.0 | NNW | 7.4     | -0.4         | 0.58         | 87.5  |
| 450   | -11.2 | NNW | 7.7     | -0.6         | 0.38         | 86.1  |
| 500   | -11.5 | NNW | 7.8     | -0.7         | 0.28         | 85.3  |
| 600   | -12.2 | NNW | 8.8     | -0.6         | 0.38         | 81.8  |
| 700   | -12.8 | NW  | 11.0    | -0.8         | 0.18         | 78.8  |
| 800   | -13.6 | NNW | 11.4    | -0.8         | 0.18         | 80.3  |
| 900   | -14.4 | NW  | 11.4    | -0.7         | 0.28         | 81.5  |
| 1000  | -15.1 | NW  | 12.6    | -0.5         | 0.48         | 81.8  |
| 1100  | -15.6 | NNW | 13.6    | -0.9         | 0.08         | 81.3  |
| 1200  | -16.5 | NNW | 14.8    | -0.8         | 0.18         | 77.9  |
| 1300  | -17.3 | NNW | 14.8    | -0.9         | 0.08         | 79.8  |
| 1400  | -18.2 | NNW | 14.7    | -0.8         | 0.18         | 79.4  |
| 1500  | -19.0 | NW  | 15.4    | ---          | ---          | 77.8  |

年月日：2017/01/24 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -9.6  | ESE | 1.2     | -0.4         | 0.58         | 75.0  |
| 100   | -9.8  | WNW | 0.8     | 0.4          | 1.38         | 77.7  |
| 150   | -9.6  | WNW | 2.3     | -0.4         | 0.58         | 79.3  |
| 200   | -9.8  | WNW | 3.6     | -0.6         | 0.38         | 80.0  |
| 250   | -10.1 | WNW | 4.3     | 0.0          | 0.98         | 79.5  |
| 300   | -10.1 | WNW | 4.8     | -0.6         | 0.38         | 77.9  |
| 350   | -10.4 | NW  | 5.1     | -0.8         | 0.18         | 77.3  |
| 400   | -10.8 | NW  | 5.6     | -1.0         | -0.02        | 78.2  |
| 450   | -11.3 | NW  | 6.1     | -0.8         | 0.18         | 79.4  |
| 500   | -11.7 | NW  | 6.9     | -0.6         | 0.38         | 80.3  |
| 600   | -12.3 | NW  | 8.8     | -0.8         | 0.18         | 81.7  |
| 700   | -13.1 | NNW | 11.1    | -0.5         | 0.48         | 85.1  |
| 800   | -13.6 | NNW | 12.9    | -0.9         | 0.08         | 80.8  |
| 900   | -14.5 | NNW | 14.0    | -0.6         | 0.38         | 82.9  |
| 1000  | -15.1 | NNW | 14.1    | -1.0         | -0.02        | 73.5  |
| 1100  | -16.1 | NNW | 14.2    | -0.8         | 0.18         | 77.7  |
| 1200  | -16.9 | NNW | 14.2    | -0.6         | 0.38         | 80.5  |
| 1300  | -17.5 | NNW | 14.9    | -0.8         | 0.18         | 73.5  |
| 1400  | -18.3 | NNW | 15.9    | -0.9         | 0.08         | 71.2  |
| 1500  | -19.2 | NNW | 15.3    | ---          | ---          | 76.5  |

年月日：2017/01/25 0時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | -10.4 | ESE  | 3.4     | -0.4         | 0.58         | 79.0  |
| 100   | -10.6 | E    | 4.8     | -0.6         | 0.38         | 80.7  |
| 150   | -10.9 | E    | 3.1     | 0.2          | 1.18         | 82.3  |
| 200   | -10.8 | E    | 1.7     | -0.8         | 0.18         | 85.1  |
| 250   | -11.2 | CALM | 0.4     | -0.4         | 0.58         | 86.7  |
| 300   | -11.4 | N    | 0.8     | 0.6          | 1.58         | 89.8  |
| 350   | -11.1 | NNW  | 0.6     | -0.6         | 0.38         | 86.7  |
| 400   | -11.4 | NW   | 1.3     | -0.2         | 0.78         | 85.6  |
| 450   | -11.5 | NNW  | 2.4     | 0.0          | 0.98         | 83.1  |
| 500   | -11.5 | NW   | 4.3     | -0.5         | 0.48         | 79.6  |
| 600   | -12.0 | NW   | 6.3     | -0.9         | 0.08         | 76.6  |
| 700   | -12.9 | NW   | 7.4     | -0.8         | 0.18         | 79.5  |
| 800   | -13.7 | NW   | 8.5     | -0.8         | 0.18         | 81.4  |
| 900   | -14.5 | NW   | 9.2     | -0.7         | 0.28         | 84.2  |
| 1000  | -15.2 | NW   | 9.7     | -0.5         | 0.48         | 86.2  |
| 1100  | -15.7 | NNW  | 10.9    | -0.8         | 0.18         | 82.6  |
| 1200  | -16.5 | NNW  | 11.8    | -0.7         | 0.28         | 84.0  |
| 1300  | -17.2 | NNW  | 12.9    | -0.8         | 0.18         | 85.6  |
| 1400  | -18.0 | NNW  | 13.5    | -0.6         | 0.38         | 83.2  |
| 1500  | -18.6 | NNW  | 13.8    | ---          | ---          | 82.0  |

年月日：2017/01/25 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -10.2 | NE  | 1.2     | -0.8         | 0.18         | 79.4  |
| 100   | -10.6 | ENE | 1.1     | 0.0          | 0.98         | 82.0  |
| 150   | -10.6 | ENE | 1.5     | -0.4         | 0.58         | 82.8  |
| 200   | -10.8 | ENE | 1.7     | -0.6         | 0.38         | 82.3  |
| 250   | -11.1 | ENE | 1.3     | -0.6         | 0.38         | 81.5  |
| 300   | -11.4 | N   | 0.8     | 0.8          | 1.78         | 81.2  |
| 350   | -11.0 | NW  | 2.0     | 0.6          | 1.58         | 86.7  |
| 400   | -10.7 | WNW | 3.7     | -0.4         | 0.58         | 85.1  |
| 450   | -10.9 | WNW | 5.3     | -0.4         | 0.58         | 82.4  |
| 500   | -11.1 | WNW | 5.4     | -0.6         | 0.38         | 81.8  |
| 600   | -11.7 | NW  | 5.6     | -0.6         | 0.38         | 81.3  |
| 700   | -12.3 | NW  | 6.0     | -0.8         | 0.18         | 79.0  |
| 800   | -13.1 | NW  | 7.2     | -0.5         | 0.48         | 80.8  |
| 900   | -13.6 | NW  | 8.3     | -0.7         | 0.28         | 79.2  |
| 1000  | -14.3 | NW  | 8.4     | -0.9         | 0.08         | 79.8  |
| 1100  | -15.2 | NW  | 10.4    | -0.7         | 0.28         | 80.8  |
| 1200  | -15.9 | NNW | 11.4    | -0.7         | 0.28         | 80.3  |
| 1300  | -16.6 | NNW | 11.2    | -0.8         | 0.18         | 82.7  |
| 1400  | -17.4 | NNW | 11.6    | -0.8         | 0.18         | 84.8  |
| 1500  | -18.2 | NNW | 11.9    | ---          | ---          | 84.0  |

年月日：2017/01/25 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -9.8  | WNW | 0.7     | 0.4          | 1.38         | 79.5  |
| 100   | -9.6  | SSE | 0.7     | -0.6         | 0.38         | 77.8  |
| 150   | -9.9  | WSW | 1.0     | 1.2          | 2.18         | 77.8  |
| 200   | -9.3  | W   | 1.6     | 1.4          | 2.38         | 78.2  |
| 250   | -8.6  | WNW | 3.2     | -0.8         | 0.18         | 75.2  |
| 300   | -9.0  | WNW | 4.1     | -0.8         | 0.18         | 75.6  |
| 350   | -9.4  | WNW | 4.8     | -0.8         | 0.18         | 76.2  |
| 400   | -9.8  | NW  | 5.1     | -0.6         | 0.38         | 77.2  |
| 450   | -10.1 | NW  | 5.9     | -0.8         | 0.18         | 78.2  |
| 500   | -10.5 | WNW | 6.6     | -0.5         | 0.48         | 77.1  |
| 600   | -11.0 | WNW | 7.8     | -1.1         | -0.12        | 74.5  |
| 700   | -12.1 | NW  | 8.2     | -0.8         | 0.18         | 79.3  |
| 800   | -12.9 | NW  | 8.9     | -0.9         | 0.08         | 82.4  |
| 900   | -13.8 | NW  | 9.5     | -0.8         | 0.18         | 84.3  |
| 1000  | -14.6 | NW  | 11.0    | -0.5         | 0.48         | 82.5  |
| 1100  | -15.1 | NW  | 11.6    | -0.8         | 0.18         | 74.5  |
| 1200  | -15.9 | NW  | 11.5    | -1.0         | -0.02        | 77.3  |
| 1300  | -16.9 | NW  | 11.2    | -0.8         | 0.18         | 81.1  |
| 1400  | -17.7 | NW  | 10.4    | -0.9         | 0.08         | 82.7  |
| 1500  | -18.6 | NW  | 10.3    | ---          | ---          | 85.8  |

年月日：2017/01/25 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -8.9  | ENE | 1.6     | 0.6          | 1.58         | 68.6  |
| 100   | -8.6  | ENE | 1.2     | 0.2          | 1.18         | 70.3  |
| 150   | -8.5  | NE  | 0.7     | 0.8          | 1.78         | 67.2  |
| 200   | -8.1  | WNW | 1.7     | 0.0          | 0.98         | 62.8  |
| 250   | -8.1  | WNW | 2.8     | -0.2         | 0.78         | 59.4  |
| 300   | -8.2  | W   | 3.7     | -0.6         | 0.38         | 56.2  |
| 350   | -8.5  | WNW | 4.4     | -1.0         | -0.02        | 54.8  |
| 400   | -9.0  | WNW | 3.9     | -0.8         | 0.18         | 55.8  |
| 450   | -9.4  | WNW | 4.0     | -0.8         | 0.18         | 57.9  |
| 500   | -9.8  | WNW | 4.3     | -0.8         | 0.18         | 60.1  |
| 600   | -10.6 | WNW | 5.0     | -0.8         | 0.18         | 62.0  |
| 700   | -11.4 | NW  | 7.0     | -0.8         | 0.18         | 61.4  |
| 800   | -12.2 | NW  | 8.0     | -0.6         | 0.38         | 63.1  |
| 900   | -12.8 | NW  | 8.8     | -1.0         | -0.02        | 61.5  |
| 1000  | -13.8 | NW  | 10.4    | -0.6         | 0.38         | 65.2  |
| 1100  | -14.4 | NW  | 11.6    | -0.8         | 0.18         | 66.2  |
| 1200  | -15.2 | NW  | 10.9    | -0.7         | 0.28         | 68.0  |
| 1300  | -15.9 | NW  | 10.9    | -1.1         | -0.12        | 68.8  |
| 1400  | -17.0 | NNW | 10.8    | -0.9         | 0.08         | 74.4  |
| 1500  | -17.9 | NW  | 9.9     | ---          | ---          | 79.3  |

年月日：2017/01/25 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.5  | NE  | 2.5     | -0.2         | 0.78         | 51.1  |
| 100   | -5.6  | ENE | 2.7     | -1.2         | -0.22        | 57.9  |
| 150   | -6.2  | ENE | 2.7     | -1.0         | -0.02        | 60.9  |
| 200   | -6.7  | ENE | 1.2     | -0.6         | 0.38         | 62.9  |
| 250   | -7.0  | E   | 0.5     | -0.2         | 0.78         | 61.5  |
| 300   | -7.1  | SSW | 0.5     | -1.0         | -0.02        | 57.5  |
| 350   | -7.6  | WSW | 0.8     | -1.2         | -0.22        | 58.3  |
| 400   | -8.2  | W   | 0.9     | -1.0         | -0.02        | 59.3  |
| 450   | -8.7  | W   | 1.4     | -1.0         | -0.02        | 62.1  |
| 500   | -9.2  | WNW | 2.4     | -1.0         | -0.02        | 61.1  |
| 600   | -10.2 | W   | 4.1     | -0.9         | 0.08         | 71.1  |
| 700   | -11.1 | W   | 5.9     | -0.7         | 0.28         | 65.5  |
| 800   | -11.8 | W   | 7.2     | -0.9         | 0.08         | 66.6  |
| 900   | -12.7 | W   | 7.4     | -0.8         | 0.18         | 66.7  |
| 1000  | -13.5 | W   | 6.4     | -1.1         | -0.12        | 73.3  |
| 1100  | -14.6 | W   | 6.1     | -0.9         | 0.08         | 78.0  |
| 1200  | -15.5 | WNW | 6.0     | -0.8         | 0.18         | 81.4  |
| 1300  | -16.3 | WNW | 5.6     | -0.9         | 0.08         | 82.3  |
| 1400  | -17.2 | WNW | 5.3     | -0.6         | 0.38         | 82.1  |
| 1500  | -17.8 | WNW | 5.8     | ---          | ---          | 83.6  |

年月日：2017/01/25 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -4.2  | WNW | 2.0     | -1.0         | -0.02        | 46.0  |
| 100   | -4.7  | W   | 4.4     | -0.6         | 0.38         | 46.1  |
| 150   | -5.0  | W   | 5.0     | -1.0         | -0.02        | 46.0  |
| 200   | -5.5  | W   | 5.4     | -1.0         | -0.02        | 46.5  |
| 250   | -6.0  | W   | 6.0     | -0.8         | 0.18         | 47.9  |
| 300   | -6.4  | W   | 6.1     | -1.0         | -0.02        | 48.8  |
| 350   | -6.9  | W   | 6.2     | -1.0         | -0.02        | 49.4  |
| 400   | -7.4  | W   | 6.3     | -0.8         | 0.18         | 51.0  |
| 450   | -7.8  | W   | 6.6     | -1.0         | -0.02        | 52.5  |
| 500   | -8.3  | W   | 7.1     | -0.9         | 0.08         | 54.2  |
| 600   | -9.2  | W   | 7.0     | -1.0         | -0.02        | 57.1  |
| 700   | -10.2 | W   | 5.8     | -0.9         | 0.08         | 60.4  |
| 800   | -11.1 | W   | 3.9     | -0.7         | 0.28         | 64.0  |
| 900   | -11.8 | W   | 2.6     | -0.9         | 0.08         | 65.9  |
| 1000  | -12.7 | WSW | 2.6     | -0.9         | 0.08         | 70.5  |
| 1100  | -13.6 | WSW | 3.1     | -1.1         | -0.12        | 71.8  |
| 1200  | -14.7 | W   | 4.1     | -1.1         | -0.12        | 76.1  |
| 1300  | -15.8 | W   | 4.8     | -0.8         | 0.18         | 84.8  |
| 1400  | -16.6 | W   | 5.5     | -0.7         | 0.28         | 86.2  |
| 1500  | -17.3 | W   | 6.1     | ---          | ---          | 87.1  |

年月日：2017/01/25 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.3  | WNW | 2.2     | -0.8         | 0.18         | 54.0  |
| 100   | -5.7  | WNW | 3.5     | -0.6         | 0.38         | 54.2  |
| 150   | -6.0  | WNW | 4.1     | -0.8         | 0.18         | 54.6  |
| 200   | -6.4  | W   | 4.4     | -0.6         | 0.38         | 55.8  |
| 250   | -6.7  | W   | 5.0     | -0.8         | 0.18         | 56.1  |
| 300   | -7.1  | W   | 5.5     | -0.8         | 0.18         | 57.1  |
| 350   | -7.5  | W   | 6.2     | -0.6         | 0.38         | 58.1  |
| 400   | -7.8  | W   | 6.1     | -1.2         | -0.22        | 59.5  |
| 450   | -8.4  | W   | 6.3     | -1.0         | -0.02        | 61.3  |
| 500   | -8.9  | WNW | 6.9     | -0.7         | 0.28         | 62.8  |
| 600   | -9.6  | WNW | 9.5     | -1.0         | -0.02        | 66.6  |
| 700   | -10.6 | WNW | 10.8    | -0.7         | 0.28         | 70.2  |
| 800   | -11.3 | WNW | 11.6    | -0.8         | 0.18         | 70.2  |
| 900   | -12.1 | WNW | 11.1    | -1.0         | -0.02        | 71.3  |
| 1000  | -13.1 | WNW | 9.2     | -0.9         | 0.08         | 74.6  |
| 1100  | -14.0 | WNW | 8.2     | -1.0         | -0.02        | 78.3  |
| 1200  | -15.0 | WNW | 7.5     | -0.8         | 0.18         | 84.3  |
| 1300  | -15.8 | NW  | 7.9     | -0.8         | 0.18         | 85.9  |
| 1400  | -16.6 | WNW | 7.6     | 0.0          | 0.98         | 85.0  |
| 1500  | -16.6 | WNW | 8.4     | ---          | ---          | 82.9  |

年月日：2017/01/25 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -6.0  | SSW | 4.5     | -0.2         | 0.78         | 64.0  |
| 100   | -6.1  | SSW | 2.9     | 0.2          | 1.18         | 63.8  |
| 150   | -6.0  | SSW | 1.4     | -1.0         | -0.02        | 66.3  |
| 200   | -6.5  | SW  | 0.9     | -0.6         | 0.38         | 64.4  |
| 250   | -6.8  | WNW | 0.8     | -0.8         | 0.18         | 64.8  |
| 300   | -7.2  | NNW | 0.9     | -0.8         | 0.18         | 67.1  |
| 350   | -7.6  | NW  | 1.0     | -1.2         | -0.22        | 67.0  |
| 400   | -8.2  | NNW | 1.1     | -1.0         | -0.02        | 69.4  |
| 450   | -8.7  | WNW | 0.6     | -0.8         | 0.18         | 72.5  |
| 500   | -9.1  | WSW | 0.7     | -0.8         | 0.18         | 76.0  |
| 600   | -9.9  | SW  | 2.0     | -0.6         | 0.38         | 80.2  |
| 700   | -10.5 | WSW | 3.0     | -0.7         | 0.28         | 81.9  |
| 800   | -11.2 | W   | 4.1     | -0.6         | 0.38         | 84.3  |
| 900   | -11.8 | W   | 7.4     | -0.3         | 0.68         | 85.6  |
| 1000  | -12.1 | W   | 10.3    | -0.8         | 0.18         | 81.8  |
| 1100  | -12.9 | W   | 11.2    | -0.5         | 0.48         | 84.5  |
| 1200  | -13.4 | W   | 12.6    | -0.8         | 0.18         | 84.7  |
| 1300  | -14.2 | W   | 14.1    | -0.7         | 0.28         | 85.1  |
| 1400  | -14.9 | W   | 14.9    | -0.7         | 0.28         | 83.4  |
| 1500  | -15.6 | WNW | 15.1    | ---          | ---          | 85.8  |

年月日：2017/01/26 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -6.7  | SW  | 3.1     | 0.2          | 1.18         | 82.9  |
| 100   | -6.6  | SW  | 3.0     | -0.6         | 0.38         | 79.3  |
| 150   | -6.9  | SSW | 2.2     | 1.0          | 1.98         | 78.6  |
| 200   | -6.4  | S   | 1.8     | -0.4         | 0.58         | 80.2  |
| 250   | -6.6  | S   | 1.0     | -0.6         | 0.38         | 79.1  |
| 300   | -6.9  | SW  | 0.6     | -0.6         | 0.38         | 78.6  |
| 350   | -7.2  | W   | 1.4     | -0.8         | 0.18         | 78.2  |
| 400   | -7.6  | WNW | 2.4     | -0.2         | 0.78         | 79.7  |
| 450   | -7.7  | WNW | 3.5     | -0.4         | 0.58         | 80.5  |
| 500   | -7.9  | WNW | 4.1     | -0.5         | 0.48         | 78.8  |
| 600   | -8.4  | WNW | 4.4     | -0.8         | 0.18         | 76.7  |
| 700   | -9.2  | NW  | 4.8     | -0.8         | 0.18         | 77.4  |
| 800   | -10.0 | NW  | 5.4     | -0.8         | 0.18         | 78.9  |
| 900   | -10.8 | WNW | 6.3     | -0.4         | 0.58         | 80.5  |
| 1000  | -11.2 | WNW | 7.6     | -0.9         | 0.08         | 77.2  |
| 1100  | -12.1 | WNW | 9.2     | -0.7         | 0.28         | 78.5  |
| 1200  | -12.8 | WNW | 11.5    | -0.7         | 0.28         | 79.0  |
| 1300  | -13.5 | WNW | 13.4    | -0.9         | 0.08         | 75.7  |
| 1400  | -14.4 | WNW | 14.9    | -0.9         | 0.08         | 76.1  |
| 1500  | -15.3 | W   | 16.1    | ---          | ---          | 78.4  |

年月日：2017/01/26 3時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | -5.3  | SW   | 1.6     | 0.2          | 1.18         | 76.7  |
| 100   | -5.2  | CALM | 0.4     | 0.4          | 1.38         | 74.0  |
| 150   | -5.0  | CALM | 0.3     | -0.4         | 0.58         | 69.4  |
| 200   | -5.2  | N    | 0.8     | -0.4         | 0.58         | 66.8  |
| 250   | -5.4  | NNW  | 0.8     | -0.8         | 0.18         | 65.0  |
| 300   | -5.8  | NNW  | 0.6     | -0.8         | 0.18         | 65.3  |
| 350   | -6.2  | CALM | 0.2     | -1.0         | -0.02        | 66.1  |
| 400   | -6.7  | WSW  | 0.6     | -1.4         | -0.42        | 67.6  |
| 450   | -7.4  | W    | 0.8     | -0.6         | 0.38         | 70.2  |
| 500   | -7.7  | WNW  | 1.2     | -0.9         | 0.08         | 70.8  |
| 600   | -8.6  | NW   | 2.3     | -0.5         | 0.48         | 73.9  |
| 700   | -9.1  | WNW  | 3.6     | -0.8         | 0.18         | 70.6  |
| 800   | -9.9  | WNW  | 4.7     | -0.8         | 0.18         | 70.9  |
| 900   | -10.7 | WNW  | 6.0     | -0.9         | 0.08         | 72.1  |
| 1000  | -11.6 | WNW  | 7.7     | -1.0         | -0.02        | 74.0  |
| 1100  | -12.6 | WNW  | 10.0    | -0.6         | 0.38         | 78.2  |
| 1200  | -13.2 | WNW  | 11.0    | -0.9         | 0.08         | 78.9  |
| 1300  | -14.1 | WNW  | 11.7    | -0.8         | 0.18         | 80.9  |
| 1400  | -14.9 | WNW  | 13.7    | -0.7         | 0.28         | 81.0  |
| 1500  | -15.6 | WNW  | 15.4    | ---          | ---          | 81.5  |

年月日：2017/01/26 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.0  | S   | 3.6     | 0.6          | 1.58         | 79.6  |
| 100   | -4.7  | S   | 2.7     | -0.6         | 0.38         | 72.0  |
| 150   | -5.0  | S   | 2.1     | -0.8         | 0.18         | 70.6  |
| 200   | -5.4  | S   | 1.9     | -0.8         | 0.18         | 71.3  |
| 250   | -5.8  | S   | 1.1     | -0.6         | 0.38         | 73.0  |
| 300   | -6.1  | S   | 0.7     | -0.4         | 0.58         | 72.9  |
| 350   | -6.3  | SW  | 1.0     | -0.6         | 0.38         | 73.0  |
| 400   | -6.6  | WNW | 1.6     | -1.0         | -0.02        | 71.5  |
| 450   | -7.1  | W   | 2.8     | -0.6         | 0.38         | 72.3  |
| 500   | -7.4  | W   | 4.4     | -1.0         | -0.02        | 71.1  |
| 600   | -8.4  | W   | 6.4     | -0.7         | 0.28         | 74.6  |
| 700   | -9.1  | WNW | 8.2     | -0.6         | 0.38         | 76.6  |
| 800   | -9.7  | W   | 10.4    | -0.9         | 0.08         | 69.9  |
| 900   | -10.6 | W   | 11.0    | -1.1         | -0.12        | 72.9  |
| 1000  | -11.7 | W   | 12.5    | -0.8         | 0.18         | 76.3  |
| 1100  | -12.5 | W   | 13.6    | -1.0         | -0.02        | 79.8  |
| 1200  | -13.5 | WNW | 13.8    | -0.9         | 0.08         | 82.8  |
| 1300  | -14.4 | WNW | 14.1    | -0.8         | 0.18         | 85.6  |
| 1400  | -15.2 | WNW | 13.3    | -0.5         | 0.48         | 87.1  |
| 1500  | -15.7 | WNW | 12.6    | ---          | ---          | 81.6  |

年月日：2017/01/26 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -4.0  | E   | 1.8     | -0.2         | 0.78         | 61.9  |
| 100   | -4.1  | E   | 1.3     | -0.8         | 0.18         | 59.1  |
| 150   | -4.5  | ENE | 1.3     | -0.6         | 0.38         | 59.1  |
| 200   | -4.8  | E   | 1.4     | -0.8         | 0.18         | 58.6  |
| 250   | -5.2  | ENE | 0.8     | -0.8         | 0.18         | 59.1  |
| 300   | -5.6  | N   | 1.1     | -0.6         | 0.38         | 62.1  |
| 350   | -5.9  | NNW | 1.4     | -1.0         | -0.02        | 60.8  |
| 400   | -6.4  | NW  | 2.0     | -1.2         | -0.22        | 62.2  |
| 450   | -7.0  | NW  | 2.5     | -0.8         | 0.18         | 66.5  |
| 500   | -7.4  | WNW | 2.4     | -1.0         | -0.02        | 68.0  |
| 600   | -8.4  | W   | 3.0     | -0.9         | 0.08         | 72.0  |
| 700   | -9.3  | W   | 4.8     | -0.9         | 0.08         | 73.5  |
| 800   | -10.2 | W   | 7.4     | -0.6         | 0.38         | 73.4  |
| 900   | -10.8 | W   | 8.6     | -0.9         | 0.08         | 72.5  |
| 1000  | -11.7 | W   | 9.0     | -0.8         | 0.18         | 75.5  |
| 1100  | -12.5 | W   | 9.5     | -0.9         | 0.08         | 76.4  |
| 1200  | -13.4 | W   | 9.7     | -0.9         | 0.08         | 77.7  |
| 1300  | -14.3 | W   | 10.4    | -0.8         | 0.18         | 81.1  |
| 1400  | -15.1 | WNW | 10.5    | 2.2          | 3.18         | 82.4  |
| 1500  | -12.9 | WNW | 10.2    | ---          | ---          | 33.8  |

年月日：2017/01/26 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.4  | NW  | 1.5     | -1.0         | -0.02        | 46.3  |
| 100   | -2.9  | NW  | 2.2     | -0.6         | 0.38         | 49.3  |
| 150   | -3.2  | WNW | 2.2     | -1.2         | -0.22        | 50.8  |
| 200   | -3.8  | WNW | 2.0     | -0.8         | 0.18         | 52.0  |
| 250   | -4.2  | WNW | 2.4     | -1.0         | -0.02        | 53.1  |
| 300   | -4.7  | WNW | 3.0     | -1.0         | -0.02        | 54.8  |
| 350   | -5.2  | WNW | 3.2     | -1.0         | -0.02        | 56.1  |
| 400   | -5.7  | WNW | 3.7     | -0.8         | 0.18         | 55.7  |
| 450   | -6.1  | WNW | 4.3     | -1.0         | -0.02        | 57.7  |
| 500   | -6.6  | WNW | 4.8     | -1.0         | -0.02        | 59.6  |
| 600   | -7.6  | NW  | 4.5     | -0.9         | 0.08         | 62.4  |
| 700   | -8.5  | NW  | 3.6     | -1.1         | -0.12        | 69.8  |
| 800   | -9.6  | NW  | 3.0     | -0.9         | 0.08         | 72.5  |
| 900   | -10.5 | NW  | 3.3     | -1.0         | -0.02        | 77.2  |
| 1000  | -11.5 | WNW | 4.6     | -0.7         | 0.28         | 82.4  |
| 1100  | -12.2 | W   | 5.3     | -0.8         | 0.18         | 79.3  |
| 1200  | -13.0 | W   | 5.9     | -0.8         | 0.18         | 82.7  |
| 1300  | -13.8 | W   | 6.9     | -0.7         | 0.28         | 82.9  |
| 1400  | -14.5 | W   | 7.9     | -0.6         | 0.38         | 73.6  |
| 1500  | -15.1 | WNW | 8.7     | ---          | ---          | 72.6  |

年月日：2017/01/26 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.4  | ENE | 0.6     | -1.0         | -0.02        | 57.9  |
| 100   | -2.9  | E   | 1.2     | -0.8         | 0.18         | 60.0  |
| 150   | -3.3  | E   | 1.7     | -0.8         | 0.18         | 61.7  |
| 200   | -3.7  | E   | 1.9     | -1.2         | -0.22        | 63.9  |
| 250   | -4.3  | E   | 1.9     | -0.8         | 0.18         | 66.0  |
| 300   | -4.7  | ENE | 1.8     | -1.0         | -0.02        | 68.1  |
| 350   | -5.2  | E   | 1.7     | -0.6         | 0.38         | 69.3  |
| 400   | -5.5  | ENE | 1.3     | -1.0         | -0.02        | 66.5  |
| 450   | -6.0  | NNE | 1.1     | -0.8         | 0.18         | 66.6  |
| 500   | -6.4  | NNE | 1.0     | -1.0         | -0.02        | 68.8  |
| 600   | -7.4  | NW  | 1.9     | -0.9         | 0.08         | 72.3  |
| 700   | -8.3  | WNW | 2.6     | -0.9         | 0.08         | 75.3  |
| 800   | -9.2  | WNW | 3.7     | -0.8         | 0.18         | 70.2  |
| 900   | -10.0 | W   | 3.7     | -0.8         | 0.18         | 71.8  |
| 1000  | -10.8 | W   | 3.7     | -1.0         | -0.02        | 74.0  |
| 1100  | -11.8 | W   | 3.7     | -0.8         | 0.18         | 77.2  |
| 1200  | -12.6 | W   | 3.7     | -1.0         | -0.02        | 81.7  |
| 1300  | -13.6 | WSW | 3.6     | -0.5         | 0.48         | 85.6  |
| 1400  | -14.1 | W   | 4.7     | -0.2         | 0.78         | 86.2  |
| 1500  | -14.3 | WNW | 7.1     | ---          | ---          | 65.3  |

年月日：2017/01/26 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -3.7  | SSE | 4.8     | -0.4         | 0.58         | 79.1  |
| 100   | -3.9  | SSE | 5.2     | 0.2          | 1.18         | 77.3  |
| 150   | -3.8  | SSE | 4.9     | 0.0          | 0.98         | 75.0  |
| 200   | -3.8  | S   | 4.0     | -0.8         | 0.18         | 67.5  |
| 250   | -4.2  | S   | 3.2     | -0.8         | 0.18         | 65.8  |
| 300   | -4.6  | S   | 2.2     | -0.8         | 0.18         | 66.3  |
| 350   | -5.0  | SSW | 1.9     | -1.0         | -0.02        | 67.2  |
| 400   | -5.5  | SW  | 2.4     | -0.8         | 0.18         | 68.1  |
| 450   | -5.9  | SW  | 3.1     | -0.8         | 0.18         | 69.4  |
| 500   | -6.3  | SW  | 3.0     | -1.0         | -0.02        | 70.5  |
| 600   | -7.3  | SW  | 3.5     | -0.6         | 0.38         | 74.1  |
| 700   | -7.9  | WSW | 4.4     | -0.9         | 0.08         | 75.2  |
| 800   | -8.8  | WSW | 4.9     | -0.6         | 0.38         | 76.9  |
| 900   | -9.4  | W   | 6.4     | 0.1          | 1.08         | 76.3  |
| 1000  | -9.3  | W   | 9.4     | 0.4          | 1.38         | 65.8  |
| 1100  | -8.9  | W   | 11.0    | -0.8         | 0.18         | 53.7  |
| 1200  | -9.7  | WNW | 11.8    | -1.0         | -0.02        | 51.5  |
| 1300  | -10.7 | WNW | 11.8    | 0.4          | 1.38         | 53.0  |
| 1400  | -10.3 | WNW | 13.7    | 0.4          | 1.38         | 39.7  |
| 1500  | -9.9  | WNW | 15.8    | ---          | ---          | 25.8  |

年月日：2017/01/26 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -4.1  | SSE | 1.6     | 2.0          | 2.98         | 82.2  |
| 100   | -3.1  | SSE | 4.5     | -0.4         | 0.58         | 75.1  |
| 150   | -3.3  | SE  | 5.5     | -0.8         | 0.18         | 70.7  |
| 200   | -3.7  | SE  | 6.1     | -0.8         | 0.18         | 69.6  |
| 250   | -4.1  | SE  | 5.9     | -1.0         | -0.02        | 70.2  |
| 300   | -4.6  | SE  | 5.7     | -1.0         | -0.02        | 71.6  |
| 350   | -5.1  | SE  | 5.2     | -1.0         | -0.02        | 73.2  |
| 400   | -5.6  | SE  | 5.1     | -0.6         | 0.38         | 74.9  |
| 450   | -5.9  | SE  | 4.4     | -1.0         | -0.02        | 76.8  |
| 500   | -6.4  | SSE | 4.2     | 0.0          | 0.98         | 78.9  |
| 600   | -6.4  | SSW | 5.1     | -0.6         | 0.38         | 75.4  |
| 700   | -7.0  | SSW | 5.8     | -0.8         | 0.18         | 75.8  |
| 800   | -7.8  | SW  | 6.0     | 0.3          | 1.28         | 77.7  |
| 900   | -7.5  | WSW | 8.6     | 0.6          | 1.58         | 63.7  |
| 1000  | -6.9  | WSW | 11.8    | -0.3         | 0.68         | 48.5  |
| 1100  | -7.2  | WSW | 14.5    | 0.7          | 1.68         | 41.6  |
| 1200  | -6.5  | WSW | 17.5    | 0.1          | 1.08         | 25.6  |
| 1300  | -6.4  | WSW | 18.9    | -0.4         | 0.58         | 21.2  |
| 1400  | -6.8  | WSW | 17.8    | -0.7         | 0.28         | 19.0  |
| 1500  | -7.5  | WSW | 17.9    | ---          | ---          | 16.8  |

年月日：2017/01/27 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.9  | SE  | 4.3     | 0.2          | 1.18         | 77.1  |
| 100   | -2.8  | SE  | 4.6     | -0.6         | 0.38         | 77.4  |
| 150   | -3.1  | SE  | 4.4     | -1.0         | -0.02        | 77.1  |
| 200   | -3.6  | SSE | 4.7     | -1.0         | -0.02        | 78.1  |
| 250   | -4.1  | SSE | 5.8     | 0.4          | 1.38         | 79.7  |
| 300   | -3.9  | S   | 7.4     | 0.2          | 1.18         | 81.9  |
| 350   | -3.8  | S   | 9.4     | 0.2          | 1.18         | 81.6  |
| 400   | -3.7  | S   | 11.6    | -0.2         | 0.78         | 80.0  |
| 450   | -3.8  | S   | 12.6    | -1.0         | -0.02        | 78.0  |
| 500   | -4.3  | S   | 12.3    | -0.3         | 0.68         | 78.9  |
| 600   | -4.6  | SSW | 11.2    | -0.4         | 0.58         | 79.2  |
| 700   | -5.0  | SSW | 10.6    | -0.4         | 0.58         | 80.5  |
| 800   | -5.4  | SW  | 11.0    | -0.4         | 0.58         | 84.3  |
| 900   | -5.8  | SW  | 12.4    | -0.3         | 0.68         | 86.9  |
| 1000  | -6.1  | SW  | 14.5    | -0.5         | 0.48         | 88.6  |
| 1100  | -6.6  | SW  | 16.5    | -0.3         | 0.68         | 88.3  |
| 1200  | -6.9  | WSW | 18.3    | -0.7         | 0.28         | 87.0  |
| 1300  | -7.6  | WSW | 17.9    | -0.3         | 0.68         | 88.6  |
| 1400  | -7.9  | WSW | 19.3    | -0.5         | 0.48         | 89.4  |
| 1500  | -8.4  | WSW | 21.5    | ---          | ---          | 91.8  |

年月日：2017/01/27 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.3  | SSE | 4.7     | -1.0         | -0.02        | 80.3  |
| 100   | -2.8  | SSE | 6.8     | -0.4         | 0.58         | 81.8  |
| 150   | -3.0  | SSE | 8.3     | -0.6         | 0.38         | 82.7  |
| 200   | -3.3  | SSE | 9.8     | -0.6         | 0.38         | 83.7  |
| 250   | -3.6  | SSE | 12.4    | -0.4         | 0.58         | 84.9  |
| 300   | -3.8  | SSE | 14.6    | 1.2          | 2.18         | 85.3  |
| 350   | -3.2  | SSE | 16.5    | 0.2          | 1.18         | 80.0  |
| 400   | -3.1  | SSE | 17.7    | -0.4         | 0.58         | 79.4  |
| 450   | -3.3  | SSE | 18.0    | -0.4         | 0.58         | 77.8  |
| 500   | -3.5  | SSE | 17.9    | -0.6         | 0.38         | 77.6  |
| 600   | -4.1  | S   | 17.2    | -0.5         | 0.48         | 79.1  |
| 700   | -4.6  | S   | 17.1    | -0.6         | 0.38         | 81.4  |
| 800   | -5.2  | S   | 16.7    | -0.6         | 0.38         | 83.4  |
| 900   | -5.8  | S   | 17.1    | 0.7          | 1.68         | 85.7  |
| 1000  | -5.1  | S   | 18.8    | -0.5         | 0.48         | 86.3  |
| 1100  | -5.6  | S   | 19.6    | 0.0          | 0.98         | 85.5  |
| 1200  | -5.6  | SSW | 20.7    | -0.5         | 0.48         | 83.0  |
| 1300  | -6.1  | SSW | 22.2    | -0.5         | 0.48         | 82.2  |
| 1400  | -6.6  | SSW | 23.3    | -0.4         | 0.58         | 80.5  |
| 1500  | -7.0  | SSW | 23.6    | ---          | ---          | 80.6  |

年月日：2017/01/27 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.9   | SE  | 6.2     | -0.2         | 0.78         | 83.2  |
| 100   | 0.8   | SSE | 8.3     | -0.6         | 0.38         | 83.3  |
| 150   | 0.5   | SSE | 9.2     | -0.4         | 0.58         | 83.8  |
| 200   | 0.3   | S   | 11.5    | -1.2         | -0.22        | 84.6  |
| 250   | -0.3  | S   | 15.0    | 0.8          | 1.78         | 85.6  |
| 300   | 0.1   | S   | 18.7    | -1.0         | -0.02        | 84.8  |
| 350   | -0.4  | S   | 20.6    | 0.2          | 1.18         | 85.3  |
| 400   | -0.3  | S   | 20.6    | -1.6         | -0.62        | 84.2  |
| 450   | -1.1  | S   | 21.1    | -1.2         | -0.22        | 86.5  |
| 500   | -1.7  | S   | 21.9    | -0.4         | 0.58         | 87.9  |
| 600   | -2.1  | S   | 23.4    | -0.4         | 0.58         | 90.5  |
| 700   | -2.5  | S   | 23.2    | -0.6         | 0.38         | 90.3  |
| 800   | -3.1  | S   | 22.7    | -0.3         | 0.68         | 90.7  |
| 900   | -3.4  | S   | 24.4    | -0.4         | 0.58         | 91.8  |
| 1000  | -3.8  | SSW | 24.5    | -0.6         | 0.38         | 90.0  |
| 1100  | -4.4  | SSW | 25.2    | -0.4         | 0.58         | 90.9  |
| 1200  | -4.8  | SSW | 25.7    | -0.7         | 0.28         | 91.3  |
| 1300  | -5.5  | SSW | 25.3    | -0.3         | 0.68         | 91.1  |
| 1400  | -5.8  | SSW | 25.1    | -0.5         | 0.48         | 90.9  |
| 1500  | -6.3  | SSW | 24.7    | ---          | ---          | 90.8  |

年月日：2017/01/27 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.5   | S   | 9.2     | -1.0         | -0.02        | 79.1  |
| 100   | 2.0   | S   | 13.1    | -0.4         | 0.58         | 80.2  |
| 150   | 1.8   | S   | 15.3    | -1.0         | -0.02        | 81.4  |
| 200   | 1.3   | S   | 18.2    | -0.8         | 0.18         | 82.5  |
| 250   | 0.9   | S   | 20.2    | -0.4         | 0.58         | 83.6  |
| 300   | 0.7   | S   | 22.9    | -0.2         | 0.78         | 82.4  |
| 350   | 0.6   | S   | 24.0    | -0.8         | 0.18         | 83.9  |
| 400   | 0.2   | S   | 24.4    | -0.8         | 0.18         | 83.4  |
| 450   | -0.2  | S   | 24.2    | -0.2         | 0.78         | 85.3  |
| 500   | -0.3  | S   | 24.1    | -0.9         | 0.08         | 84.2  |
| 600   | -1.2  | S   | 24.7    | -0.6         | 0.38         | 83.2  |
| 700   | -1.8  | S   | 25.9    | 0.3          | 1.28         | 84.4  |
| 800   | -1.5  | S   | 26.8    | -0.5         | 0.48         | 78.8  |
| 900   | -2.0  | SSW | 24.7    | -0.4         | 0.58         | 78.1  |
| 1000  | -2.4  | SSW | 25.6    | -0.2         | 0.78         | 77.9  |
| 1100  | -2.6  | SSW | 28.8    | -1.0         | -0.02        | 79.4  |
| 1200  | -3.6  | SSW | 28.3    | -0.9         | 0.08         | 82.5  |
| 1300  | -4.5  | SSW | 28.0    | -0.5         | 0.48         | 85.4  |
| 1400  | -5.0  | SSW | 29.4    | -0.3         | 0.68         | 88.4  |
| 1500  | -5.3  | SSW | 28.2    | ---          | ---          | 90.5  |

年月日：2017/01/27 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.6   | S   | 6.7     | -1.0         | -0.02        | 82.3  |
| 100   | 1.1   | S   | 8.7     | 0.4          | 1.38         | 84.1  |
| 150   | 1.3   | S   | 11.1    | -1.8         | -0.82        | 83.8  |
| 200   | 0.4   | S   | 13.0    | -0.8         | 0.18         | 85.7  |
| 250   | 0.0   | S   | 13.3    | -0.8         | 0.18         | 87.6  |
| 300   | -0.4  | S   | 13.8    | -0.8         | 0.18         | 88.8  |
| 350   | -0.8  | S   | 15.6    | 0.0          | 0.98         | 89.6  |
| 400   | -0.8  | S   | 17.2    | -0.6         | 0.38         | 88.5  |
| 450   | -1.1  | S   | 18.4    | -0.6         | 0.38         | 87.3  |
| 500   | -1.4  | S   | 18.8    | -0.2         | 0.78         | 87.7  |
| 600   | -1.6  | SSW | 18.7    | -0.1         | 0.88         | 86.9  |
| 700   | -1.7  | SSW | 16.7    | -0.7         | 0.28         | 84.4  |
| 800   | -2.4  | SSW | 17.2    | -0.8         | 0.18         | 86.4  |
| 900   | -3.2  | SSW | 16.5    | -0.6         | 0.38         | 87.6  |
| 1000  | -3.8  | SSW | 16.3    | -0.3         | 0.68         | 88.8  |
| 1100  | -4.1  | SW  | 17.4    | -0.5         | 0.48         | 87.9  |
| 1200  | -4.6  | SW  | 19.0    | -0.4         | 0.58         | 87.2  |
| 1300  | -5.0  | SW  | 20.5    | -0.4         | 0.58         | 85.3  |
| 1400  | -5.4  | SW  | 20.2    | -0.5         | 0.48         | 83.3  |
| 1500  | -5.9  | SW  | 18.3    | ---          | ---          | 82.3  |

年月日：2017/01/27 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.0   | WSW | 8.9     | -0.8         | 0.18         | 81.3  |
| 100   | 1.6   | WSW | 9.4     | -0.6         | 0.38         | 82.9  |
| 150   | 1.3   | WSW | 9.5     | -1.0         | -0.02        | 84.3  |
| 200   | 0.8   | WSW | 10.0    | -0.8         | 0.18         | 86.1  |
| 250   | 0.4   | WSW | 11.3    | -0.6         | 0.38         | 87.5  |
| 300   | 0.1   | WSW | 12.3    | -0.8         | 0.18         | 89.7  |
| 350   | -0.3  | WSW | 12.7    | -1.2         | -0.22        | 91.1  |
| 400   | -0.9  | WSW | 13.7    | 0.8          | 1.78         | 92.7  |
| 450   | -0.5  | WSW | 14.9    | -0.8         | 0.18         | 86.0  |
| 500   | -0.9  | WSW | 16.1    | -0.9         | 0.08         | 86.0  |
| 600   | -1.8  | W   | 15.0    | -0.9         | 0.08         | 86.3  |
| 700   | -2.7  | W   | 15.4    | -0.7         | 0.28         | 91.1  |
| 800   | -3.4  | W   | 16.8    | -0.7         | 0.28         | 90.8  |
| 900   | -4.1  | W   | 17.1    | -0.4         | 0.58         | 91.9  |
| 1000  | -4.5  | W   | 17.4    | -0.8         | 0.18         | 86.9  |
| 1100  | -5.3  | W   | 17.4    | -1.0         | -0.02        | 86.6  |
| 1200  | -6.3  | W   | 19.9    | -0.4         | 0.58         | 88.3  |
| 1300  | -6.7  | W   | 20.2    | -1.1         | -0.12        | 83.7  |
| 1400  | -7.8  | W   | 20.4    | -0.8         | 0.18         | 87.7  |
| 1500  | -8.6  | WSW | 21.4    | ---          | ---          | 90.5  |

年月日：2017/01/27 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -2.0  | WSW | 8.4     | -1.0         | -0.02        | 68.2  |
| 100   | -2.5  | WSW | 10.3    | -1.0         | -0.02        | 68.1  |
| 150   | -3.0  | WSW | 12.3    | -0.6         | 0.38         | 69.9  |
| 200   | -3.3  | WSW | 14.3    | -1.0         | -0.02        | 69.9  |
| 250   | -3.8  | WSW | 15.7    | -0.6         | 0.38         | 68.7  |
| 300   | -4.1  | WSW | 17.8    | -1.0         | -0.02        | 63.3  |
| 350   | -4.6  | WSW | 20.3    | -0.8         | 0.18         | 64.9  |
| 400   | -5.0  | WSW | 21.9    | -0.8         | 0.18         | 70.4  |
| 450   | -5.4  | WSW | 23.8    | -0.6         | 0.38         | 70.2  |
| 500   | -5.7  | WSW | 25.1    | -1.1         | -0.12        | 64.1  |
| 600   | -6.8  | WSW | 24.8    | -0.7         | 0.28         | 68.3  |
| 700   | -7.5  | WSW | 23.4    | -1.0         | -0.02        | 70.4  |
| 800   | -8.5  | WSW | 23.5    | -1.0         | -0.02        | 72.2  |
| 900   | -9.5  | WSW | 23.3    | -1.0         | -0.02        | 76.0  |
| 1000  | -10.5 | WSW | 23.5    | -0.7         | 0.28         | 80.8  |
| 1100  | -11.2 | WSW | 24.0    | -0.7         | 0.28         | 79.6  |
| 1200  | -11.9 | WSW | 23.8    | -1.3         | -0.32        | 78.6  |
| 1300  | -13.2 | WSW | 22.5    | -0.9         | 0.08         | 86.7  |
| 1400  | -14.1 | WSW | 21.6    | -0.4         | 0.58         | 95.1  |
| 1500  | -14.5 | WSW | 21.8    | ---          | ---          | 90.1  |

年月日：2017/01/27 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | -5.4  | W   | 6.6     | -0.8         | 0.18         | 61.4  |
| 100   | -5.8  | W   | 7.3     | -0.6         | 0.38         | 62.6  |
| 150   | -6.1  | W   | 7.7     | -1.0         | -0.02        | 61.3  |
| 200   | -6.6  | W   | 9.0     | -0.8         | 0.18         | 62.6  |
| 250   | -7.0  | W   | 10.9    | -1.0         | -0.02        | 65.4  |
| 300   | -7.5  | W   | 12.1    | -1.0         | -0.02        | 64.5  |
| 350   | -8.0  | W   | 12.7    | -1.2         | -0.22        | 67.6  |
| 400   | -8.6  | W   | 13.0    | -0.8         | 0.18         | 69.9  |
| 450   | -9.0  | W   | 13.4    | -0.6         | 0.38         | 68.5  |
| 500   | -9.3  | WSW | 14.0    | -0.9         | 0.08         | 70.6  |
| 600   | -10.2 | WSW | 14.7    | -1.0         | -0.02        | 71.4  |
| 700   | -11.2 | WSW | 15.9    | -1.0         | -0.02        | 77.5  |
| 800   | -12.2 | W   | 16.0    | -0.9         | 0.08         | 82.9  |
| 900   | -13.1 | W   | 16.1    | -0.8         | 0.18         | 86.4  |
| 1000  | -13.9 | W   | 17.5    | -0.7         | 0.28         | 91.1  |
| 1100  | -14.6 | W   | 18.6    | -0.9         | 0.08         | 88.5  |
| 1200  | -15.5 | W   | 20.3    | -0.9         | 0.08         | 85.5  |
| 1300  | -16.4 | WSW | 21.7    | -0.8         | 0.18         | 80.8  |
| 1400  | -17.2 | WSW | 22.3    | -0.8         | 0.18         | 83.8  |
| 1500  | -18.0 | WSW | 21.9    | ---          | ---          | 86.6  |

### 3-3 春季調查結果

年月日：2017/04/20 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 風位勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.0   | NW  | 9.6     | -1.2         | -0.22        | 81.2  |
| 100   | 0.4   | NW  | 11.9    | -0.6         | 0.38         | 83.2  |
| 150   | 0.1   | NW  | 13.3    | -0.6         | 0.38         | 84.1  |
| 200   | -0.2  | NW  | 15.0    | -0.8         | 0.18         | 82.7  |
| 250   | -0.6  | NW  | 16.3    | -0.2         | 0.78         | 83.4  |
| 300   | -0.7  | NW  | 16.7    | -0.8         | 0.18         | 81.9  |
| 350   | -1.1  | NW  | 17.4    | -1.2         | -0.22        | 83.2  |
| 400   | -1.7  | NW  | 17.6    | -1.0         | -0.02        | 85.1  |
| 450   | -2.2  | NW  | 18.3    | -0.8         | 0.18         | 88.4  |
| 500   | -2.6  | NW  | 19.8    | -0.5         | 0.48         | 90.1  |
| 600   | -3.1  | NNW | 22.3    | -1.1         | -0.12        | 89.7  |
| 700   | -4.2  | NNW | 22.8    | -0.9         | 0.08         | 94.5  |
| 800   | -5.1  | NNW | 22.9    | -0.6         | 0.38         | 97.0  |
| 900   | -5.7  | NNW | 22.8    | -0.5         | 0.48         | 96.9  |
| 1000  | -6.2  | NNW | 21.8    | -0.6         | 0.38         | 91.3  |
| 1100  | -6.8  | NNW | 21.2    | -0.7         | 0.28         | 93.9  |
| 1200  | -7.5  | NNW | 21.4    | -0.4         | 0.58         | 96.8  |
| 1300  | -7.9  | NNW | 21.2    | 0.3          | 1.28         | 96.7  |
| 1400  | -7.6  | NNW | 20.4    | 0.6          | 1.58         | 96.8  |
| 1500  | -7.0  | NNW | 19.5    | ---          | ---          | 96.8  |

年月日：2017/04/20 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 風位勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.2   | NNW | 6.3     | -1.0         | -0.02        | 80.5  |
| 100   | 0.7   | NNW | 9.4     | -1.0         | -0.02        | 81.9  |
| 150   | 0.2   | NNW | 10.7    | -0.4         | 0.58         | 83.4  |
| 200   | 0.0   | NNW | 10.9    | -1.2         | -0.22        | 85.4  |
| 250   | -0.6  | NNW | 11.7    | -0.8         | 0.18         | 87.7  |
| 300   | -1.0  | NNW | 12.5    | -1.0         | -0.02        | 88.4  |
| 350   | -1.5  | NNW | 12.9    | -1.0         | -0.02        | 90.9  |
| 400   | -2.0  | NNW | 12.6    | -1.0         | -0.02        | 93.6  |
| 450   | -2.5  | NNW | 13.2    | -0.6         | 0.38         | 97.1  |
| 500   | -2.8  | NNW | 12.8    | -0.5         | 0.48         | 97.2  |
| 600   | -3.3  | NNW | 14.2    | -0.6         | 0.38         | 97.2  |
| 700   | -3.9  | NNW | 14.1    | -0.7         | 0.28         | 97.1  |
| 800   | -4.6  | NNW | 14.2    | -0.7         | 0.28         | 97.0  |
| 900   | -5.3  | NNW | 15.7    | -0.7         | 0.28         | 97.0  |
| 1000  | -6.0  | NNW | 16.9    | -0.7         | 0.28         | 96.9  |
| 1100  | -6.7  | NNW | 15.7    | -0.5         | 0.48         | 96.6  |
| 1200  | -7.2  | NNW | 15.8    | -0.9         | 0.08         | 96.8  |
| 1300  | -8.1  | NNW | 17.6    | -0.4         | 0.58         | 96.7  |
| 1400  | -8.5  | NNW | 17.2    | -0.8         | 0.18         | 96.7  |
| 1500  | -9.3  | NNW | 17.6    | ---          | ---          | 96.2  |

年月日：2017/04/20 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 風位勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.5   | NNW | 7.1     | -0.4         | 0.58         | 89.4  |
| 100   | 0.3   | NNW | 8.8     | -1.0         | -0.02        | 90.6  |
| 150   | -0.2  | NNW | 10.7    | -0.8         | 0.18         | 91.5  |
| 200   | -0.6  | NNW | 11.3    | -0.6         | 0.38         | 92.0  |
| 250   | -0.9  | NNW | 12.4    | -0.8         | 0.18         | 93.2  |
| 300   | -1.3  | NNW | 12.8    | -0.4         | 0.58         | 93.8  |
| 350   | -1.5  | NW  | 13.1    | -0.8         | 0.18         | 93.2  |
| 400   | -1.9  | NW  | 13.8    | -1.0         | -0.02        | 93.6  |
| 450   | -2.4  | NNW | 14.2    | -1.0         | -0.02        | 96.0  |
| 500   | -2.9  | NNW | 14.3    | -0.7         | 0.28         | 97.2  |
| 600   | -3.6  | NNW | 15.0    | -0.4         | 0.58         | 97.1  |
| 700   | -4.0  | NNW | 15.8    | -0.7         | 0.28         | 97.1  |
| 800   | -4.7  | NNW | 16.2    | -0.6         | 0.38         | 97.0  |
| 900   | -5.3  | NW  | 17.2    | -0.6         | 0.38         | 97.0  |
| 1000  | -5.9  | NW  | 18.2    | -0.6         | 0.38         | 96.1  |
| 1100  | -6.5  | NW  | 18.3    | -0.7         | 0.28         | 95.5  |
| 1200  | -7.2  | NNW | 17.5    | -0.6         | 0.38         | 95.9  |
| 1300  | -7.8  | NNW | 17.2    | -0.9         | 0.08         | 93.8  |
| 1400  | -8.7  | NNW | 16.7    | -0.5         | 0.48         | 93.9  |
| 1500  | -9.2  | NW  | 17.5    | ---          | ---          | 94.4  |

年月日：2017/04/20 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.4   | NW  | 5.3     | -1.2         | -0.22        | 67.3  |
| 100   | 1.8   | NW  | 7.6     | -1.0         | -0.02        | 68.2  |
| 150   | 1.3   | NW  | 9.6     | -1.2         | -0.22        | 69.6  |
| 200   | 0.7   | NNW | 10.8    | -1.0         | -0.02        | 72.1  |
| 250   | 0.2   | NNW | 11.9    | -1.0         | -0.02        | 74.0  |
| 300   | -0.3  | NW  | 12.9    | -1.0         | -0.02        | 75.3  |
| 350   | -0.8  | NW  | 12.9    | -1.0         | -0.02        | 78.9  |
| 400   | -1.3  | NW  | 13.4    | -1.0         | -0.02        | 79.9  |
| 450   | -1.8  | NW  | 12.9    | -1.0         | -0.02        | 82.7  |
| 500   | -2.3  | NW  | 13.1    | -1.0         | -0.02        | 85.4  |
| 600   | -3.3  | NW  | 12.9    | -0.9         | 0.08         | 89.5  |
| 700   | -4.2  | NW  | 14.0    | -0.8         | 0.18         | 95.0  |
| 800   | -5.0  | NW  | 15.6    | -0.6         | 0.38         | 97.0  |
| 900   | -5.6  | NW  | 15.1    | -0.7         | 0.28         | 96.9  |
| 1000  | -6.3  | NW  | 14.1    | -0.2         | 0.78         | 96.9  |
| 1100  | -6.5  | NNW | 14.7    | -0.5         | 0.48         | 95.7  |
| 1200  | -7.0  | NNW | 14.9    | -0.5         | 0.48         | 91.7  |
| 1300  | -7.5  | NNW | 15.5    | -0.6         | 0.38         | 91.4  |
| 1400  | -8.1  | NNW | 16.3    | -1.0         | -0.02        | 85.9  |
| 1500  | -9.1  | NNW | 18.4    | ---          | ---          | 86.8  |

年月日：2017/04/20 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 3.0   | NW  | 8.6     | -0.8         | 0.18         | 60.6  |
| 100   | 2.6   | NW  | 6.6     | -1.2         | -0.22        | 61.9  |
| 150   | 2.0   | NNW | 7.2     | -1.6         | -0.62        | 62.5  |
| 200   | 1.2   | NNW | 8.4     | 0.0          | 0.98         | 63.4  |
| 250   | 1.2   | NNW | 8.7     | -1.2         | -0.22        | 67.4  |
| 300   | 0.6   | NNW | 9.8     | -1.8         | -0.82        | 68.5  |
| 350   | -0.3  | NNW | 11.0    | -1.0         | -0.02        | 69.2  |
| 400   | -0.8  | NNW | 10.9    | -0.8         | 0.18         | 72.6  |
| 450   | -1.2  | NW  | 11.2    | -1.0         | -0.02        | 76.4  |
| 500   | -1.7  | NW  | 11.0    | -1.0         | -0.02        | 77.4  |
| 600   | -2.7  | NNW | 11.2    | -0.9         | 0.08         | 81.6  |
| 700   | -3.6  | NNW | 11.3    | -0.9         | 0.08         | 86.3  |
| 800   | -4.5  | NNW | 12.5    | -0.8         | 0.18         | 90.7  |
| 900   | -5.3  | NNW | 13.8    | -0.7         | 0.28         | 88.4  |
| 1000  | -6.0  | NNW | 14.7    | -0.9         | 0.08         | 88.8  |
| 1100  | -6.9  | NNW | 14.4    | -0.7         | 0.28         | 94.1  |
| 1200  | -7.6  | NNW | 15.0    | -0.6         | 0.38         | 95.9  |
| 1300  | -8.2  | NNW | 15.1    | 1.0          | 1.98         | 92.9  |
| 1400  | -7.2  | NNW | 14.8    | 0.5          | 1.48         | 77.9  |
| 1500  | -6.7  | NNW | 14.1    | ---          | ---          | 72.1  |

年月日：2017/04/20 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 4.0   | NW  | 5.2     | -1.6         | -0.62        | 54.2  |
| 100   | 3.2   | NW  | 6.3     | -1.4         | -0.42        | 55.4  |
| 150   | 2.5   | NW  | 7.4     | -0.8         | 0.18         | 55.7  |
| 200   | 2.1   | NW  | 8.2     | -1.4         | -0.42        | 58.4  |
| 250   | 1.4   | NNW | 8.4     | -0.8         | 0.18         | 59.8  |
| 300   | 1.0   | NNW | 7.9     | -0.2         | 0.78         | 62.2  |
| 350   | 0.9   | NNW | 8.0     | -1.0         | -0.02        | 67.4  |
| 400   | 0.4   | NNW | 8.0     | -1.0         | -0.02        | 68.0  |
| 450   | -0.1  | NNW | 7.9     | -1.2         | -0.22        | 69.3  |
| 500   | -0.7  | NNW | 7.8     | -1.0         | -0.02        | 70.9  |
| 600   | -1.7  | NNW | 8.2     | -1.0         | -0.02        | 75.9  |
| 700   | -2.7  | NNW | 6.6     | -0.7         | 0.28         | 80.4  |
| 800   | -3.4  | NNW | 6.4     | -1.0         | -0.02        | 86.9  |
| 900   | -4.4  | NNW | 6.2     | -1.4         | -0.42        | 93.4  |
| 1000  | -5.8  | NNW | 8.4     | -0.9         | 0.08         | 90.2  |
| 1100  | -6.7  | NNW | 9.8     | -0.5         | 0.48         | 92.3  |
| 1200  | -7.2  | NNW | 10.4    | -0.5         | 0.48         | 85.5  |
| 1300  | -7.7  | NNW | 10.2    | 0.2          | 1.18         | 91.9  |
| 1400  | -7.5  | NNW | 10.5    | -0.8         | 0.18         | 76.9  |
| 1500  | -8.3  | NNW | 11.8    | ---          | ---          | 79.6  |

年月日：2017/04/20 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.6   | NNW | 4.5     | -0.8         | 0.18         | 63.9  |
| 100   | 2.2   | NNW | 5.6     | -0.8         | 0.18         | 64.3  |
| 150   | 1.8   | NNW | 5.7     | -1.0         | -0.02        | 65.6  |
| 200   | 1.3   | NNW | 6.4     | -1.0         | -0.02        | 67.6  |
| 250   | 0.8   | NNW | 5.9     | -0.8         | 0.18         | 69.6  |
| 300   | 0.4   | NNW | 6.1     | -1.0         | -0.02        | 71.6  |
| 350   | -0.1  | NNW | 6.7     | -1.0         | -0.02        | 75.9  |
| 400   | -0.6  | NNW | 5.6     | -0.8         | 0.18         | 77.0  |
| 450   | -1.0  | NW  | 5.1     | -0.8         | 0.18         | 78.3  |
| 500   | -1.4  | NW  | 4.8     | -1.0         | -0.02        | 79.5  |
| 600   | -2.4  | NW  | 5.3     | -0.9         | 0.08         | 84.5  |
| 700   | -3.3  | NW  | 5.7     | -0.9         | 0.08         | 89.6  |
| 800   | -4.2  | NW  | 5.9     | -0.9         | 0.08         | 89.6  |
| 900   | -5.1  | NW  | 6.3     | -0.9         | 0.08         | 93.7  |
| 1000  | -6.0  | NW  | 6.0     | -0.7         | 0.28         | 96.9  |
| 1100  | -6.7  | NW  | 6.4     | -0.6         | 0.38         | 96.8  |
| 1200  | -7.3  | NW  | 7.5     | -0.9         | 0.08         | 96.8  |
| 1300  | -8.2  | NW  | 9.9     | 0.6          | 1.58         | 86.4  |
| 1400  | -7.6  | NW  | 11.3    | 1.2          | 2.18         | 79.8  |
| 1500  | -6.4  | NW  | 12.8    | ---          | ---          | 81.1  |

年月日：2017/04/20 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.8   | N   | 5.1     | -2.6         | -1.62        | 77.5  |
| 100   | 1.5   | N   | 6.3     | -0.8         | 0.18         | 78.1  |
| 150   | 1.1   | N   | 6.0     | -0.8         | 0.18         | 81.1  |
| 200   | 0.7   | N   | 5.8     | -0.8         | 0.18         | 83.5  |
| 250   | 0.3   | NNW | 5.8     | -0.6         | 0.38         | 85.0  |
| 300   | 0.0   | NNW | 5.4     | -0.8         | 0.18         | 85.5  |
| 350   | -0.4  | NNW | 5.3     | -0.2         | 0.78         | 85.9  |
| 400   | -0.5  | NNW | 5.7     | -0.8         | 0.18         | 81.1  |
| 450   | -0.9  | NW  | 5.6     | -0.6         | 0.38         | 81.7  |
| 500   | -1.2  | NW  | 5.3     | -1.0         | -0.02        | 80.0  |
| 600   | -2.2  | NW  | 4.6     | -0.8         | 0.18         | 83.0  |
| 700   | -3.0  | NW  | 5.1     | -0.8         | 0.18         | 87.0  |
| 800   | -3.8  | NW  | 6.2     | -0.7         | 0.28         | 91.5  |
| 900   | -4.5  | NW  | 7.4     | -0.6         | 0.38         | 94.4  |
| 1000  | -5.1  | NW  | 7.8     | 0.1          | 1.08         | 95.6  |
| 1100  | -5.0  | WNW | 8.2     | -0.1         | 0.88         | 93.4  |
| 1200  | -5.1  | WNW | 9.6     | 1.2          | 2.18         | 88.6  |
| 1300  | -3.9  | NW  | 11.4    | -0.3         | 0.68         | 86.6  |
| 1400  | -4.2  | NW  | 12.2    | -1.1         | -0.12        | 79.2  |
| 1500  | -5.3  | NW  | 11.7    | ---          | ---          | 75.4  |

年月日：2017/04/21 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.8   | N   | 3.0     | -0.6         | 0.38         | 78.5  |
| 100   | 1.5   | N   | 3.6     | -1.0         | -0.02        | 79.1  |
| 150   | 1.0   | N   | 3.8     | -0.8         | 0.18         | 80.3  |
| 200   | 0.6   | N   | 4.5     | -0.6         | 0.38         | 80.6  |
| 250   | 0.3   | N   | 5.0     | -1.0         | -0.02        | 82.8  |
| 300   | -0.2  | N   | 4.9     | -1.0         | -0.02        | 84.8  |
| 350   | -0.7  | N   | 5.0     | -0.8         | 0.18         | 85.9  |
| 400   | -1.1  | N   | 4.9     | -0.8         | 0.18         | 87.5  |
| 450   | -1.5  | N   | 5.1     | -1.0         | -0.02        | 89.6  |
| 500   | -2.0  | N   | 4.8     | -0.7         | 0.28         | 91.5  |
| 600   | -2.7  | NNW | 5.7     | -0.8         | 0.18         | 96.6  |
| 700   | -3.5  | NW  | 6.0     | -0.4         | 0.58         | 97.1  |
| 800   | -3.9  | NW  | 5.4     | -0.5         | 0.48         | 97.1  |
| 900   | -4.4  | NW  | 5.5     | -0.5         | 0.48         | 97.1  |
| 1000  | -4.9  | NW  | 5.2     | -0.6         | 0.38         | 97.0  |
| 1100  | -5.5  | NW  | 6.1     | -0.6         | 0.38         | 97.0  |
| 1200  | -6.1  | NW  | 9.3     | 0.8          | 1.78         | 96.9  |
| 1300  | -5.3  | NW  | 10.7    | -0.7         | 0.28         | 92.4  |
| 1400  | -6.0  | NW  | 10.1    | -0.8         | 0.18         | 88.4  |
| 1500  | -6.8  | NW  | 9.9     | ---          | ---          | 84.5  |

年月日：2017/04/21 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.5   | NE  | 2.6     | -0.6         | 0.38         | 76.7  |
| 100   | 1.2   | NE  | 4.3     | -0.6         | 0.38         | 79.1  |
| 150   | 0.9   | NNE | 4.2     | -0.8         | 0.18         | 80.8  |
| 200   | 0.5   | NNE | 4.2     | -0.8         | 0.18         | 83.5  |
| 250   | 0.1   | NNE | 3.4     | -1.0         | -0.02        | 85.5  |
| 300   | -0.4  | N   | 3.0     | -0.8         | 0.18         | 87.5  |
| 350   | -0.8  | N   | 2.7     | -0.8         | 0.18         | 90.6  |
| 400   | -1.2  | N   | 2.7     | -1.0         | -0.02        | 91.8  |
| 450   | -1.7  | N   | 3.9     | -0.6         | 0.38         | 94.1  |
| 500   | -2.0  | NNW | 4.5     | -0.7         | 0.28         | 94.8  |
| 600   | -2.7  | NNW | 5.4     | -0.9         | 0.08         | 91.4  |
| 700   | -3.6  | NNW | 5.2     | -0.6         | 0.38         | 93.9  |
| 800   | -4.2  | NW  | 5.7     | 0.4          | 1.38         | 93.2  |
| 900   | -3.8  | NW  | 6.4     | -0.4         | 0.58         | 88.4  |
| 1000  | -4.2  | NW  | 7.3     | 1.4          | 2.38         | 95.8  |
| 1100  | -2.8  | NW  | 8.2     | 0.0          | 0.98         | 78.7  |
| 1200  | -2.8  | NW  | 8.1     | -0.7         | 0.28         | 64.0  |
| 1300  | -3.5  | NW  | 7.8     | -0.8         | 0.18         | 63.7  |
| 1400  | -4.3  | NW  | 7.5     | -0.7         | 0.28         | 65.1  |
| 1500  | -5.0  | WNW | 7.5     | ---          | ---          | 65.4  |

年月日：2017/04/21 6時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 0.5   | WSW  | 1.8     | 0.4          | 1.38         | 84.5  |
| 100   | 0.7   | SW   | 0.8     | -0.4         | 0.58         | 79.1  |
| 150   | 0.5   | CALM | 0.3     | -1.0         | -0.02        | 77.2  |
| 200   | 0.0   | ESE  | 0.7     | -1.0         | -0.02        | 76.9  |
| 250   | -0.5  | CALM | 0.4     | -0.2         | 0.78         | 79.2  |
| 300   | -0.6  | CALM | 0.4     | -0.8         | 0.18         | 85.0  |
| 350   | -1.0  | N    | 0.9     | -1.0         | -0.02        | 87.3  |
| 400   | -1.5  | N    | 1.3     | -0.8         | 0.18         | 90.7  |
| 450   | -1.9  | N    | 1.7     | -0.2         | 0.78         | 92.3  |
| 500   | -2.0  | N    | 2.2     | -0.8         | 0.18         | 91.2  |
| 600   | -2.8  | NW   | 2.3     | 0.6          | 1.58         | 91.4  |
| 700   | -2.2  | W    | 3.8     | 1.7          | 2.68         | 84.1  |
| 800   | -0.5  | W    | 4.7     | -0.6         | 0.38         | 69.0  |
| 900   | -1.1  | WNW  | 4.4     | -0.5         | 0.48         | 66.5  |
| 1000  | -1.6  | WNW  | 4.9     | -0.8         | 0.18         | 65.7  |
| 1100  | -2.4  | WNW  | 4.8     | -0.1         | 0.88         | 67.8  |
| 1200  | -2.5  | NW   | 5.5     | -0.1         | 0.88         | 59.0  |
| 1300  | -2.6  | NW   | 6.3     | -0.9         | 0.08         | 54.5  |
| 1400  | -3.5  | NNW  | 6.5     | -0.8         | 0.18         | 53.4  |
| 1500  | -4.3  | NNW  | 6.0     | ---          | ---          | 52.7  |

年月日：2017/04/21 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 露点勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 4.3   | NE  | 2.0     | -1.4         | -0.42        | 56.7  |
| 100   | 3.6   | NE  | 2.3     | -0.8         | 0.18         | 59.2  |
| 150   | 3.2   | ENE | 2.6     | -1.2         | -0.22        | 61.7  |
| 200   | 2.6   | ENE | 2.7     | -1.2         | -0.22        | 64.0  |
| 250   | 2.0   | E   | 2.7     | -1.0         | -0.02        | 66.4  |
| 300   | 1.5   | ENE | 2.2     | -0.8         | 0.18         | 69.0  |
| 350   | 1.1   | E   | 1.4     | -0.8         | 0.18         | 71.4  |
| 400   | 0.7   | ENE | 1.1     | -1.0         | -0.02        | 73.3  |
| 450   | 0.2   | NE  | 0.8     | -1.0         | -0.02        | 74.8  |
| 500   | -0.3  | NE  | 0.6     | -0.9         | 0.08         | 77.5  |
| 600   | -1.2  | WNW | 0.6     | -1.1         | -0.12        | 82.4  |
| 700   | -2.3  | W   | 1.4     | -0.7         | 0.28         | 86.9  |
| 800   | -3.0  | W   | 1.9     | 1.7          | 2.68         | 94.1  |
| 900   | -1.3  | W   | 1.6     | -0.3         | 0.68         | 73.9  |
| 1000  | -1.6  | WNW | 1.6     | -0.4         | 0.58         | 66.2  |
| 1100  | -2.0  | W   | 2.7     | -0.3         | 0.68         | 65.8  |
| 1200  | -2.3  | WNW | 1.9     | -0.2         | 0.78         | 57.0  |
| 1300  | -2.5  | N   | 1.4     | -0.6         | 0.38         | 51.1  |
| 1400  | -3.1  | N   | 1.3     | -0.6         | 0.38         | 47.1  |
| 1500  | -3.7  | NNE | 1.3     | ---          | ---          | 45.5  |

年月日：2017/04/21 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 8.2   | ESE | 2.2     | -0.8         | 0.18         | 40.2  |
| 100   | 7.8   | ESE | 3.1     | -0.8         | 0.18         | 43.8  |
| 150   | 7.4   | ESE | 2.9     | -1.4         | -0.42        | 45.9  |
| 200   | 6.7   | ESE | 2.9     | -0.8         | 0.18         | 47.4  |
| 250   | 6.3   | ESE | 3.2     | -0.4         | 0.58         | 48.2  |
| 300   | 6.1   | SE  | 3.0     | -1.0         | -0.02        | 49.9  |
| 350   | 5.6   | SSE | 3.0     | -1.0         | -0.02        | 49.9  |
| 400   | 5.1   | SSE | 2.8     | -1.0         | -0.02        | 51.9  |
| 450   | 4.6   | SSE | 2.9     | -0.6         | 0.38         | 52.5  |
| 500   | 4.3   | SSE | 2.5     | -1.2         | -0.22        | 55.6  |
| 600   | 3.1   | SSE | 1.2     | -0.9         | 0.08         | 54.5  |
| 700   | 2.2   | SSW | 0.7     | -0.7         | 0.28         | 57.6  |
| 800   | 1.5   | S   | 1.7     | -0.5         | 0.48         | 54.3  |
| 900   | 1.0   | S   | 2.3     | -0.9         | 0.08         | 46.0  |
| 1000  | 0.1   | SSW | 2.6     | -0.8         | 0.18         | 42.5  |
| 1100  | -0.7  | S   | 2.5     | -0.8         | 0.18         | 42.5  |
| 1200  | -1.5  | S   | 2.2     | -0.9         | 0.08         | 42.4  |
| 1300  | -2.4  | S   | 2.2     | -0.7         | 0.28         | 43.5  |
| 1400  | -3.1  | S   | 2.6     | -0.8         | 0.18         | 43.2  |
| 1500  | -3.9  | S   | 2.4     | ---          | ---          | 43.6  |

年月日：2017/04/21 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 10.1  | SSE | 5.2     | -1.2         | -0.22        | 38.4  |
| 100   | 9.5   | SSE | 6.4     | -0.8         | 0.18         | 39.4  |
| 150   | 9.1   | SSE | 6.6     | -1.6         | -0.62        | 40.8  |
| 200   | 8.3   | SSE | 6.2     | 0.0          | 0.98         | 41.4  |
| 250   | 8.3   | SSE | 6.4     | -1.2         | -0.22        | 43.6  |
| 300   | 7.7   | SSE | 5.8     | -1.4         | -0.42        | 43.8  |
| 350   | 7.0   | SSE | 6.4     | -0.6         | 0.38         | 44.3  |
| 400   | 6.7   | SSE | 6.3     | -0.6         | 0.38         | 46.4  |
| 450   | 6.4   | SSE | 6.6     | -1.0         | -0.02        | 48.7  |
| 500   | 5.9   | SSE | 6.7     | -1.3         | -0.32        | 49.9  |
| 600   | 4.6   | SSE | 6.2     | -1.0         | -0.02        | 53.1  |
| 700   | 3.6   | SSE | 4.7     | -1.0         | -0.02        | 56.7  |
| 800   | 2.6   | SSE | 4.4     | -1.0         | -0.02        | 60.6  |
| 900   | 1.6   | SSE | 5.6     | -1.0         | -0.02        | 64.2  |
| 1000  | 0.6   | S   | 4.6     | -0.9         | 0.08         | 68.8  |
| 1100  | -0.3  | S   | 3.0     | -0.9         | 0.08         | 69.1  |
| 1200  | -1.2  | SSE | 2.1     | -0.9         | 0.08         | 70.9  |
| 1300  | -2.1  | SSE | 1.6     | -0.9         | 0.08         | 74.5  |
| 1400  | -3.0  | SE  | 0.9     | -0.9         | 0.08         | 78.4  |
| 1500  | -3.9  | SE  | 1.0     | ---          | ---          | 81.9  |

年月日：2017/04/21 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 7.7   | SE  | 4.5     | -0.6         | 0.38         | 44.7  |
| 100   | 7.4   | SSE | 4.3     | -0.4         | 0.58         | 44.5  |
| 150   | 7.2   | SSE | 4.2     | -1.0         | -0.02        | 44.2  |
| 200   | 6.7   | S   | 4.5     | -0.2         | 0.78         | 45.0  |
| 250   | 6.6   | S   | 4.5     | 0.0          | 0.98         | 43.2  |
| 300   | 6.6   | S   | 4.9     | -1.0         | -0.02        | 41.8  |
| 350   | 6.1   | S   | 4.9     | -0.8         | 0.18         | 42.3  |
| 400   | 5.7   | S   | 5.1     | -1.0         | -0.02        | 43.8  |
| 450   | 5.2   | S   | 5.3     | -0.4         | 0.58         | 44.5  |
| 500   | 5.0   | S   | 5.3     | -0.9         | 0.08         | 42.1  |
| 600   | 4.1   | SSE | 5.5     | -0.7         | 0.28         | 39.1  |
| 700   | 3.4   | SSE | 5.2     | -0.8         | 0.18         | 40.3  |
| 800   | 2.6   | SSE | 5.1     | -0.6         | 0.38         | 40.6  |
| 900   | 2.0   | SSE | 5.1     | -0.7         | 0.28         | 43.2  |
| 1000  | 1.3   | SSE | 5.2     | -0.7         | 0.28         | 42.4  |
| 1100  | 0.6   | SSE | 4.8     | -0.9         | 0.08         | 39.7  |
| 1200  | -0.3  | SSE | 4.6     | -0.9         | 0.08         | 41.6  |
| 1300  | -1.2  | SSE | 4.5     | -1.0         | -0.02        | 45.0  |
| 1400  | -2.2  | SSE | 4.5     | -1.0         | -0.02        | 50.6  |
| 1500  | -3.2  | SSE | 4.3     | ---          | ---          | 54.8  |

年月日：2017/04/21 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 4.8   | S   | 5.3     | -0.8         | 0.18         | 65.8  |
| 100   | 4.4   | S   | 7.5     | -0.6         | 0.38         | 66.4  |
| 150   | 4.1   | S   | 8.2     | -0.8         | 0.18         | 67.6  |
| 200   | 3.7   | S   | 8.5     | 0.0          | 0.98         | 68.8  |
| 250   | 3.7   | S   | 8.8     | -1.0         | -0.02        | 69.2  |
| 300   | 3.2   | SSW | 9.3     | -0.6         | 0.38         | 70.2  |
| 350   | 2.9   | SSW | 9.8     | -0.8         | 0.18         | 71.8  |
| 400   | 2.5   | SSW | 10.1    | -1.0         | -0.02        | 73.0  |
| 450   | 2.0   | SSW | 10.5    | -0.4         | 0.58         | 74.8  |
| 500   | 1.8   | SSW | 10.0    | 0.2          | 1.18         | 76.5  |
| 600   | 2.0   | S   | 9.9     | -0.1         | 0.88         | 72.4  |
| 700   | 1.9   | S   | 10.8    | 0.1          | 1.08         | 68.2  |
| 800   | 2.0   | SSE | 9.9     | -0.4         | 0.58         | 64.1  |
| 900   | 1.6   | SSE | 8.6     | -0.9         | 0.08         | 56.5  |
| 1000  | 0.7   | SSE | 8.2     | -0.9         | 0.08         | 57.7  |
| 1100  | -0.2  | SSE | 7.5     | -1.0         | -0.02        | 60.1  |
| 1200  | -1.2  | SE  | 6.9     | -0.8         | 0.18         | 66.3  |
| 1300  | -2.0  | SE  | 7.6     | -0.9         | 0.08         | 68.7  |
| 1400  | -2.9  | SE  | 6.8     | -0.6         | 0.38         | 74.5  |
| 1500  | -3.5  | SSE | 5.0     | ---          | ---          | 81.0  |

年月日：2017/04/22 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 3.0   | SE  | 4.5     | -0.4         | 0.58         | 81.2  |
| 100   | 2.8   | SE  | 5.3     | -0.8         | 0.18         | 82.9  |
| 150   | 2.4   | SSE | 5.5     | 0.4          | 1.38         | 84.7  |
| 200   | 2.6   | SSE | 5.6     | 1.2          | 2.18         | 90.8  |
| 250   | 3.2   | S   | 5.6     | -0.4         | 0.58         | 90.6  |
| 300   | 3.0   | S   | 5.1     | -0.8         | 0.18         | 89.5  |
| 350   | 2.6   | S   | 4.3     | -0.6         | 0.38         | 90.0  |
| 400   | 2.3   | SSW | 4.1     | -0.8         | 0.18         | 90.6  |
| 450   | 1.9   | SSW | 4.7     | -1.0         | -0.02        | 91.4  |
| 500   | 1.4   | SSW | 5.4     | -1.0         | -0.02        | 92.9  |
| 600   | 0.4   | SSW | 6.3     | -0.1         | 0.88         | 96.6  |
| 700   | 0.3   | SSW | 7.3     | -0.7         | 0.28         | 97.2  |
| 800   | -0.4  | S   | 8.5     | -0.6         | 0.38         | 97.4  |
| 900   | -1.0  | S   | 9.0     | -0.4         | 0.58         | 97.4  |
| 1000  | -1.4  | S   | 9.6     | -0.3         | 0.68         | 97.3  |
| 1100  | -1.7  | S   | 10.3    | -0.5         | 0.48         | 97.3  |
| 1200  | -2.2  | S   | 10.8    | -0.5         | 0.48         | 97.3  |
| 1300  | -2.7  | S   | 11.0    | -0.5         | 0.48         | 97.2  |
| 1400  | -3.2  | SSE | 11.2    | -0.4         | 0.58         | 97.2  |
| 1500  | -3.6  | S   | 11.8    | ---          | ---          | 97.1  |

年月日：2017/04/22 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.4   | SSE | 5.8     | -0.4         | 0.58         | 93.5  |
| 100   | 1.2   | SSE | 7.0     | -0.8         | 0.18         | 93.8  |
| 150   | 0.8   | SSE | 7.5     | 0.4          | 1.38         | 96.0  |
| 200   | 1.0   | SSE | 8.6     | -0.8         | 0.18         | 96.6  |
| 250   | 0.6   | SSE | 10.5    | -0.4         | 0.58         | 97.2  |
| 300   | 0.4   | SSE | 12.0    | -0.4         | 0.58         | 97.5  |
| 350   | 0.2   | SSE | 13.4    | -0.2         | 0.78         | 97.5  |
| 400   | 0.1   | SSE | 13.5    | -0.2         | 0.78         | 97.5  |
| 450   | 0.0   | SSE | 12.6    | -0.6         | 0.38         | 97.5  |
| 500   | -0.3  | SSE | 11.8    | 0.1          | 1.08         | 97.5  |
| 600   | -0.2  | S   | 12.2    | -0.1         | 0.88         | 97.5  |
| 700   | -0.3  | SSE | 11.8    | -0.6         | 0.38         | 96.6  |
| 800   | -0.9  | SSE | 12.6    | -0.4         | 0.58         | 96.6  |
| 900   | -1.3  | S   | 12.7    | -0.3         | 0.68         | 96.3  |
| 1000  | -1.6  | S   | 13.6    | -0.3         | 0.68         | 97.3  |
| 1100  | -1.9  | S   | 12.5    | -0.3         | 0.68         | 97.3  |
| 1200  | -2.2  | S   | 11.4    | -0.4         | 0.58         | 97.3  |
| 1300  | -2.6  | S   | 12.4    | -0.5         | 0.48         | 97.2  |
| 1400  | -3.1  | S   | 12.5    | -0.4         | 0.58         | 97.2  |
| 1500  | -3.5  | S   | 12.4    | ---          | ---          | 97.1  |

年月日：2017/04/22 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.0   | SSE | 2.3     | -0.8         | 0.18         | 92.4  |
| 100   | 1.6   | SSE | 3.6     | -0.8         | 0.18         | 93.7  |
| 150   | 1.2   | S   | 4.7     | -0.2         | 0.78         | 94.5  |
| 200   | 1.1   | S   | 6.3     | -0.6         | 0.38         | 94.6  |
| 250   | 0.8   | S   | 7.6     | -1.0         | -0.02        | 95.2  |
| 300   | 0.3   | S   | 8.1     | -0.4         | 0.58         | 97.0  |
| 350   | 0.1   | SSE | 8.6     | -1.0         | -0.02        | 97.5  |
| 400   | -0.4  | SSE | 9.8     | -0.8         | 0.18         | 97.4  |
| 450   | -0.8  | SSE | 10.6    | 0.0          | 0.98         | 97.4  |
| 500   | -0.8  | SSE | 11.5    | -0.5         | 0.48         | 97.4  |
| 600   | -1.3  | SSE | 12.3    | -0.4         | 0.58         | 97.4  |
| 700   | -1.7  | SSE | 13.9    | 0.2          | 1.18         | 97.3  |
| 800   | -1.5  | SSE | 15.3    | -0.4         | 0.58         | 97.3  |
| 900   | -1.9  | SSE | 13.8    | -0.2         | 0.78         | 97.3  |
| 1000  | -2.1  | S   | 11.8    | -0.3         | 0.68         | 97.3  |
| 1100  | -2.4  | S   | 9.8     | -0.1         | 0.88         | 97.2  |
| 1200  | -2.5  | S   | 7.6     | -0.4         | 0.58         | 97.2  |
| 1300  | -2.9  | S   | 7.6     | -0.4         | 0.58         | 97.2  |
| 1400  | -3.3  | S   | 6.7     | -0.5         | 0.48         | 96.7  |
| 1500  | -3.8  | S   | 5.0     | ---          | ---          | 97.1  |

年月日：2017/04/22 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.8   | SSE | 3.1     | -0.6         | 0.38         | 86.3  |
| 100   | 2.5   | SSE | 4.3     | -0.2         | 0.78         | 88.2  |
| 150   | 2.4   | S   | 5.4     | -1.2         | -0.22        | 87.9  |
| 200   | 1.8   | S   | 6.3     | -0.8         | 0.18         | 88.9  |
| 250   | 1.4   | S   | 7.0     | -0.6         | 0.38         | 90.0  |
| 300   | 1.1   | S   | 8.0     | -0.6         | 0.38         | 90.3  |
| 350   | 0.8   | S   | 8.9     | -0.2         | 0.78         | 89.8  |
| 400   | 0.7   | S   | 9.9     | -0.4         | 0.58         | 91.5  |
| 450   | 0.5   | S   | 10.7    | -0.8         | 0.18         | 91.9  |
| 500   | 0.1   | S   | 11.8    | -0.7         | 0.28         | 92.4  |
| 600   | -0.6  | SSE | 13.6    | -0.6         | 0.38         | 95.6  |
| 700   | -1.2  | SSE | 14.9    | -0.2         | 0.78         | 97.4  |
| 800   | -1.4  | SSE | 15.5    | 0.0          | 0.98         | 97.3  |
| 900   | -1.4  | S   | 13.6    | -0.3         | 0.68         | 95.6  |
| 1000  | -1.7  | S   | 11.5    | -0.7         | 0.28         | 93.7  |
| 1100  | -2.4  | S   | 9.8     | -0.3         | 0.68         | 93.9  |
| 1200  | -2.7  | SSW | 8.3     | -0.6         | 0.38         | 94.1  |
| 1300  | -3.3  | SW  | 7.7     | -0.7         | 0.28         | 94.3  |
| 1400  | -4.0  | SW  | 6.8     | -0.1         | 0.88         | 95.4  |
| 1500  | -4.1  | SW  | 7.0     | ---          | ---          | 88.9  |

年月日：2017/04/22 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.5   | S   | 6.3     | -0.8         | 0.18         | 87.8  |
| 100   | 2.1   | S   | 7.3     | -0.8         | 0.18         | 89.9  |
| 150   | 1.7   | S   | 7.1     | -1.0         | -0.02        | 93.1  |
| 200   | 1.2   | S   | 7.2     | -0.8         | 0.18         | 94.8  |
| 250   | 0.8   | S   | 7.9     | -0.6         | 0.38         | 95.6  |
| 300   | 0.5   | S   | 8.7     | -1.0         | -0.02        | 97.5  |
| 350   | 0.0   | S   | 9.7     | -0.4         | 0.58         | 97.5  |
| 400   | -0.2  | SSE | 10.1    | -0.8         | 0.18         | 97.5  |
| 450   | -0.6  | SSE | 10.3    | -0.4         | 0.58         | 97.4  |
| 500   | -0.8  | SSE | 11.4    | -0.6         | 0.38         | 97.4  |
| 600   | -1.4  | SSE | 12.2    | 0.2          | 1.18         | 97.3  |
| 700   | -1.2  | SSE | 12.5    | -0.3         | 0.68         | 97.4  |
| 800   | -1.5  | S   | 12.1    | 0.2          | 1.18         | 97.3  |
| 900   | -1.3  | S   | 10.8    | -0.3         | 0.68         | 97.4  |
| 1000  | -1.6  | S   | 8.0     | 1.1          | 2.08         | 97.3  |
| 1100  | -0.5  | SW  | 5.6     | -1.9         | -0.92        | 96.1  |
| 1200  | -2.4  | SW  | 5.8     | -0.4         | 0.58         | 96.3  |
| 1300  | -2.8  | SW  | 7.1     | -0.8         | 0.18         | 94.4  |
| 1400  | -3.6  | SW  | 7.1     | -0.6         | 0.38         | 95.3  |
| 1500  | -4.2  | SW  | 6.5     | ---          | ---          | 93.1  |

年月日：2017/04/22 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 3.8   | SSE | 5.2     | -1.0         | -0.02        | 77.5  |
| 100   | 3.3   | SSE | 6.0     | -1.0         | -0.02        | 80.1  |
| 150   | 2.8   | SSE | 6.3     | -1.2         | -0.22        | 82.3  |
| 200   | 2.2   | SSE | 6.2     | -1.0         | -0.02        | 83.6  |
| 250   | 1.7   | SSE | 6.0     | -1.0         | -0.02        | 86.0  |
| 300   | 1.2   | SSE | 6.3     | -0.8         | 0.18         | 88.9  |
| 350   | 0.8   | SSE | 6.2     | -1.0         | -0.02        | 90.7  |
| 400   | 0.3   | SSE | 7.4     | -0.6         | 0.38         | 93.8  |
| 450   | 0.0   | SSE | 8.4     | -0.8         | 0.18         | 94.2  |
| 500   | -0.4  | S   | 9.6     | -0.1         | 0.88         | 91.5  |
| 600   | -0.5  | S   | 9.8     | 0.1          | 1.08         | 87.4  |
| 700   | -0.4  | SSW | 6.8     | -0.8         | 0.18         | 85.7  |
| 800   | -1.2  | SSW | 6.8     | -0.7         | 0.28         | 87.6  |
| 900   | -1.9  | SW  | 6.2     | -0.4         | 0.58         | 89.9  |
| 1000  | -2.3  | SW  | 4.3     | 0.4          | 1.38         | 97.1  |
| 1100  | -1.9  | WSW | 3.5     | -0.8         | 0.18         | 97.3  |
| 1200  | -2.7  | W   | 2.9     | -0.6         | 0.38         | 97.2  |
| 1300  | -3.3  | WNW | 3.4     | -0.5         | 0.48         | 97.0  |
| 1400  | -3.8  | NW  | 2.9     | -0.4         | 0.58         | 95.5  |
| 1500  | -4.2  | WNW | 2.6     | ---          | ---          | 91.6  |

年月日：2017/04/22 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.6   | SSE | 5.5     | -0.8         | 0.18         | 85.9  |
| 100   | 2.2   | SSE | 5.7     | -0.8         | 0.18         | 87.7  |
| 150   | 1.8   | SSE | 6.1     | -0.6         | 0.38         | 89.4  |
| 200   | 1.5   | SSE | 6.3     | -0.8         | 0.18         | 90.2  |
| 250   | 1.1   | S   | 6.6     | -0.8         | 0.18         | 90.7  |
| 300   | 0.7   | S   | 6.8     | -0.2         | 0.78         | 91.7  |
| 350   | 0.6   | S   | 6.8     | -0.6         | 0.38         | 90.9  |
| 400   | 0.3   | S   | 6.3     | -0.2         | 0.78         | 91.6  |
| 450   | 0.2   | S   | 5.0     | 0.0          | 0.98         | 91.4  |
| 500   | 0.2   | SSW | 3.8     | -0.6         | 0.38         | 93.9  |
| 600   | -0.4  | SW  | 1.4     | -0.2         | 0.78         | 97.4  |
| 700   | -0.6  | W   | 1.1     | -0.7         | 0.28         | 97.4  |
| 800   | -1.3  | NW  | 1.6     | -0.4         | 0.58         | 97.4  |
| 900   | -1.7  | NW  | 2.2     | -0.4         | 0.58         | 97.3  |
| 1000  | -2.1  | NNW | 3.0     | -0.6         | 0.38         | 97.3  |
| 1100  | -2.7  | NNW | 4.3     | -0.6         | 0.38         | 97.2  |
| 1200  | -3.3  | NNW | 5.0     | -0.7         | 0.28         | 97.2  |
| 1300  | -4.0  | NNW | 4.2     | -0.6         | 0.38         | 95.3  |
| 1400  | -4.6  | NNW | 3.8     | -0.6         | 0.38         | 96.6  |
| 1500  | -5.2  | NNW | 4.2     | ---          | ---          | 96.7  |

年月日：2017/04/22 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.4   | SW  | 1.3     | -0.4         | 0.58         | 89.4  |
| 100   | 2.2   | SSW | 1.7     | -0.6         | 0.38         | 90.3  |
| 150   | 1.9   | SW  | 1.3     | -0.6         | 0.38         | 91.0  |
| 200   | 1.6   | WSW | 0.9     | -0.6         | 0.38         | 91.2  |
| 250   | 1.3   | WNW | 1.1     | 0.0          | 0.98         | 92.0  |
| 300   | 1.3   | WNW | 1.6     | -0.4         | 0.58         | 92.4  |
| 350   | 1.1   | NW  | 1.7     | -0.2         | 0.78         | 92.8  |
| 400   | 1.0   | NW  | 2.0     | -0.8         | 0.18         | 93.5  |
| 450   | 0.6   | NNW | 2.3     | -0.6         | 0.38         | 94.8  |
| 500   | 0.3   | NNW | 2.2     | -0.7         | 0.28         | 97.2  |
| 600   | -0.4  | NNW | 3.6     | -0.3         | 0.68         | 97.4  |
| 700   | -0.7  | NW  | 4.4     | -0.5         | 0.48         | 97.4  |
| 800   | -1.2  | NW  | 3.8     | -0.5         | 0.48         | 97.4  |
| 900   | -1.7  | WNW | 3.6     | -0.6         | 0.38         | 97.3  |
| 1000  | -2.3  | WNW | 4.3     | -0.5         | 0.48         | 97.3  |
| 1100  | -2.8  | NW  | 4.8     | -0.5         | 0.48         | 97.2  |
| 1200  | -3.3  | NW  | 4.0     | -0.4         | 0.58         | 97.2  |
| 1300  | -3.7  | NNW | 3.7     | -0.8         | 0.18         | 96.8  |
| 1400  | -4.5  | NNW | 3.6     | -0.6         | 0.38         | 95.0  |
| 1500  | -5.1  | NNW | 3.0     | ---          | ---          | 91.5  |

年月日：2017/04/23 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.0   | NW  | 4.3     | -0.6         | 0.38         | 96.4  |
| 100   | 1.7   | NW  | 3.7     | -0.6         | 0.38         | 97.7  |
| 150   | 1.4   | NW  | 3.9     | -0.6         | 0.38         | 97.6  |
| 200   | 1.1   | NW  | 4.0     | -0.6         | 0.38         | 97.6  |
| 250   | 0.8   | NW  | 4.4     | -0.6         | 0.38         | 97.6  |
| 300   | 0.5   | NNW | 4.3     | -0.4         | 0.58         | 97.5  |
| 350   | 0.3   | NNW | 4.4     | -0.6         | 0.38         | 97.5  |
| 400   | 0.0   | NNW | 5.1     | -0.4         | 0.58         | 97.5  |
| 450   | -0.2  | NNW | 4.9     | -0.6         | 0.38         | 97.5  |
| 500   | -0.5  | NNW | 5.3     | -0.6         | 0.38         | 97.4  |
| 600   | -1.1  | NW  | 5.8     | -0.7         | 0.28         | 97.4  |
| 700   | -1.8  | NW  | 5.4     | -0.7         | 0.28         | 97.3  |
| 800   | -2.5  | NW  | 5.7     | -0.5         | 0.48         | 97.2  |
| 900   | -3.0  | NW  | 3.4     | -0.4         | 0.58         | 97.2  |
| 1000  | -3.4  | WNW | 2.3     | -0.3         | 0.68         | 97.2  |
| 1100  | -3.7  | NW  | 1.5     | -0.3         | 0.68         | 97.1  |
| 1200  | -4.0  | WNW | 1.2     | -0.5         | 0.48         | 97.1  |
| 1300  | -4.5  | WNW | 3.1     | -0.4         | 0.58         | 97.0  |
| 1400  | -4.9  | WNW | 4.6     | -0.6         | 0.38         | 95.6  |
| 1500  | -5.5  | WNW | 4.7     | ---          | ---          | 97.0  |

年月日：2017/04/23 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.1   | NNE | 1.9     | -0.6         | 0.38         | 94.2  |
| 100   | 1.8   | NE  | 1.2     | -0.8         | 0.18         | 96.5  |
| 150   | 1.4   | N   | 0.8     | -0.4         | 0.58         | 97.6  |
| 200   | 1.2   | N   | 1.1     | -0.4         | 0.58         | 97.6  |
| 250   | 1.0   | NNW | 2.0     | -0.8         | 0.18         | 97.6  |
| 300   | 0.6   | NNW | 3.2     | -0.4         | 0.58         | 97.6  |
| 350   | 0.4   | NNW | 4.6     | -0.2         | 0.78         | 97.5  |
| 400   | 0.3   | NNW | 6.2     | -0.6         | 0.38         | 97.5  |
| 450   | 0.0   | NNW | 7.0     | -0.6         | 0.38         | 97.5  |
| 500   | -0.3  | NW  | 7.5     | -0.6         | 0.38         | 97.5  |
| 600   | -0.9  | NW  | 7.5     | -0.7         | 0.28         | 97.4  |
| 700   | -1.6  | NW  | 7.5     | -0.7         | 0.28         | 97.3  |
| 800   | -2.3  | NNW | 7.9     | -0.7         | 0.28         | 97.3  |
| 900   | -3.0  | NNW | 8.0     | -0.7         | 0.28         | 97.2  |
| 1000  | -3.7  | NNW | 7.2     | -0.6         | 0.38         | 96.7  |
| 1100  | -4.3  | NNW | 6.2     | -0.6         | 0.38         | 97.1  |
| 1200  | -4.9  | NNW | 5.0     | -0.8         | 0.18         | 95.7  |
| 1300  | -5.7  | N   | 5.2     | -0.8         | 0.18         | 96.9  |
| 1400  | -6.5  | N   | 6.1     | -0.6         | 0.38         | 96.9  |
| 1500  | -7.1  | N   | 7.2     | ---          | ---          | 96.8  |

年月日：2017/04/23 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.4   | NNW | 1.2     | -0.8         | 0.18         | 93.1  |
| 100   | 2.0   | N   | 3.0     | -0.4         | 0.58         | 95.6  |
| 150   | 1.8   | N   | 3.5     | 0.0          | 0.98         | 97.2  |
| 200   | 1.8   | NNW | 4.5     | -2.0         | -1.02        | 97.7  |
| 250   | 0.8   | NNW | 5.1     | -0.6         | 0.38         | 96.0  |
| 300   | 0.5   | NNW | 5.5     | -0.8         | 0.18         | 96.5  |
| 350   | 0.1   | NNW | 5.4     | -0.6         | 0.38         | 97.5  |
| 400   | -0.2  | NNW | 5.0     | -0.6         | 0.38         | 97.5  |
| 450   | -0.5  | NNW | 4.9     | -0.8         | 0.18         | 97.4  |
| 500   | -0.9  | NNW | 5.3     | -0.6         | 0.38         | 97.4  |
| 600   | -1.5  | NW  | 7.1     | -0.4         | 0.58         | 97.3  |
| 700   | -1.9  | NNW | 7.5     | -0.4         | 0.58         | 97.3  |
| 800   | -2.3  | NNW | 7.5     | -0.7         | 0.28         | 97.3  |
| 900   | -3.0  | NNW | 6.8     | -0.4         | 0.58         | 97.2  |
| 1000  | -3.4  | NNW | 8.3     | -1.0         | -0.02        | 97.2  |
| 1100  | -4.4  | NNW | 8.3     | -0.8         | 0.18         | 97.1  |
| 1200  | -5.2  | NNW | 8.4     | -1.2         | -0.22        | 97.0  |
| 1300  | -6.4  | NNW | 8.9     | -1.5         | -0.52        | 94.7  |
| 1400  | -7.9  | N   | 10.5    | -0.9         | 0.08         | 72.6  |
| 1500  | -8.8  | N   | 12.2    | ---          | ---          | 63.8  |

年月日：2017/04/23 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 4.5   | NW  | 4.4     | -1.6         | -0.62        | 72.2  |
| 100   | 3.7   | N   | 4.0     | -0.8         | 0.18         | 75.5  |
| 150   | 3.3   | N   | 5.2     | -1.0         | -0.02        | 78.2  |
| 200   | 2.8   | N   | 5.5     | -1.2         | -0.22        | 80.0  |
| 250   | 2.2   | N   | 5.6     | -1.4         | -0.42        | 80.7  |
| 300   | 1.5   | N   | 5.8     | -1.0         | -0.02        | 82.1  |
| 350   | 1.0   | N   | 5.5     | -1.0         | -0.02        | 84.7  |
| 400   | 0.5   | NNW | 5.2     | -0.8         | 0.18         | 88.3  |
| 450   | 0.1   | NNW | 5.4     | -0.6         | 0.38         | 91.0  |
| 500   | -0.2  | NNW | 6.0     | -0.5         | 0.48         | 90.1  |
| 600   | -0.7  | NNW | 7.0     | -0.8         | 0.18         | 80.9  |
| 700   | -1.5  | NNW | 7.5     | -1.0         | -0.02        | 83.7  |
| 800   | -2.5  | NNW | 7.5     | -1.0         | -0.02        | 87.8  |
| 900   | -3.5  | NNW | 7.6     | -0.7         | 0.28         | 93.8  |
| 1000  | -4.2  | NW  | 7.0     | -0.7         | 0.28         | 96.8  |
| 1100  | -4.9  | NW  | 6.4     | -0.7         | 0.28         | 95.9  |
| 1200  | -5.6  | NNW | 6.8     | -0.4         | 0.58         | 96.2  |
| 1300  | -6.0  | N   | 7.6     | -0.4         | 0.58         | 83.3  |
| 1400  | -6.4  | NNW | 8.9     | 0.4          | 1.38         | 75.9  |
| 1500  | -6.0  | NNW | 9.3     | ---          | ---          | 57.2  |

年月日：2017/04/23 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 6.1   | N   | 5.6     | -1.0         | -0.02        | 53.7  |
| 100   | 5.6   | N   | 6.3     | -0.6         | 0.38         | 56.3  |
| 150   | 5.3   | N   | 6.1     | -1.6         | -0.62        | 54.9  |
| 200   | 4.5   | N   | 5.8     | -1.0         | -0.02        | 56.7  |
| 250   | 4.0   | N   | 6.0     | -0.6         | 0.38         | 58.6  |
| 300   | 3.7   | NNW | 5.8     | -0.8         | 0.18         | 56.7  |
| 350   | 3.3   | NNW | 6.1     | -0.8         | 0.18         | 57.7  |
| 400   | 2.9   | NNW | 6.7     | -0.6         | 0.38         | 48.7  |
| 450   | 2.6   | NNW | 7.1     | -1.0         | -0.02        | 45.2  |
| 500   | 2.1   | NNW | 7.2     | -0.9         | 0.08         | 40.6  |
| 600   | 1.2   | NNW | 6.9     | -0.9         | 0.08         | 41.5  |
| 700   | 0.3   | NNW | 7.7     | -0.8         | 0.18         | 42.3  |
| 800   | -0.5  | NNW | 7.4     | -0.9         | 0.08         | 38.5  |
| 900   | -1.4  | NW  | 7.5     | -0.9         | 0.08         | 42.1  |
| 1000  | -2.3  | NNW | 7.6     | -0.9         | 0.08         | 40.1  |
| 1100  | -3.2  | NNW | 8.1     | -0.7         | 0.28         | 41.4  |
| 1200  | -3.9  | NNW | 8.8     | -0.7         | 0.28         | 42.9  |
| 1300  | -4.6  | NNW | 9.0     | -0.6         | 0.38         | 43.7  |
| 1400  | -5.2  | NNW | 10.1    | -0.4         | 0.58         | 44.2  |
| 1500  | -5.6  | NNW | 9.8     | ---          | ---          | 44.6  |

年月日：2017/04/23 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 6.1   | NNE | 8.8     | -1.2         | -0.22        | 48.3  |
| 100   | 5.5   | NNE | 7.5     | -0.6         | 0.38         | 49.2  |
| 150   | 5.2   | NNE | 7.5     | -0.8         | 0.18         | 51.0  |
| 200   | 4.8   | N   | 7.4     | -1.0         | -0.02        | 53.3  |
| 250   | 4.3   | N   | 7.2     | 0.2          | 1.18         | 48.3  |
| 300   | 4.4   | NNW | 7.3     | -0.4         | 0.58         | 37.5  |
| 350   | 4.2   | NNW | 7.5     | -1.0         | -0.02        | 33.5  |
| 400   | 3.7   | NNW | 8.2     | -0.8         | 0.18         | 34.1  |
| 450   | 3.3   | NNW | 8.7     | -0.8         | 0.18         | 34.0  |
| 500   | 2.9   | NNW | 8.3     | -0.4         | 0.58         | 34.0  |
| 600   | 2.5   | NNW | 7.1     | -0.9         | 0.08         | 31.5  |
| 700   | 1.6   | NW  | 6.4     | -0.8         | 0.18         | 35.9  |
| 800   | 0.8   | NW  | 6.6     | -0.9         | 0.08         | 34.1  |
| 900   | -0.1  | NW  | 6.7     | -0.7         | 0.28         | 32.9  |
| 1000  | -0.8  | NW  | 6.6     | -1.0         | -0.02        | 36.2  |
| 1100  | -1.8  | NW  | 6.9     | -0.9         | 0.08         | 40.9  |
| 1200  | -2.7  | NW  | 7.1     | -0.8         | 0.18         | 40.9  |
| 1300  | -3.5  | NW  | 7.8     | -0.9         | 0.08         | 40.9  |
| 1400  | -4.4  | NW  | 7.9     | -0.5         | 0.48         | 43.1  |
| 1500  | -4.9  | NNW | 7.4     | ---          | ---          | 49.0  |

年月日：2017/04/23 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 4.5   | N   | 2.1     | -1.0         | -0.02        | 69.1  |
| 100   | 4.0   | NNE | 2.4     | -1.2         | -0.22        | 71.6  |
| 150   | 3.4   | N   | 3.0     | -1.2         | -0.22        | 72.8  |
| 200   | 2.8   | N   | 3.0     | -0.8         | 0.18         | 74.3  |
| 250   | 2.4   | NNW | 3.1     | -0.4         | 0.58         | 75.6  |
| 300   | 2.2   | NNW | 3.1     | -1.0         | -0.02        | 76.3  |
| 350   | 1.7   | NNW | 3.1     | -0.2         | 0.78         | 77.8  |
| 400   | 1.6   | NNW | 3.4     | 1.4          | 2.38         | 78.4  |
| 450   | 2.3   | NW  | 4.6     | 1.2          | 2.18         | 67.7  |
| 500   | 2.9   | NW  | 5.9     | -0.7         | 0.28         | 57.2  |
| 600   | 2.2   | WNW | 7.6     | -0.9         | 0.08         | 55.1  |
| 700   | 1.3   | WNW | 6.9     | -0.8         | 0.18         | 55.8  |
| 800   | 0.5   | WNW | 5.4     | -0.8         | 0.18         | 57.1  |
| 900   | -0.3  | WNW | 5.1     | -0.9         | 0.08         | 56.6  |
| 1000  | -1.2  | WNW | 5.7     | -0.9         | 0.08         | 56.7  |
| 1100  | -2.1  | NW  | 7.2     | -1.0         | -0.02        | 58.2  |
| 1200  | -3.1  | NW  | 7.8     | -0.4         | 0.58         | 60.6  |
| 1300  | -3.5  | NNW | 7.0     | -0.7         | 0.28         | 65.0  |
| 1400  | -4.2  | NNW | 6.6     | -0.7         | 0.28         | 60.5  |
| 1500  | -4.9  | NNW | 6.8     | ---          | ---          | 66.3  |

年月日：2017/04/23 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 2.5   | NNW | 1.8     | 0.0          | 0.98         | 84.9  |
| 100   | 2.5   | NNW | 3.0     | -0.6         | 0.38         | 82.0  |
| 150   | 2.2   | N   | 3.2     | -0.8         | 0.18         | 81.8  |
| 200   | 1.8   | N   | 3.4     | -0.6         | 0.38         | 81.0  |
| 250   | 1.5   | N   | 3.3     | 0.2          | 1.18         | 81.9  |
| 300   | 1.6   | N   | 2.6     | 0.0          | 0.98         | 81.1  |
| 350   | 1.6   | N   | 2.0     | 0.8          | 1.78         | 79.5  |
| 400   | 2.0   | NW  | 1.8     | -1.0         | -0.02        | 76.6  |
| 450   | 1.5   | WNW | 3.0     | 0.2          | 1.18         | 76.0  |
| 500   | 1.6   | WNW | 4.2     | 0.0          | 0.98         | 70.9  |
| 600   | 1.6   | WNW | 4.7     | -0.7         | 0.28         | 64.1  |
| 700   | 0.9   | NW  | 4.2     | -0.3         | 0.68         | 64.8  |
| 800   | 0.6   | NW  | 5.5     | -0.5         | 0.48         | 58.0  |
| 900   | 0.1   | NW  | 5.0     | -0.4         | 0.58         | 58.8  |
| 1000  | -0.3  | NW  | 4.2     | -0.5         | 0.48         | 57.2  |
| 1100  | -0.8  | NW  | 5.1     | -0.6         | 0.38         | 53.0  |
| 1200  | -1.4  | NW  | 6.0     | -0.8         | 0.18         | 50.3  |
| 1300  | -2.2  | NW  | 6.4     | -0.9         | 0.08         | 59.1  |
| 1400  | -3.1  | NNW | 6.6     | -0.8         | 0.18         | 59.2  |
| 1500  | -3.9  | NW  | 7.4     | ---          | ---          | 59.0  |

年月日：2017/04/24 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.7   | SW  | 2.5     | 0.8          | 1.78         | 91.8  |
| 100   | 2.1   | WSW | 1.4     | -0.4         | 0.58         | 85.5  |
| 150   | 1.9   | W   | 0.8     | -0.4         | 0.58         | 84.4  |
| 200   | 1.7   | NW  | 0.8     | -0.6         | 0.38         | 84.3  |
| 250   | 1.4   | N   | 1.7     | -1.0         | -0.02        | 85.9  |
| 300   | 0.9   | N   | 2.0     | -0.6         | 0.38         | 87.1  |
| 350   | 0.6   | N   | 2.3     | -0.4         | 0.58         | 87.9  |
| 400   | 0.4   | N   | 2.4     | 0.8          | 1.78         | 87.4  |
| 450   | 0.8   | NW  | 2.4     | 1.6          | 2.58         | 79.5  |
| 500   | 1.6   | NW  | 3.8     | 0.3          | 1.28         | 65.0  |
| 600   | 1.9   | WNW | 4.8     | -0.3         | 0.68         | 58.9  |
| 700   | 1.6   | W   | 4.1     | -0.2         | 0.78         | 58.0  |
| 800   | 1.4   | W   | 5.2     | -0.8         | 0.18         | 54.9  |
| 900   | 0.6   | W   | 6.3     | -0.7         | 0.28         | 54.3  |
| 1000  | -0.1  | WNW | 5.9     | -0.9         | 0.08         | 57.3  |
| 1100  | -1.0  | WNW | 6.1     | -0.8         | 0.18         | 59.9  |
| 1200  | -1.8  | WNW | 6.2     | -0.6         | 0.38         | 63.0  |
| 1300  | -2.4  | WNW | 7.3     | -0.7         | 0.28         | 66.0  |
| 1400  | -3.1  | WNW | 7.0     | -0.7         | 0.28         | 63.3  |
| 1500  | -3.8  | WNW | 6.9     | ---          | ---          | 67.9  |

年月日：2017/04/24 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 0.6   | SW  | 3.1     | 1.2          | 2.18         | 90.1  |
| 100   | 1.2   | WSW | 2.4     | 1.4          | 2.38         | 84.2  |
| 150   | 1.9   | W   | 1.4     | -0.6         | 0.38         | 79.7  |
| 200   | 1.6   | NW  | 1.1     | -0.8         | 0.18         | 81.1  |
| 250   | 1.2   | N   | 1.0     | -0.4         | 0.58         | 84.2  |
| 300   | 1.0   | NNE | 0.9     | -0.6         | 0.38         | 87.1  |
| 350   | 0.7   | NE  | 0.5     | -0.2         | 0.78         | 85.9  |
| 400   | 0.6   | W   | 0.8     | -0.2         | 0.78         | 81.1  |
| 450   | 0.5   | WNW | 1.6     | 4.0          | 4.98         | 74.2  |
| 500   | 2.5   | WNW | 3.2     | -0.9         | 0.08         | 60.7  |
| 600   | 1.6   | WNW | 4.7     | -0.6         | 0.38         | 58.9  |
| 700   | 1.0   | WNW | 6.6     | -0.3         | 0.68         | 62.9  |
| 800   | 0.7   | WNW | 6.0     | -0.3         | 0.68         | 61.6  |
| 900   | 0.4   | NW  | 6.1     | -0.8         | 0.18         | 58.2  |
| 1000  | -0.4  | NW  | 7.1     | -0.2         | 0.78         | 58.0  |
| 1100  | -0.6  | NW  | 8.2     | -0.7         | 0.28         | 59.2  |
| 1200  | -1.3  | NW  | 8.4     | -0.8         | 0.18         | 59.8  |
| 1300  | -2.1  | NW  | 8.2     | -0.9         | 0.08         | 60.9  |
| 1400  | -3.0  | NW  | 8.4     | -0.7         | 0.28         | 61.5  |
| 1500  | -3.7  | NW  | 9.1     | ---          | ---          | 64.4  |

年月日：2017/04/24 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 1.6   | S   | 2.4     | 1.0          | 1.98         | 79.9  |
| 100   | 2.1   | SSW | 2.2     | 0.2          | 1.18         | 82.5  |
| 150   | 2.2   | S   | 2.0     | -0.2         | 0.78         | 82.2  |
| 200   | 2.1   | S   | 2.0     | -1.0         | -0.02        | 79.5  |
| 250   | 1.6   | S   | 3.0     | 0.6          | 1.58         | 79.9  |
| 300   | 1.9   | S   | 2.4     | 1.6          | 2.58         | 74.8  |
| 350   | 2.7   | S   | 1.8     | -0.6         | 0.38         | 63.3  |
| 400   | 2.4   | SSW | 1.7     | -0.6         | 0.38         | 60.3  |
| 450   | 2.1   | WSW | 1.0     | 0.4          | 1.38         | 59.6  |
| 500   | 2.3   | WNW | 1.0     | -0.1         | 0.88         | 57.0  |
| 600   | 2.2   | W   | 1.6     | -0.5         | 0.48         | 54.2  |
| 700   | 1.7   | W   | 2.0     | -0.7         | 0.28         | 52.9  |
| 800   | 1.0   | WNW | 2.5     | -0.2         | 0.78         | 53.9  |
| 900   | 0.8   | WNW | 4.4     | -0.5         | 0.48         | 53.7  |
| 1000  | 0.3   | WNW | 6.1     | -0.8         | 0.18         | 52.1  |
| 1100  | -0.5  | WNW | 7.8     | -0.5         | 0.48         | 55.8  |
| 1200  | -1.0  | NW  | 8.7     | -0.3         | 0.68         | 43.9  |
| 1300  | -1.3  | NW  | 9.9     | 0.1          | 1.08         | 49.3  |
| 1400  | -1.2  | NW  | 11.5    | -0.4         | 0.58         | 50.3  |
| 1500  | -1.6  | NW  | 11.2    | ---          | ---          | 37.6  |

年月日：2017/04/24 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 7.7   | E   | 0.8     | -1.0         | -0.02        | 46.9  |
| 100   | 7.2   | ESE | 0.6     | -0.4         | 0.58         | 47.2  |
| 150   | 7.0   | SE  | 0.7     | -1.0         | -0.02        | 47.8  |
| 200   | 6.5   | SSE | 0.9     | -1.2         | -0.22        | 46.7  |
| 250   | 5.9   | SSE | 0.6     | -0.6         | 0.38         | 45.7  |
| 300   | 5.6   | SSE | 1.0     | -1.4         | -0.42        | 48.4  |
| 350   | 4.9   | SE  | 1.6     | -1.0         | -0.02        | 50.1  |
| 400   | 4.4   | SSE | 2.2     | -1.0         | -0.02        | 52.2  |
| 450   | 3.9   | SSE | 3.1     | -0.8         | 0.18         | 54.7  |
| 500   | 3.5   | SSE | 3.1     | -0.9         | 0.08         | 56.3  |
| 600   | 2.6   | S   | 3.4     | 0.2          | 1.18         | 55.1  |
| 700   | 2.8   | SSW | 2.4     | -0.3         | 0.68         | 42.6  |
| 800   | 2.5   | WSW | 2.4     | -0.1         | 0.88         | 39.5  |
| 900   | 2.4   | WSW | 5.3     | -0.8         | 0.18         | 39.6  |
| 1000  | 1.6   | W   | 7.2     | -0.5         | 0.48         | 40.2  |
| 1100  | 1.1   | W   | 6.8     | -0.2         | 0.78         | 39.9  |
| 1200  | 0.9   | WNW | 7.6     | -0.5         | 0.48         | 40.8  |
| 1300  | 0.4   | WNW | 9.5     | -0.5         | 0.48         | 38.9  |
| 1400  | -0.1  | WNW | 9.7     | -0.2         | 0.78         | 39.1  |
| 1500  | -0.3  | WNW | 10.8    | ---          | ---          | 46.9  |

年月日：2017/04/24 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 12.1  | SSE | 2.2     | -1.6         | -0.62        | 38.1  |
| 100   | 11.3  | SSE | 3.5     | -1.2         | -0.22        | 40.1  |
| 150   | 10.7  | SSE | 3.5     | -1.2         | -0.22        | 40.9  |
| 200   | 10.1  | SSE | 3.5     | -0.8         | 0.18         | 42.7  |
| 250   | 9.7   | SSE | 4.2     | -0.8         | 0.18         | 43.8  |
| 300   | 9.3   | SSE | 4.1     | -1.4         | -0.42        | 43.7  |
| 350   | 8.6   | SE  | 3.9     | -0.8         | 0.18         | 45.2  |
| 400   | 8.2   | SSE | 3.8     | -1.2         | -0.22        | 46.9  |
| 450   | 7.6   | SSE | 2.9     | -0.4         | 0.58         | 47.3  |
| 500   | 7.4   | S   | 2.5     | -0.8         | 0.18         | 45.3  |
| 600   | 6.6   | SW  | 1.8     | -0.7         | 0.28         | 49.1  |
| 700   | 5.9   | WSW | 2.3     | -0.9         | 0.08         | 51.6  |
| 800   | 5.0   | WSW | 4.4     | -0.7         | 0.28         | 53.5  |
| 900   | 4.3   | WSW | 6.3     | -0.4         | 0.58         | 52.7  |
| 1000  | 3.9   | WSW | 7.3     | -0.6         | 0.38         | 46.3  |
| 1100  | 3.3   | WSW | 9.0     | -0.9         | 0.08         | 42.1  |
| 1200  | 2.4   | W   | 10.1    | -0.9         | 0.08         | 42.3  |
| 1300  | 1.5   | W   | 9.8     | 0.0          | 0.98         | 44.1  |
| 1400  | 1.5   | W   | 10.6    | -0.3         | 0.68         | 42.8  |
| 1500  | 1.2   | W   | 11.6    | ---          | ---          | 42.6  |

年月日：2017/04/24 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 14.2  | SSE | 4.0     | -1.8         | -0.82        | 34.6  |
| 100   | 13.3  | SE  | 4.4     | -0.6         | 0.38         | 35.4  |
| 150   | 13.0  | SE  | 4.7     | -0.4         | 0.58         | 36.7  |
| 200   | 12.8  | SE  | 4.7     | -1.0         | -0.02        | 36.4  |
| 250   | 12.3  | SE  | 4.3     | -0.8         | 0.18         | 37.2  |
| 300   | 11.9  | SE  | 4.0     | -1.2         | -0.22        | 38.3  |
| 350   | 11.3  | SSE | 4.1     | -0.8         | 0.18         | 39.2  |
| 400   | 10.9  | SSE | 4.7     | -1.0         | -0.02        | 40.5  |
| 450   | 10.4  | S   | 4.5     | -0.8         | 0.18         | 41.8  |
| 500   | 10.0  | S   | 4.8     | -0.9         | 0.08         | 42.2  |
| 600   | 9.1   | S   | 4.6     | -0.8         | 0.18         | 43.0  |
| 700   | 8.3   | S   | 3.4     | -1.4         | -0.42        | 37.1  |
| 800   | 6.9   | S   | 2.2     | -0.8         | 0.18         | 48.5  |
| 900   | 6.1   | SW  | 1.0     | -1.1         | -0.12        | 51.7  |
| 1000  | 5.0   | W   | 2.0     | -0.6         | 0.38         | 55.0  |
| 1100  | 4.4   | W   | 3.9     | -1.1         | -0.12        | 51.6  |
| 1200  | 3.3   | W   | 4.7     | -1.0         | -0.02        | 53.3  |
| 1300  | 2.3   | W   | 4.5     | -0.8         | 0.18         | 55.6  |
| 1400  | 1.5   | W   | 5.6     | -1.0         | -0.02        | 53.5  |
| 1500  | 0.5   | W   | 7.0     | ---          | ---          | 52.9  |

年月日：2017/04/24 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 12.0  | S   | 5.5     | 0.4          | 1.38         | 42.2  |
| 100   | 12.2  | S   | 5.0     | -0.4         | 0.58         | 39.9  |
| 150   | 12.0  | SSW | 4.5     | 0.4          | 1.38         | 39.1  |
| 200   | 12.2  | SW  | 4.4     | -0.6         | 0.38         | 34.6  |
| 250   | 11.9  | WSW | 4.8     | -1.0         | -0.02        | 33.6  |
| 300   | 11.4  | WSW | 5.4     | -1.0         | -0.02        | 34.4  |
| 350   | 10.9  | W   | 5.2     | -0.8         | 0.18         | 34.5  |
| 400   | 10.5  | W   | 5.4     | -1.0         | -0.02        | 35.1  |
| 450   | 10.0  | W   | 4.7     | -1.0         | -0.02        | 35.9  |
| 500   | 9.5   | W   | 4.7     | -1.0         | -0.02        | 36.7  |
| 600   | 8.5   | WSW | 5.0     | -1.0         | -0.02        | 38.8  |
| 700   | 7.5   | WSW | 5.2     | -0.9         | 0.08         | 40.5  |
| 800   | 6.6   | WSW | 4.6     | -1.0         | -0.02        | 42.7  |
| 900   | 5.6   | W   | 4.9     | -0.9         | 0.08         | 45.0  |
| 1000  | 4.7   | W   | 5.3     | -0.9         | 0.08         | 47.5  |
| 1100  | 3.8   | W   | 5.6     | -1.0         | -0.02        | 49.3  |
| 1200  | 2.8   | W   | 5.6     | -0.7         | 0.28         | 52.1  |
| 1300  | 2.1   | W   | 6.6     | -0.9         | 0.08         | 54.5  |
| 1400  | 1.2   | W   | 6.9     | -0.7         | 0.28         | 56.3  |
| 1500  | 0.5   | W   | 8.6     | ---          | ---          | 56.9  |

年月日：2017/04/24 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 8.8   | S   | 4.7     | 0.4          | 1.38         | 48.6  |
| 100   | 9.0   | S   | 7.8     | 0.8          | 1.78         | 46.8  |
| 150   | 9.4   | S   | 9.9     | -0.2         | 0.78         | 44.3  |
| 200   | 9.3   | S   | 11.1    | 1.0          | 1.98         | 43.0  |
| 250   | 9.8   | S   | 10.8    | 0.2          | 1.18         | 40.6  |
| 300   | 9.9   | S   | 9.1     | 0.2          | 1.18         | 38.6  |
| 350   | 10.0  | S   | 6.9     | -0.8         | 0.18         | 34.8  |
| 400   | 9.6   | S   | 5.2     | -0.8         | 0.18         | 34.4  |
| 450   | 9.2   | S   | 4.5     | -0.8         | 0.18         | 33.5  |
| 500   | 8.8   | S   | 4.4     | -1.0         | -0.02        | 34.0  |
| 600   | 7.8   | S   | 3.9     | -0.7         | 0.28         | 34.8  |
| 700   | 7.1   | SSW | 4.4     | -0.7         | 0.28         | 34.4  |
| 800   | 6.4   | SW  | 5.3     | -0.6         | 0.38         | 33.9  |
| 900   | 5.8   | SW  | 5.3     | -0.3         | 0.68         | 34.8  |
| 1000  | 5.5   | WSW | 7.2     | 0.1          | 1.08         | 35.1  |
| 1100  | 5.6   | WSW | 8.6     | -0.7         | 0.28         | 36.3  |
| 1200  | 4.9   | W   | 9.7     | -0.8         | 0.18         | 37.5  |
| 1300  | 4.1   | WSW | 11.0    | -0.8         | 0.18         | 38.7  |
| 1400  | 3.3   | WSW | 11.4    | -0.9         | 0.08         | 39.3  |
| 1500  | 2.4   | WSW | 12.0    | ---          | ---          | 41.1  |

### 3-4 夏季調查結果

年月日：2017/07/24 0時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 16.8  | CALM | 0.4     | 1.0          | 1.98         | 99.7  |
| 100   | 17.3  | SSE  | 0.9     | 1.2          | 2.18         | 99.5  |
| 150   | 17.9  | SSE  | 1.4     | 1.8          | 2.78         | 99.3  |
| 200   | 18.8  | ESE  | 0.8     | -0.6         | 0.38         | 98.1  |
| 250   | 18.5  | WSW  | 0.5     | -0.8         | 0.18         | 95.6  |
| 300   | 18.1  | W    | 1.8     | 0.2          | 1.18         | 95.2  |
| 350   | 18.2  | W    | 2.5     | 0.4          | 1.38         | 89.9  |
| 400   | 18.4  | WNW  | 3.0     | 1.8          | 2.78         | 88.3  |
| 450   | 19.3  | NW   | 3.4     | 1.6          | 2.58         | 79.9  |
| 500   | 20.1  | NW   | 3.8     | 0.9          | 1.88         | 75.7  |
| 600   | 21.0  | WNW  | 6.1     | 0.1          | 1.08         | 73.7  |
| 700   | 21.1  | W    | 5.1     | -0.7         | 0.28         | 65.8  |
| 800   | 20.4  | W    | 4.9     | -0.5         | 0.48         | 64.3  |
| 900   | 19.9  | W    | 4.9     | -0.9         | 0.08         | 65.0  |
| 1000  | 19.0  | W    | 4.7     | -0.9         | 0.08         | 66.7  |
| 1100  | 18.1  | W    | 4.3     | -0.5         | 0.48         | 68.6  |
| 1200  | 17.6  | W    | 3.9     | -0.9         | 0.08         | 64.2  |
| 1300  | 16.7  | WSW  | 3.3     | 0.1          | 1.08         | 70.1  |
| 1400  | 16.8  | SW   | 3.4     | -1.2         | -0.22        | 64.7  |
| 1500  | 15.6  | SW   | 4.0     | ---          | ---          | 75.9  |

年月日：2017/07/24 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 17.3  | SSW | 1.1     | 0.0          | 0.98         | 97.0  |
| 100   | 17.3  | S   | 2.5     | 0.0          | 0.98         | 96.7  |
| 150   | 17.3  | S   | 3.9     | 0.8          | 1.78         | 96.4  |
| 200   | 17.7  | WSW | 1.7     | -0.6         | 0.38         | 95.7  |
| 250   | 17.4  | WNW | 1.8     | -0.8         | 0.18         | 96.2  |
| 300   | 17.0  | NW  | 2.1     | -0.6         | 0.38         | 97.4  |
| 350   | 16.7  | NW  | 2.2     | -0.6         | 0.38         | 99.1  |
| 400   | 16.4  | NW  | 1.8     | -0.4         | 0.58         | 99.2  |
| 450   | 16.2  | NNW | 1.9     | -0.4         | 0.58         | 99.2  |
| 500   | 16.0  | NNW | 1.4     | -0.3         | 0.68         | 99.1  |
| 600   | 15.7  | WNW | 2.4     | 1.6          | 2.58         | 96.1  |
| 700   | 17.3  | WNW | 5.2     | 1.3          | 2.28         | 84.1  |
| 800   | 18.6  | WNW | 5.4     | -0.3         | 0.68         | 77.9  |
| 900   | 18.3  | WNW | 3.6     | 0.4          | 1.38         | 67.4  |
| 1000  | 18.7  | NW  | 3.4     | 0.8          | 1.78         | 45.8  |
| 1100  | 19.5  | WNW | 2.1     | -0.4         | 0.58         | 25.9  |
| 1200  | 19.1  | WNW | 2.5     | -0.6         | 0.38         | 15.6  |
| 1300  | 18.5  | WNW | 2.5     | -0.7         | 0.28         | 12.5  |
| 1400  | 17.8  | WNW | 2.5     | -1.0         | -0.02        | 12.9  |
| 1500  | 16.8  | W   | 2.5     | ---          | ---          | 13.2  |

年月日：2017/07/24 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 18.4  | SW  | 0.5     | -2.0         | -1.02        | 83.9  |
| 100   | 17.4  | SW  | 1.2     | -1.8         | -0.82        | 82.0  |
| 150   | 16.5  | SW  | 1.9     | 1.2          | 2.18         | 80.1  |
| 200   | 17.1  | SW  | 3.6     | 0.4          | 1.38         | 85.7  |
| 250   | 17.3  | WSW | 2.8     | -1.0         | -0.02        | 88.1  |
| 300   | 16.8  | W   | 2.1     | -1.0         | -0.02        | 91.3  |
| 350   | 16.3  | WNW | 1.6     | -0.6         | 0.38         | 95.0  |
| 400   | 16.0  | NW  | 1.6     | -0.6         | 0.38         | 97.5  |
| 450   | 15.7  | NW  | 1.9     | -0.6         | 0.38         | 98.4  |
| 500   | 15.4  | NW  | 2.2     | -0.5         | 0.48         | 98.7  |
| 600   | 14.9  | NW  | 2.7     | 0.7          | 1.68         | 98.7  |
| 700   | 15.6  | NW  | 1.1     | 1.0          | 1.98         | 82.9  |
| 800   | 16.6  | S   | 2.0     | 0.2          | 1.18         | 79.8  |
| 900   | 16.8  | S   | 3.7     | 0.1          | 1.08         | 78.5  |
| 1000  | 16.9  | SSE | 2.0     | 0.7          | 1.68         | 59.3  |
| 1100  | 17.6  | SE  | 0.9     | -1.2         | -0.22        | 36.5  |
| 1200  | 16.4  | SSE | 1.7     | -0.3         | 0.68         | 46.7  |
| 1300  | 16.1  | SSW | 2.8     | 0.0          | 0.98         | 39.5  |
| 1400  | 16.1  | SW  | 2.4     | -0.5         | 0.48         | 22.4  |
| 1500  | 15.6  | WSW | 2.9     | ---          | ---          | 17.0  |

年月日：2017/07/24 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 22.5  | SE  | 0.8     | -1.8         | -0.82        | 55.1  |
| 100   | 21.6  | SE  | 1.6     | -2.0         | -1.02        | 55.8  |
| 150   | 20.6  | SE  | 2.5     | -0.2         | 0.78         | 56.6  |
| 200   | 20.5  | ESE | 2.5     | -0.2         | 0.78         | 65.6  |
| 250   | 20.4  | ESE | 1.7     | -1.6         | -0.62        | 71.5  |
| 300   | 19.6  | ESE | 1.3     | -1.0         | -0.02        | 72.7  |
| 350   | 19.1  | E   | 0.9     | -0.8         | 0.18         | 75.0  |
| 400   | 18.7  | E   | 0.7     | -0.8         | 0.18         | 76.7  |
| 450   | 18.3  | SE  | 0.6     | -0.4         | 0.58         | 78.1  |
| 500   | 18.1  | SSE | 0.6     | -0.5         | 0.48         | 71.9  |
| 600   | 17.6  | SSE | 1.8     | -0.2         | 0.78         | 76.5  |
| 700   | 17.4  | SSE | 3.6     | -0.3         | 0.68         | 76.4  |
| 800   | 17.1  | S   | 4.1     | -0.6         | 0.38         | 73.8  |
| 900   | 16.5  | S   | 4.7     | -0.6         | 0.38         | 78.3  |
| 1000  | 15.9  | SSW | 3.8     | 1.3          | 2.28         | 79.9  |
| 1100  | 17.2  | WSW | 4.3     | -0.5         | 0.48         | 43.1  |
| 1200  | 16.7  | WSW | 4.8     | -0.4         | 0.58         | 37.8  |
| 1300  | 16.3  | WSW | 5.5     | -0.1         | 0.88         | 25.6  |
| 1400  | 16.2  | WSW | 5.8     | -0.3         | 0.68         | 15.6  |
| 1500  | 15.9  | WSW | 4.5     | ---          | ---          | 15.0  |

年月日：2017/07/24 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 26.9  | NNE | 0.9     | -2.4         | -1.42        | 45.6  |
| 100   | 25.7  | NNE | 2.0     | -2.2         | -1.22        | 45.6  |
| 150   | 24.6  | NNE | 3.1     | -1.2         | -0.22        | 45.6  |
| 200   | 24.0  | ENE | 2.6     | -1.4         | -0.42        | 50.6  |
| 250   | 23.3  | ENE | 2.9     | -1.0         | -0.02        | 54.3  |
| 300   | 22.8  | ENE | 3.2     | -1.2         | -0.22        | 58.3  |
| 350   | 22.2  | ENE | 3.2     | -1.0         | -0.02        | 61.1  |
| 400   | 21.7  | ENE | 3.4     | -1.0         | -0.02        | 62.5  |
| 450   | 21.2  | ENE | 3.9     | -1.0         | -0.02        | 64.5  |
| 500   | 20.7  | ENE | 4.0     | -1.0         | -0.02        | 65.7  |
| 600   | 19.7  | ENE | 3.8     | -0.9         | 0.08         | 69.8  |
| 700   | 18.8  | NE  | 2.8     | -1.0         | -0.02        | 73.7  |
| 800   | 17.8  | ENE | 1.8     | -0.9         | 0.08         | 76.3  |
| 900   | 16.9  | NE  | 1.7     | -0.9         | 0.08         | 80.5  |
| 1000  | 16.0  | NNE | 2.4     | -0.9         | 0.08         | 85.4  |
| 1100  | 15.1  | NNE | 2.2     | -0.8         | 0.18         | 88.7  |
| 1200  | 14.3  | N   | 1.0     | -0.6         | 0.38         | 91.1  |
| 1300  | 13.7  | WSW | 1.4     | 0.8          | 1.78         | 91.8  |
| 1400  | 14.5  | SW  | 3.8     | 0.2          | 1.18         | 74.1  |
| 1500  | 14.7  | SW  | 5.3     | ---          | ---          | 50.7  |

年月日：2017/07/24 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 22.9  | NE  | 0.7     | -0.6         | 0.38         | 61.0  |
| 100   | 22.6  | NE  | 1.6     | -0.4         | 0.58         | 61.5  |
| 150   | 22.4  | NE  | 2.4     | 0.6          | 1.58         | 62.0  |
| 200   | 22.7  | N   | 4.4     | -2.2         | -1.22        | 67.2  |
| 250   | 21.6  | NNE | 5.0     | -0.8         | 0.18         | 67.1  |
| 300   | 21.2  | NNE | 5.6     | 0.0          | 0.98         | 71.4  |
| 350   | 21.2  | N   | 5.1     | -1.8         | -0.82        | 75.6  |
| 400   | 20.3  | N   | 4.7     | -1.2         | -0.22        | 74.9  |
| 450   | 19.7  | N   | 5.0     | -1.0         | -0.02        | 76.9  |
| 500   | 19.2  | N   | 4.6     | -0.7         | 0.28         | 80.0  |
| 600   | 18.5  | N   | 3.9     | -0.5         | 0.48         | 81.6  |
| 700   | 18.0  | NNW | 2.4     | -0.5         | 0.48         | 79.9  |
| 800   | 17.5  | N   | 1.6     | -0.9         | 0.08         | 80.7  |
| 900   | 16.6  | ENE | 1.2     | -0.3         | 0.68         | 84.6  |
| 1000  | 16.3  | SSE | 2.1     | -0.5         | 0.48         | 89.4  |
| 1100  | 15.8  | S   | 2.9     | -0.6         | 0.38         | 89.4  |
| 1200  | 15.2  | SSW | 3.2     | 0.0          | 0.98         | 89.9  |
| 1300  | 15.2  | WSW | 4.2     | -0.8         | 0.18         | 81.6  |
| 1400  | 14.4  | W   | 4.3     | -0.7         | 0.28         | 82.7  |
| 1500  | 13.7  | W   | 4.7     | ---          | ---          | 85.8  |

年月日：2017/07/24 18時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 20.8  | CALM | 0.4     | -0.4         | 0.58         | 78.4  |
| 100   | 20.6  | E    | 0.9     | -0.4         | 0.58         | 76.8  |
| 150   | 20.4  | E    | 1.4     | 0.4          | 1.38         | 75.3  |
| 200   | 20.6  | NE   | 2.2     | -0.6         | 0.38         | 76.3  |
| 250   | 20.3  | NE   | 2.8     | -0.8         | 0.18         | 77.2  |
| 300   | 19.9  | NE   | 2.8     | 0.2          | 1.18         | 78.3  |
| 350   | 20.0  | NE   | 1.9     | -0.6         | 0.38         | 80.3  |
| 400   | 19.7  | NE   | 1.0     | -0.8         | 0.18         | 77.1  |
| 450   | 19.3  | CALM | 0.3     | -0.6         | 0.38         | 74.6  |
| 500   | 19.0  | CALM | 0.4     | -0.4         | 0.58         | 74.0  |
| 600   | 18.6  | SE   | 1.1     | -0.7         | 0.28         | 70.6  |
| 700   | 17.9  | SSE  | 2.0     | -0.8         | 0.18         | 81.7  |
| 800   | 17.1  | SSE  | 2.8     | -0.2         | 0.78         | 85.7  |
| 900   | 16.9  | S    | 3.5     | -0.2         | 0.78         | 88.6  |
| 1000  | 16.7  | SSW  | 2.8     | -0.5         | 0.48         | 84.3  |
| 1100  | 16.2  | WSW  | 1.7     | -0.5         | 0.48         | 85.2  |
| 1200  | 15.7  | WSW  | 2.9     | -0.8         | 0.18         | 78.0  |
| 1300  | 14.9  | WSW  | 3.4     | 0.3          | 1.28         | 79.3  |
| 1400  | 15.2  | WSW  | 3.6     | 0.6          | 1.58         | 45.5  |
| 1500  | 15.8  | W    | 3.4     | ---          | ---          | 25.2  |

年月日：2017/07/24 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 17.8  | SE  | 1.1     | 0.8          | 1.78         | 92.5  |
| 100   | 18.2  | SSE | 2.3     | 1.6          | 2.58         | 92.9  |
| 150   | 19.0  | SSE | 4.9     | 2.2          | 3.18         | 92.7  |
| 200   | 20.1  | S   | 3.7     | -0.8         | 0.18         | 86.0  |
| 250   | 19.7  | S   | 2.9     | -0.4         | 0.58         | 83.6  |
| 300   | 19.5  | S   | 2.7     | -0.6         | 0.38         | 83.6  |
| 350   | 19.2  | S   | 2.4     | -0.4         | 0.58         | 83.5  |
| 400   | 19.0  | S   | 2.8     | -0.4         | 0.58         | 84.1  |
| 450   | 18.8  | S   | 3.2     | -0.8         | 0.18         | 80.6  |
| 500   | 18.4  | S   | 3.6     | -0.4         | 0.58         | 83.3  |
| 600   | 18.0  | S   | 4.5     | 0.5          | 1.48         | 90.1  |
| 700   | 18.5  | SSW | 4.7     | -0.4         | 0.58         | 89.7  |
| 800   | 18.1  | S   | 4.2     | -0.2         | 0.78         | 85.5  |
| 900   | 17.9  | S   | 3.8     | -0.9         | 0.08         | 78.8  |
| 1000  | 17.0  | S   | 3.5     | -0.4         | 0.58         | 79.7  |
| 1100  | 16.6  | S   | 2.1     | -0.2         | 0.78         | 74.3  |
| 1200  | 16.4  | SW  | 1.8     | -0.3         | 0.68         | 56.9  |
| 1300  | 16.1  | WSW | 3.1     | 0.2          | 1.18         | 42.8  |
| 1400  | 16.3  | WSW | 4.0     | -0.1         | 0.88         | 31.9  |
| 1500  | 16.2  | W   | 2.7     | ---          | ---          | 23.1  |

年月日：2017/07/25 0時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 16.6  | SSE  | 0.5     | 0.4          | 1.38         | 92.5  |
| 100   | 16.8  | SSE  | 1.2     | 0.4          | 1.38         | 94.2  |
| 150   | 17.0  | SSE  | 1.8     | 0.8          | 1.78         | 95.9  |
| 200   | 17.4  | W    | 0.9     | 1.0          | 1.98         | 97.5  |
| 250   | 17.9  | WNW  | 0.7     | 0.2          | 1.18         | 97.1  |
| 300   | 18.0  | CALM | 0.1     | -0.4         | 0.58         | 94.5  |
| 350   | 17.8  | S    | 0.8     | 0.4          | 1.38         | 93.8  |
| 400   | 18.0  | S    | 1.3     | -0.4         | 0.58         | 94.7  |
| 450   | 17.8  | S    | 1.6     | -0.2         | 0.78         | 96.1  |
| 500   | 17.7  | S    | 1.5     | -0.6         | 0.38         | 95.8  |
| 600   | 17.1  | SW   | 1.3     | 1.4          | 2.38         | 93.9  |
| 700   | 18.5  | WSW  | 2.9     | 0.1          | 1.08         | 76.5  |
| 800   | 18.6  | WSW  | 3.2     | -0.8         | 0.18         | 57.7  |
| 900   | 17.8  | WSW  | 1.9     | -0.4         | 0.58         | 59.1  |
| 1000  | 17.4  | W    | 2.8     | -0.3         | 0.68         | 48.8  |
| 1100  | 17.1  | W    | 4.2     | -0.4         | 0.58         | 37.1  |
| 1200  | 16.7  | WNW  | 3.4     | -0.6         | 0.38         | 34.8  |
| 1300  | 16.1  | WNW  | 3.8     | -0.6         | 0.38         | 33.7  |
| 1400  | 15.5  | W    | 5.7     | -0.3         | 0.68         | 29.3  |
| 1500  | 15.2  | W    | 5.8     | ---          | ---          | 26.1  |

年月日：2017/07/25 3時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 15.0  | CALM | 0.1     | 0.4          | 1.38         | 96.9  |
| 100   | 15.2  | CALM | 0.3     | 0.4          | 1.38         | 97.4  |
| 150   | 15.4  | SW   | 0.5     | 4.2          | 5.18         | 97.8  |
| 200   | 17.5  | SSW  | 2.3     | 0.8          | 1.78         | 95.3  |
| 250   | 17.9  | S    | 1.3     | -0.8         | 0.18         | 93.5  |
| 300   | 17.5  | SSE  | 0.9     | 0.4          | 1.38         | 92.2  |
| 350   | 17.7  | SE   | 1.2     | -0.2         | 0.78         | 92.8  |
| 400   | 17.6  | SE   | 1.5     | 0.6          | 1.58         | 90.4  |
| 450   | 17.9  | SSE  | 1.7     | -0.6         | 0.38         | 89.9  |
| 500   | 17.6  | SSW  | 1.5     | 0.5          | 1.48         | 86.0  |
| 600   | 18.1  | W    | 2.4     | 0.2          | 1.18         | 74.4  |
| 700   | 18.3  | W    | 2.9     | -0.3         | 0.68         | 58.5  |
| 800   | 18.0  | WNW  | 3.2     | -0.7         | 0.28         | 48.7  |
| 900   | 17.3  | WNW  | 3.8     | -0.1         | 0.88         | 48.5  |
| 1000  | 17.2  | W    | 4.7     | -0.3         | 0.68         | 53.1  |
| 1100  | 16.9  | W    | 5.6     | -0.6         | 0.38         | 49.5  |
| 1200  | 16.3  | W    | 6.5     | -0.2         | 0.78         | 46.9  |
| 1300  | 16.1  | W    | 6.8     | -0.6         | 0.38         | 43.6  |
| 1400  | 15.5  | W    | 6.5     | -0.7         | 0.28         | 38.6  |
| 1500  | 14.8  | W    | 7.0     | ---          | ---          | 48.9  |

年月日：2017/07/25 6時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 18.6  | CALM | 0.4     | -1.4         | -0.42        | 86.3  |
| 100   | 17.9  | ESE  | 1.0     | -1.4         | -0.42        | 85.7  |
| 150   | 17.2  | ESE  | 1.6     | 2.0          | 2.98         | 85.2  |
| 200   | 18.2  | S    | 1.4     | 0.2          | 1.18         | 79.5  |
| 250   | 18.3  | WSW  | 1.7     | 0.8          | 1.78         | 73.9  |
| 300   | 18.7  | W    | 2.0     | 2.4          | 3.38         | 70.0  |
| 350   | 19.9  | NW   | 2.4     | -0.2         | 0.78         | 65.3  |
| 400   | 19.8  | NW   | 2.9     | 0.2          | 1.18         | 62.0  |
| 450   | 19.9  | NW   | 2.9     | -1.0         | -0.02        | 59.6  |
| 500   | 19.4  | WNW  | 3.5     | -0.3         | 0.68         | 58.5  |
| 600   | 19.1  | WNW  | 3.2     | 0.2          | 1.18         | 58.0  |
| 700   | 19.3  | NW   | 2.4     | -0.7         | 0.28         | 50.5  |
| 800   | 18.6  | NW   | 4.1     | -0.8         | 0.18         | 57.7  |
| 900   | 17.8  | NW   | 4.1     | -1.0         | -0.02        | 60.9  |
| 1000  | 16.8  | NW   | 4.8     | -0.5         | 0.48         | 62.7  |
| 1100  | 16.3  | WNW  | 7.8     | -0.3         | 0.68         | 68.6  |
| 1200  | 16.0  | WNW  | 11.4    | -0.1         | 0.88         | 74.9  |
| 1300  | 15.9  | WNW  | 12.4    | -0.4         | 0.58         | 72.4  |
| 1400  | 15.5  | WNW  | 11.6    | -0.2         | 0.78         | 68.6  |
| 1500  | 15.3  | WNW  | 10.9    | ---          | ---          | 62.7  |

年月日：2017/07/25 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 23.4  | SE  | 0.5     | -2.6         | -1.62        | 60.5  |
| 100   | 22.1  | SE  | 1.1     | -2.4         | -1.42        | 60.0  |
| 150   | 20.9  | SE  | 1.7     | 1.2          | 2.18         | 59.5  |
| 200   | 21.5  | ENE | 1.4     | -1.0         | -0.02        | 67.6  |
| 250   | 21.0  | ENE | 2.1     | -0.8         | 0.18         | 71.3  |
| 300   | 20.6  | ENE | 2.0     | -1.4         | -0.42        | 73.2  |
| 350   | 19.9  | ENE | 1.6     | -0.8         | 0.18         | 73.9  |
| 400   | 19.5  | NE  | 1.4     | -0.8         | 0.18         | 76.5  |
| 450   | 19.1  | ENE | 1.4     | -0.6         | 0.38         | 72.9  |
| 500   | 18.8  | E   | 1.7     | -0.1         | 0.88         | 74.0  |
| 600   | 18.7  | ESE | 1.3     | -1.0         | -0.02        | 70.8  |
| 700   | 17.7  | E   | 0.6     | -0.9         | 0.08         | 71.1  |
| 800   | 16.8  | WSW | 1.3     | -0.7         | 0.28         | 78.2  |
| 900   | 16.1  | W   | 3.9     | -0.1         | 0.88         | 82.4  |
| 1000  | 16.0  | W   | 6.5     | -0.5         | 0.48         | 83.6  |
| 1100  | 15.5  | W   | 7.5     | -0.7         | 0.28         | 82.4  |
| 1200  | 14.8  | W   | 8.1     | -0.8         | 0.18         | 82.5  |
| 1300  | 14.0  | W   | 8.0     | -0.8         | 0.18         | 86.4  |
| 1400  | 13.2  | W   | 7.7     | 1.9          | 2.88         | 88.1  |
| 1500  | 15.1  | W   | 7.0     | ---          | ---          | 73.7  |

年月日：2017/07/25 12時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 25.7  | CALM | 0.1     | -1.4         | -0.42        | 52.6  |
| 100   | 25.0  | CALM | 0.1     | -1.2         | -0.22        | 51.6  |
| 150   | 24.4  | CALM | 0.2     | -0.8         | 0.18         | 50.7  |
| 200   | 24.0  | S    | 2.0     | -1.0         | -0.02        | 59.4  |
| 250   | 23.5  | S    | 2.4     | -1.0         | -0.02        | 61.9  |
| 300   | 23.0  | S    | 2.3     | -1.0         | -0.02        | 65.4  |
| 350   | 22.5  | S    | 2.4     | -1.0         | -0.02        | 67.2  |
| 400   | 22.0  | SSW  | 2.9     | -0.8         | 0.18         | 68.3  |
| 450   | 21.6  | SSW  | 2.6     | -0.6         | 0.38         | 67.5  |
| 500   | 21.3  | SSW  | 2.5     | -0.7         | 0.28         | 68.1  |
| 600   | 20.6  | SW   | 1.9     | -1.0         | -0.02        | 68.8  |
| 700   | 19.6  | SW   | 2.2     | -1.0         | -0.02        | 70.4  |
| 800   | 18.6  | SW   | 3.1     | -0.6         | 0.38         | 74.9  |
| 900   | 18.0  | WSW  | 3.7     | -0.9         | 0.08         | 78.0  |
| 1000  | 17.1  | WSW  | 4.4     | -0.6         | 0.38         | 81.2  |
| 1100  | 16.5  | WSW  | 4.2     | -1.2         | -0.22        | 81.0  |
| 1200  | 15.3  | WSW  | 4.5     | -0.8         | 0.18         | 87.6  |
| 1300  | 14.5  | WSW  | 5.4     | -0.2         | 0.78         | 89.3  |
| 1400  | 14.3  | WSW  | 7.5     | -0.9         | 0.08         | 86.2  |
| 1500  | 13.4  | WSW  | 9.7     | ---          | ---          | 86.1  |

年月日：2017/07/25 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 25.4  | W   | 1.1     | -1.0         | -0.02        | 49.7  |
| 100   | 24.9  | WSW | 2.5     | -1.2         | -0.22        | 49.7  |
| 150   | 24.3  | WSW | 3.9     | 1.4          | 2.38         | 49.6  |
| 200   | 25.0  | W   | 5.2     | -0.8         | 0.18         | 51.5  |
| 250   | 24.6  | W   | 4.9     | -0.6         | 0.38         | 52.7  |
| 300   | 24.3  | W   | 4.6     | -1.0         | -0.02        | 53.6  |
| 350   | 23.8  | W   | 4.3     | -1.0         | -0.02        | 53.6  |
| 400   | 23.3  | W   | 4.1     | -0.8         | 0.18         | 54.4  |
| 450   | 22.9  | W   | 4.3     | -1.6         | -0.62        | 55.9  |
| 500   | 22.1  | W   | 4.8     | -0.4         | 0.58         | 58.8  |
| 600   | 21.7  | WSW | 5.8     | -1.1         | -0.12        | 58.5  |
| 700   | 20.6  | WSW | 6.2     | -0.6         | 0.38         | 62.2  |
| 800   | 20.0  | WSW | 6.2     | -0.5         | 0.48         | 61.9  |
| 900   | 19.5  | W   | 5.6     | -0.9         | 0.08         | 59.1  |
| 1000  | 18.6  | W   | 5.1     | -1.0         | -0.02        | 61.5  |
| 1100  | 17.6  | W   | 5.3     | -0.8         | 0.18         | 64.8  |
| 1200  | 16.8  | W   | 5.3     | -0.9         | 0.08         | 67.0  |
| 1300  | 15.9  | W   | 5.1     | -0.9         | 0.08         | 69.1  |
| 1400  | 15.0  | W   | 5.1     | -1.0         | -0.02        | 72.4  |
| 1500  | 14.0  | W   | 5.2     | ---          | ---          | 76.9  |

年月日：2017/07/25 18時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 23.2  | CALM | 0.4     | -0.8         | 0.18         | 75.3  |
| 100   | 22.8  | NE   | 0.8     | -1.0         | -0.02        | 75.2  |
| 150   | 22.3  | NNE  | 1.6     | 0.4          | 1.38         | 75.8  |
| 200   | 22.5  | NNE  | 1.5     | -0.8         | 0.18         | 77.7  |
| 250   | 22.1  | N    | 2.5     | -0.6         | 0.38         | 80.1  |
| 300   | 21.8  | NNE  | 3.6     | -0.4         | 0.58         | 81.4  |
| 350   | 21.6  | NNE  | 5.1     | -2.4         | -1.42        | 82.1  |
| 400   | 20.4  | N    | 5.9     | -1.0         | -0.02        | 84.1  |
| 450   | 19.9  | N    | 6.4     | -0.6         | 0.38         | 87.1  |
| 500   | 19.6  | N    | 6.1     | -0.2         | 0.78         | 89.3  |
| 600   | 19.4  | N    | 4.1     | -0.7         | 0.28         | 90.4  |
| 700   | 18.7  | N    | 3.4     | 0.1          | 1.08         | 88.4  |
| 800   | 18.8  | NW   | 2.5     | -0.8         | 0.18         | 82.7  |
| 900   | 18.0  | WNW  | 2.8     | -0.9         | 0.08         | 81.3  |
| 1000  | 17.1  | W    | 2.9     | -0.9         | 0.08         | 83.0  |
| 1100  | 16.2  | W    | 3.9     | -0.6         | 0.38         | 83.7  |
| 1200  | 15.6  | W    | 4.8     | -1.0         | -0.02        | 83.6  |
| 1300  | 14.6  | W    | 4.9     | -0.8         | 0.18         | 86.0  |
| 1400  | 13.8  | WSW  | 5.1     | -0.9         | 0.08         | 88.8  |
| 1500  | 12.9  | WSW  | 5.5     | ---          | ---          | 93.1  |

年月日：2017/07/25 21時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 19.4  | CALM | 0.2     | -0.4         | 0.58         | 87.8  |
| 100   | 19.2  | CALM | 0.3     | -0.6         | 0.38         | 85.5  |
| 150   | 18.9  | NNE  | 0.5     | 2.2          | 3.18         | 83.1  |
| 200   | 20.0  | NE   | 0.9     | -1.0         | -0.02        | 81.0  |
| 250   | 19.5  | ESE  | 0.9     | -1.0         | -0.02        | 82.2  |
| 300   | 19.0  | ENE  | 0.7     | -0.6         | 0.38         | 83.8  |
| 350   | 18.7  | N    | 0.9     | -0.2         | 0.78         | 86.4  |
| 400   | 18.6  | NNW  | 1.8     | -0.2         | 0.78         | 86.5  |
| 450   | 18.5  | NNW  | 1.8     | -1.4         | -0.42        | 87.5  |
| 500   | 17.8  | NNW  | 2.3     | -0.9         | 0.08         | 88.8  |
| 600   | 16.9  | NW   | 1.9     | -0.4         | 0.58         | 91.1  |
| 700   | 16.5  | W    | 3.4     | -0.6         | 0.38         | 98.3  |
| 800   | 15.9  | W    | 5.0     | -0.3         | 0.68         | 98.7  |
| 900   | 15.6  | W    | 6.6     | -0.3         | 0.68         | 94.6  |
| 1000  | 15.3  | W    | 7.6     | -0.4         | 0.58         | 87.1  |
| 1100  | 14.9  | W    | 8.2     | -0.7         | 0.28         | 81.4  |
| 1200  | 14.2  | W    | 7.7     | -0.9         | 0.08         | 81.0  |
| 1300  | 13.3  | W    | 8.1     | -0.2         | 0.78         | 88.9  |
| 1400  | 13.1  | W    | 8.8     | -1.0         | -0.02        | 73.8  |
| 1500  | 12.1  | W    | 8.7     | ---          | ---          | 74.6  |

年月日：2017/07/26 0時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 16.9  | SE  | 0.8     | -0.4         | 0.58         | 92.8  |
| 100   | 16.7  | SE  | 1.8     | -0.4         | 0.58         | 91.5  |
| 150   | 16.5  | SE  | 2.8     | 4.2          | 5.18         | 90.2  |
| 200   | 18.6  | WSW | 1.9     | -0.6         | 0.38         | 77.5  |
| 250   | 18.3  | W   | 2.6     | 0.8          | 1.78         | 74.8  |
| 300   | 18.7  | W   | 3.9     | 0.0          | 0.98         | 71.2  |
| 350   | 18.7  | W   | 5.0     | -0.6         | 0.38         | 66.1  |
| 400   | 18.4  | W   | 4.7     | -0.4         | 0.58         | 64.7  |
| 450   | 18.2  | W   | 3.6     | -0.8         | 0.18         | 62.3  |
| 500   | 17.8  | WNW | 2.9     | -0.9         | 0.08         | 61.9  |
| 600   | 16.9  | NNW | 3.0     | -0.8         | 0.18         | 66.6  |
| 700   | 16.1  | NW  | 3.1     | -0.8         | 0.18         | 67.8  |
| 800   | 15.3  | WNW | 3.8     | -0.5         | 0.48         | 68.4  |
| 900   | 14.8  | WNW | 4.8     | -0.7         | 0.28         | 62.2  |
| 1000  | 14.1  | WNW | 7.1     | -0.9         | 0.08         | 57.1  |
| 1100  | 13.2  | WNW | 8.6     | -0.7         | 0.28         | 59.5  |
| 1200  | 12.5  | WNW | 9.0     | -0.8         | 0.18         | 57.5  |
| 1300  | 11.7  | WNW | 8.6     | -0.7         | 0.28         | 59.9  |
| 1400  | 11.0  | WNW | 8.4     | -0.3         | 0.68         | 60.7  |
| 1500  | 10.7  | WNW | 9.3     | ---          | ---          | 57.4  |

年月日：2017/07/26 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 13.7  | SW  | 0.6     | 0.6          | 1.58         | 94.3  |
| 100   | 14.0  | SW  | 1.4     | 0.8          | 1.78         | 93.6  |
| 150   | 14.4  | SW  | 2.2     | 2.4          | 3.38         | 92.9  |
| 200   | 15.6  | WSW | 4.5     | 0.6          | 1.58         | 85.6  |
| 250   | 15.9  | W   | 6.0     | 4.0          | 4.98         | 81.9  |
| 300   | 17.9  | W   | 6.9     | 1.0          | 1.98         | 70.5  |
| 350   | 18.4  | W   | 6.8     | 0.0          | 0.98         | 61.4  |
| 400   | 18.4  | WNW | 5.8     | -0.4         | 0.58         | 53.3  |
| 450   | 18.2  | WNW | 5.5     | -1.0         | -0.02        | 51.0  |
| 500   | 17.7  | NW  | 5.2     | -0.7         | 0.28         | 51.2  |
| 600   | 17.0  | NW  | 5.5     | -0.7         | 0.28         | 51.0  |
| 700   | 16.3  | NW  | 6.0     | -0.9         | 0.08         | 50.5  |
| 800   | 15.4  | NW  | 7.0     | -0.9         | 0.08         | 51.6  |
| 900   | 14.5  | NW  | 7.5     | -1.0         | -0.02        | 53.5  |
| 1000  | 13.5  | NW  | 7.6     | -0.8         | 0.18         | 58.3  |
| 1100  | 12.7  | NW  | 8.3     | -0.7         | 0.28         | 59.0  |
| 1200  | 12.0  | NW  | 8.9     | -0.8         | 0.18         | 58.9  |
| 1300  | 11.2  | NW  | 9.9     | -0.9         | 0.08         | 58.9  |
| 1400  | 10.3  | NW  | 9.9     | -0.7         | 0.28         | 60.7  |
| 1500  | 9.6   | NW  | 9.8     | ---          | ---          | 60.0  |

年月日：2017/07/26 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 16.1  | SE  | 0.7     | -0.4         | 0.58         | 74.3  |
| 100   | 15.9  | SE  | 1.7     | -0.2         | 0.78         | 71.6  |
| 150   | 15.8  | SE  | 2.6     | 1.0          | 1.98         | 69.0  |
| 200   | 16.3  | SW  | 2.7     | 2.8          | 3.78         | 67.8  |
| 250   | 17.7  | W   | 5.8     | 0.6          | 1.58         | 69.3  |
| 300   | 18.0  | WNW | 6.3     | 0.0          | 0.98         | 64.3  |
| 350   | 18.0  | WNW | 5.3     | 0.0          | 0.98         | 60.8  |
| 400   | 18.0  | WNW | 4.0     | -0.8         | 0.18         | 53.4  |
| 450   | 17.6  | WNW | 3.0     | -0.4         | 0.58         | 51.4  |
| 500   | 17.4  | WNW | 2.2     | -0.5         | 0.48         | 47.8  |
| 600   | 16.9  | NW  | 2.4     | -0.9         | 0.08         | 47.6  |
| 700   | 16.0  | NW  | 3.2     | -0.7         | 0.28         | 49.1  |
| 800   | 15.3  | NW  | 5.0     | -0.8         | 0.18         | 49.2  |
| 900   | 14.5  | NW  | 5.8     | -0.6         | 0.38         | 50.3  |
| 1000  | 13.9  | NW  | 7.3     | -0.9         | 0.08         | 51.9  |
| 1100  | 13.0  | NW  | 8.4     | -0.8         | 0.18         | 54.0  |
| 1200  | 12.2  | NW  | 9.4     | -0.8         | 0.18         | 54.6  |
| 1300  | 11.4  | NW  | 10.4    | -1.0         | -0.02        | 54.2  |
| 1400  | 10.4  | NW  | 11.2    | -0.9         | 0.08         | 57.5  |
| 1500  | 9.5   | NW  | 11.5    | ---          | ---          | 64.7  |

年月日：2017/07/26 9時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 22.8  | CALM | 0.2     | -1.2         | -0.22        | 36.2  |
| 100   | 22.2  | SSE  | 0.5     | -1.0         | -0.02        | 36.5  |
| 150   | 21.7  | SSE  | 0.8     | -0.2         | 0.78         | 36.9  |
| 200   | 21.6  | ENE  | 1.9     | -0.8         | 0.18         | 40.5  |
| 250   | 21.2  | NE   | 2.0     | -1.2         | -0.22        | 43.7  |
| 300   | 20.6  | ENE  | 1.6     | -1.4         | -0.42        | 45.4  |
| 350   | 19.9  | NE   | 2.0     | -0.8         | 0.18         | 47.2  |
| 400   | 19.5  | ENE  | 1.8     | -0.8         | 0.18         | 49.4  |
| 450   | 19.1  | ENE  | 2.2     | -1.0         | -0.02        | 51.3  |
| 500   | 18.6  | ENE  | 2.0     | -1.0         | -0.02        | 51.3  |
| 600   | 17.6  | NNE  | 1.3     | -1.0         | -0.02        | 54.5  |
| 700   | 16.6  | NE   | 0.8     | -1.0         | -0.02        | 58.4  |
| 800   | 15.6  | NE   | 1.6     | -0.8         | 0.18         | 59.7  |
| 900   | 14.8  | N    | 2.9     | -1.0         | -0.02        | 63.2  |
| 1000  | 13.8  | NNW  | 2.6     | -0.7         | 0.28         | 65.6  |
| 1100  | 13.1  | NW   | 3.7     | -0.9         | 0.08         | 66.0  |
| 1200  | 12.2  | WNW  | 5.4     | -0.4         | 0.58         | 67.6  |
| 1300  | 11.8  | WNW  | 6.5     | -0.7         | 0.28         | 64.8  |
| 1400  | 11.1  | WNW  | 8.8     | -1.0         | -0.02        | 63.6  |
| 1500  | 10.1  | WNW  | 9.2     | ---          | ---          | 65.7  |

年月日：2017/07/26 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 23.4  | NNW | 1.6     | -1.6         | -0.62        | 47.2  |
| 100   | 22.6  | NNW | 3.4     | -1.8         | -0.82        | 48.2  |
| 150   | 21.7  | NNW | 5.1     | 0.8          | 1.78         | 49.1  |
| 200   | 22.1  | N   | 6.4     | 0.0          | 0.98         | 57.7  |
| 250   | 22.1  | N   | 6.3     | -2.8         | -1.82        | 58.8  |
| 300   | 20.7  | N   | 7.1     | -0.6         | 0.38         | 62.8  |
| 350   | 20.4  | N   | 6.8     | -1.0         | -0.02        | 65.5  |
| 400   | 19.9  | N   | 6.5     | -1.2         | -0.22        | 66.3  |
| 450   | 19.3  | N   | 6.6     | -1.2         | -0.22        | 67.6  |
| 500   | 18.7  | N   | 6.2     | -0.8         | 0.18         | 70.2  |
| 600   | 17.9  | N   | 6.2     | -0.9         | 0.08         | 74.9  |
| 700   | 17.0  | NNE | 5.3     | -0.8         | 0.18         | 75.5  |
| 800   | 16.2  | NNE | 4.6     | -1.0         | -0.02        | 77.2  |
| 900   | 15.2  | NNE | 3.1     | -1.1         | -0.12        | 82.9  |
| 1000  | 14.1  | NNE | 1.5     | -0.9         | 0.08         | 87.2  |
| 1100  | 13.2  | WSW | 0.6     | 0.1          | 1.08         | 93.2  |
| 1200  | 13.3  | WSW | 1.6     | -1.0         | -0.02        | 81.5  |
| 1300  | 12.3  | WSW | 1.9     | -0.6         | 0.38         | 83.1  |
| 1400  | 11.7  | W   | 3.7     | -0.6         | 0.38         | 82.0  |
| 1500  | 11.1  | W   | 5.0     | ---          | ---          | 80.7  |

年月日：2017/07/26 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 22.7  | NNW | 0.6     | -1.4         | -0.42        | 51.4  |
| 100   | 22.0  | NNW | 1.3     | -1.4         | -0.42        | 50.9  |
| 150   | 21.3  | NNW | 2.0     | 0.8          | 1.78         | 50.3  |
| 200   | 21.7  | N   | 4.2     | -0.8         | 0.18         | 55.3  |
| 250   | 21.3  | N   | 4.3     | 0.0          | 0.98         | 57.8  |
| 300   | 21.3  | NNE | 4.6     | -2.4         | -1.42        | 58.5  |
| 350   | 20.1  | NNE | 4.9     | -1.0         | -0.02        | 60.0  |
| 400   | 19.6  | NNE | 4.8     | -0.8         | 0.18         | 62.8  |
| 450   | 19.2  | NNE | 5.2     | -1.0         | -0.02        | 64.2  |
| 500   | 18.7  | N   | 4.7     | -1.0         | -0.02        | 65.7  |
| 600   | 17.7  | N   | 3.9     | -0.7         | 0.28         | 70.9  |
| 700   | 17.0  | N   | 2.9     | -1.0         | -0.02        | 71.8  |
| 800   | 16.0  | N   | 2.0     | -0.5         | 0.48         | 76.4  |
| 900   | 15.5  | W   | 0.5     | -0.4         | 0.58         | 80.9  |
| 1000  | 15.1  | SSW | 2.5     | 0.0          | 0.98         | 80.3  |
| 1100  | 15.1  | SW  | 3.7     | -0.7         | 0.28         | 77.3  |
| 1200  | 14.4  | WSW | 3.9     | -0.6         | 0.38         | 74.3  |
| 1300  | 13.8  | WSW | 4.7     | -0.8         | 0.18         | 73.9  |
| 1400  | 13.0  | WSW | 5.2     | -0.8         | 0.18         | 73.5  |
| 1500  | 12.2  | WSW | 5.7     | ---          | ---          | 74.7  |

年月日：2017/07/26 18時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 21.5  | CALM | 0.1     | -0.8         | 0.18         | 70.0  |
| 100   | 21.1  | CALM | 0.2     | -0.8         | 0.18         | 68.2  |
| 150   | 20.7  | CALM | 0.4     | 0.0          | 0.98         | 66.5  |
| 200   | 20.7  | N    | 1.8     | -0.4         | 0.58         | 66.3  |
| 250   | 20.5  | N    | 3.0     | 0.6          | 1.58         | 67.1  |
| 300   | 20.8  | N    | 3.5     | -2.8         | -1.82        | 68.6  |
| 350   | 19.4  | N    | 3.5     | -0.8         | 0.18         | 68.0  |
| 400   | 19.0  | N    | 3.4     | -1.0         | -0.02        | 70.0  |
| 450   | 18.5  | NNE  | 3.8     | -1.0         | -0.02        | 71.8  |
| 500   | 18.0  | N    | 3.7     | -0.9         | 0.08         | 74.4  |
| 600   | 17.1  | NNE  | 2.7     | -0.9         | 0.08         | 77.4  |
| 700   | 16.2  | NNE  | 2.0     | -0.7         | 0.28         | 79.2  |
| 800   | 15.5  | NNE  | 1.0     | -0.2         | 0.78         | 83.3  |
| 900   | 15.3  | SSW  | 1.0     | 0.3          | 1.28         | 85.2  |
| 1000  | 15.6  | W    | 2.6     | -0.3         | 0.68         | 70.6  |
| 1100  | 15.3  | W    | 3.2     | -0.4         | 0.58         | 58.9  |
| 1200  | 14.9  | W    | 2.7     | -1.0         | -0.02        | 53.7  |
| 1300  | 13.9  | W    | 2.9     | -1.1         | -0.12        | 60.5  |
| 1400  | 12.8  | W    | 3.2     | 0.0          | 0.98         | 76.6  |
| 1500  | 12.8  | WNW  | 2.7     | ---          | ---          | 57.0  |

年月日：2017/07/26 21時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 16.7  | CALM | 0.3     | -1.4         | -0.42        | 92.8  |
| 100   | 16.0  | ENE  | 0.7     | 1.6          | 2.58         | 92.1  |
| 150   | 16.8  | SSE  | 2.4     | 1.8          | 2.78         | 92.3  |
| 200   | 17.7  | SW   | 2.9     | 1.2          | 2.18         | 90.9  |
| 250   | 18.3  | W    | 1.9     | 0.4          | 1.38         | 84.5  |
| 300   | 18.5  | WNW  | 1.9     | -0.8         | 0.18         | 80.9  |
| 350   | 18.1  | NNW  | 2.3     | -0.8         | 0.18         | 80.3  |
| 400   | 17.7  | N    | 2.3     | -0.8         | 0.18         | 81.6  |
| 450   | 17.3  | N    | 2.6     | -0.8         | 0.18         | 83.0  |
| 500   | 16.9  | N    | 3.4     | -0.2         | 0.78         | 84.7  |
| 600   | 16.7  | NNW  | 4.2     | -0.7         | 0.28         | 75.9  |
| 700   | 16.0  | NNW  | 2.7     | -0.6         | 0.38         | 75.9  |
| 800   | 15.4  | NNW  | 1.8     | -0.1         | 0.88         | 78.1  |
| 900   | 15.3  | WNW  | 2.2     | 0.5          | 1.48         | 75.6  |
| 1000  | 15.8  | WSW  | 1.1     | 0.0          | 0.98         | 69.4  |
| 1100  | 15.8  | NNW  | 0.8     | -0.6         | 0.38         | 51.3  |
| 1200  | 15.2  | NE   | 1.1     | -0.8         | 0.18         | 49.3  |
| 1300  | 14.4  | E    | 2.1     | -0.7         | 0.28         | 50.6  |
| 1400  | 13.7  | ESE  | 1.6     | -0.2         | 0.78         | 50.8  |
| 1500  | 13.5  | E    | 1.0     | ---          | ---          | 41.5  |

年月日：2017/07/27 0時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 13.5  | CALM | 0.1     | 0.0          | 0.98         | 94.7  |
| 100   | 13.5  | CALM | 0.1     | 4.0          | 4.98         | 94.5  |
| 150   | 15.5  | SSW  | 1.8     | 0.6          | 1.58         | 90.4  |
| 200   | 15.8  | WSW  | 4.4     | 4.6          | 5.58         | 82.2  |
| 250   | 18.1  | W    | 5.2     | 0.6          | 1.58         | 78.4  |
| 300   | 18.4  | W    | 4.7     | 0.6          | 1.58         | 73.5  |
| 350   | 18.7  | W    | 3.1     | -1.0         | -0.02        | 68.0  |
| 400   | 18.2  | WNW  | 1.7     | -0.4         | 0.58         | 67.3  |
| 450   | 18.0  | NNE  | 1.4     | -0.8         | 0.18         | 64.3  |
| 500   | 17.6  | NNE  | 1.8     | -0.3         | 0.68         | 64.0  |
| 600   | 17.3  | NNE  | 2.4     | -0.8         | 0.18         | 61.1  |
| 700   | 16.5  | NE   | 1.1     | 0.1          | 1.08         | 67.5  |
| 800   | 16.6  | SE   | 1.6     | -0.8         | 0.18         | 68.1  |
| 900   | 15.8  | SE   | 2.6     | -0.1         | 0.88         | 71.8  |
| 1000  | 15.7  | SSE  | 3.2     | -0.7         | 0.28         | 62.2  |
| 1100  | 15.0  | SSE  | 2.8     | -0.4         | 0.58         | 69.2  |
| 1200  | 14.6  | SSE  | 2.5     | -0.5         | 0.48         | 55.7  |
| 1300  | 14.1  | SSE  | 3.6     | 0.1          | 1.08         | 54.4  |
| 1400  | 14.2  | S    | 3.8     | 0.0          | 0.98         | 43.7  |
| 1500  | 14.2  | S    | 2.9     | ---          | ---          | 33.2  |

年月日：2017/07/27 3時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 15.0  | NW   | 0.7     | -0.4         | 0.58         | 89.0  |
| 100   | 14.8  | NW   | 1.5     | 0.0          | 0.98         | 86.2  |
| 150   | 14.8  | W    | 2.5     | 0.2          | 1.18         | 82.5  |
| 200   | 14.9  | W    | 5.1     | 4.2          | 5.18         | 79.3  |
| 250   | 17.0  | W    | 3.3     | 1.4          | 2.38         | 73.6  |
| 300   | 17.7  | W    | 2.6     | 0.2          | 1.18         | 70.5  |
| 350   | 17.8  | W    | 0.9     | -1.0         | -0.02        | 70.0  |
| 400   | 17.3  | CALM | 0.4     | -1.0         | -0.02        | 70.6  |
| 450   | 16.8  | E    | 0.7     | 0.6          | 1.58         | 76.5  |
| 500   | 17.1  | ENE  | 1.0     | -0.1         | 0.88         | 72.9  |
| 600   | 17.0  | ENE  | 2.4     | -0.6         | 0.38         | 61.7  |
| 700   | 16.4  | ESE  | 1.7     | -0.4         | 0.58         | 68.6  |
| 800   | 16.0  | SSE  | 2.4     | -0.1         | 0.88         | 73.0  |
| 900   | 15.9  | SSE  | 3.5     | -0.6         | 0.38         | 69.3  |
| 1000  | 15.3  | SSE  | 3.6     | -0.3         | 0.68         | 61.6  |
| 1100  | 15.0  | SSE  | 4.4     | -0.6         | 0.38         | 65.3  |
| 1200  | 14.4  | SSE  | 5.2     | -0.4         | 0.58         | 64.1  |
| 1300  | 14.0  | S    | 5.8     | -0.1         | 0.88         | 60.4  |
| 1400  | 13.9  | S    | 6.0     | -0.4         | 0.58         | 46.4  |
| 1500  | 13.5  | SSW  | 5.2     | ---          | ---          | 42.2  |

年月日：2017/07/27 6時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 15.6  | SW  | 0.8     | -0.6         | 0.38         | 79.9  |
| 100   | 15.3  | SW  | 1.8     | -0.6         | 0.38         | 77.6  |
| 150   | 15.0  | SW  | 2.9     | 0.6          | 1.58         | 75.3  |
| 200   | 15.3  | SW  | 3.8     | 1.0          | 1.98         | 73.8  |
| 250   | 15.8  | SW  | 3.2     | 1.0          | 1.98         | 74.2  |
| 300   | 16.3  | SW  | 3.9     | 3.2          | 4.18         | 76.0  |
| 350   | 17.9  | SSW | 4.6     | 1.0          | 1.98         | 71.2  |
| 400   | 18.4  | SSW | 6.0     | -0.6         | 0.38         | 68.5  |
| 450   | 18.1  | SSW | 6.7     | -0.4         | 0.58         | 66.2  |
| 500   | 17.9  | S   | 6.7     | -1.0         | -0.02        | 65.2  |
| 600   | 16.9  | S   | 6.5     | -0.5         | 0.48         | 65.7  |
| 700   | 16.4  | SSE | 7.7     | -0.4         | 0.58         | 68.0  |
| 800   | 16.0  | SSE | 7.2     | -1.0         | -0.02        | 68.8  |
| 900   | 15.0  | SSE | 6.6     | -1.0         | -0.02        | 72.1  |
| 1000  | 14.0  | SSE | 6.3     | -0.3         | 0.68         | 78.2  |
| 1100  | 13.7  | S   | 6.2     | 0.0          | 0.98         | 79.0  |
| 1200  | 13.7  | SSE | 7.2     | -0.7         | 0.28         | 69.5  |
| 1300  | 13.0  | SSE | 8.0     | -0.4         | 0.58         | 64.6  |
| 1400  | 12.6  | SSE | 7.8     | 0.0          | 0.98         | 67.5  |
| 1500  | 12.6  | S   | 5.9     | ---          | ---          | 51.2  |

年月日：2017/07/27 9時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 22.7  | SSW | 0.9     | -1.8         | -0.82        | 53.9  |
| 100   | 21.8  | SSW | 1.9     | -2.0         | -1.02        | 52.5  |
| 150   | 20.8  | SSW | 2.9     | 0.8          | 1.78         | 51.1  |
| 200   | 21.2  | S   | 4.4     | -1.0         | -0.02        | 56.7  |
| 250   | 20.7  | S   | 6.2     | -0.6         | 0.38         | 58.9  |
| 300   | 20.4  | S   | 7.6     | -1.0         | -0.02        | 57.9  |
| 350   | 19.9  | S   | 9.0     | -0.8         | 0.18         | 59.7  |
| 400   | 19.5  | S   | 9.1     | -1.2         | -0.22        | 60.5  |
| 450   | 18.9  | S   | 9.0     | -1.0         | -0.02        | 62.8  |
| 500   | 18.4  | S   | 9.6     | -0.6         | 0.38         | 65.5  |
| 600   | 17.8  | S   | 10.4    | -0.9         | 0.08         | 65.0  |
| 700   | 16.9  | S   | 10.6    | -0.6         | 0.38         | 67.7  |
| 800   | 16.3  | S   | 11.1    | -0.4         | 0.58         | 68.3  |
| 900   | 15.9  | S   | 11.8    | -0.5         | 0.48         | 68.6  |
| 1000  | 15.4  | SSE | 10.8    | -0.5         | 0.48         | 67.3  |
| 1100  | 14.9  | SSE | 9.5     | 0.7          | 1.68         | 64.9  |
| 1200  | 15.6  | S   | 8.1     | -0.1         | 0.88         | 41.5  |
| 1300  | 15.5  | S   | 6.1     | -0.3         | 0.68         | 34.8  |
| 1400  | 15.2  | SSW | 5.3     | -0.7         | 0.28         | 30.8  |
| 1500  | 14.5  | SSW | 4.8     | ---          | ---          | 28.6  |

年月日：2017/07/27 12時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 25.4  | SSE | 1.1     | -1.6         | -0.62        | 45.6  |
| 100   | 24.6  | SSE | 2.4     | -1.6         | -0.62        | 46.3  |
| 150   | 23.8  | SSE | 3.7     | -1.4         | -0.42        | 47.0  |
| 200   | 23.1  | SE  | 6.4     | -0.8         | 0.18         | 51.0  |
| 250   | 22.7  | SSE | 7.7     | -1.4         | -0.42        | 54.3  |
| 300   | 22.0  | SSE | 7.9     | -0.8         | 0.18         | 56.5  |
| 350   | 21.6  | SSE | 7.7     | -1.0         | -0.02        | 57.5  |
| 400   | 21.1  | SSE | 7.2     | -1.0         | -0.02        | 59.2  |
| 450   | 20.6  | SSE | 6.4     | -0.8         | 0.18         | 60.5  |
| 500   | 20.2  | SSE | 5.7     | -0.8         | 0.18         | 61.9  |
| 600   | 19.4  | SSE | 4.6     | -1.0         | -0.02        | 65.5  |
| 700   | 18.4  | S   | 4.6     | -0.9         | 0.08         | 67.9  |
| 800   | 17.5  | S   | 5.0     | -1.0         | -0.02        | 72.2  |
| 900   | 16.5  | S   | 5.1     | -0.8         | 0.18         | 76.5  |
| 1000  | 15.7  | S   | 5.8     | -1.0         | -0.02        | 80.2  |
| 1100  | 14.7  | S   | 7.1     | 0.5          | 1.48         | 82.6  |
| 1200  | 15.2  | S   | 8.3     | -0.6         | 0.38         | 60.1  |
| 1300  | 14.6  | S   | 8.4     | 1.9          | 2.88         | 65.4  |
| 1400  | 16.5  | S   | 5.7     | -0.8         | 0.18         | 23.1  |
| 1500  | 15.7  | S   | 3.9     | ---          | ---          | 22.2  |

年月日：2017/07/27 15時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 24.0  | SE  | 1.0     | -1.0         | -0.02        | 45.2  |
| 100   | 23.5  | SE  | 2.3     | -1.2         | -0.22        | 44.6  |
| 150   | 22.9  | SE  | 3.5     | 1.4          | 2.38         | 44.0  |
| 200   | 23.6  | S   | 5.8     | -0.8         | 0.18         | 43.5  |
| 250   | 23.2  | S   | 5.1     | -0.8         | 0.18         | 44.8  |
| 300   | 22.8  | S   | 4.8     | -1.2         | -0.22        | 45.6  |
| 350   | 22.2  | S   | 3.8     | -1.0         | -0.02        | 46.7  |
| 400   | 21.7  | SSW | 4.2     | -0.8         | 0.18         | 47.8  |
| 450   | 21.3  | SSW | 4.5     | -1.0         | -0.02        | 49.0  |
| 500   | 20.8  | SSW | 5.1     | -0.9         | 0.08         | 48.8  |
| 600   | 19.9  | S   | 6.8     | -0.9         | 0.08         | 47.9  |
| 700   | 19.0  | S   | 9.0     | -0.8         | 0.18         | 46.4  |
| 800   | 18.2  | S   | 10.0    | -0.8         | 0.18         | 47.7  |
| 900   | 17.4  | S   | 10.2    | -0.8         | 0.18         | 47.4  |
| 1000  | 16.6  | S   | 10.4    | -0.7         | 0.28         | 47.6  |
| 1100  | 15.9  | S   | 9.6     | -0.8         | 0.18         | 47.6  |
| 1200  | 15.1  | SSE | 8.9     | -0.3         | 0.68         | 47.5  |
| 1300  | 14.8  | SSE | 7.4     | -0.2         | 0.78         | 34.8  |
| 1400  | 14.6  | SSE | 6.5     | 0.0          | 0.98         | 45.6  |
| 1500  | 14.6  | SSE | 7.2     | ---          | ---          | 32.8  |

年月日：2017/07/27 18時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 20.6  | S   | 1.2     | -0.4         | 0.58         | 55.7  |
| 100   | 20.4  | S   | 2.7     | -0.6         | 0.38         | 54.5  |
| 150   | 20.1  | S   | 4.2     | 1.2          | 2.18         | 53.3  |
| 200   | 20.7  | S   | 6.9     | -0.6         | 0.38         | 52.2  |
| 250   | 20.4  | SSW | 7.4     | -0.6         | 0.38         | 52.4  |
| 300   | 20.1  | SSW | 8.2     | -1.2         | -0.22        | 52.1  |
| 350   | 19.5  | S   | 9.0     | -0.6         | 0.38         | 53.3  |
| 400   | 19.2  | S   | 9.6     | -0.6         | 0.38         | 53.0  |
| 450   | 18.9  | S   | 9.7     | -1.0         | -0.02        | 53.0  |
| 500   | 18.4  | S   | 10.2    | -0.6         | 0.38         | 53.6  |
| 600   | 17.8  | S   | 10.8    | -0.6         | 0.38         | 53.6  |
| 700   | 17.2  | S   | 11.7    | 0.2          | 1.18         | 52.2  |
| 800   | 17.4  | SSE | 12.0    | 0.3          | 1.28         | 51.9  |
| 900   | 17.7  | SSE | 11.3    | -0.5         | 0.48         | 56.3  |
| 1000  | 17.2  | SSE | 10.8    | -0.3         | 0.68         | 46.4  |
| 1100  | 16.9  | SSE | 10.3    | 0.3          | 1.28         | 47.6  |
| 1200  | 17.2  | SSE | 9.3     | -0.9         | 0.08         | 30.8  |
| 1300  | 16.3  | SSE | 8.7     | -0.9         | 0.08         | 26.9  |
| 1400  | 15.4  | SSE | 8.0     | -0.7         | 0.28         | 26.5  |
| 1500  | 14.7  | SSE | 7.1     | ---          | ---          | 25.0  |

年月日：2017/07/27 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 18.8  | SSW | 0.9     | 0.6          | 1.58         | 70.3  |
| 100   | 19.1  | SSW | 2.1     | 0.8          | 1.78         | 65.6  |
| 150   | 19.5  | SSW | 3.2     | 0.4          | 1.38         | 60.9  |
| 200   | 19.7  | S   | 6.2     | -0.2         | 0.78         | 55.3  |
| 250   | 19.6  | S   | 6.1     | 0.2          | 1.18         | 52.8  |
| 300   | 19.7  | S   | 5.6     | -0.4         | 0.58         | 48.6  |
| 350   | 19.5  | S   | 4.9     | -0.6         | 0.38         | 47.3  |
| 400   | 19.2  | SSW | 4.4     | -0.4         | 0.58         | 46.8  |
| 450   | 19.0  | SSW | 5.0     | -1.0         | -0.02        | 46.5  |
| 500   | 18.5  | SSW | 5.8     | -0.9         | 0.08         | 46.4  |
| 600   | 17.6  | SSW | 7.5     | -0.6         | 0.38         | 48.3  |
| 700   | 17.0  | S   | 10.2    | 1.4          | 2.38         | 48.0  |
| 800   | 18.4  | S   | 11.6    | 0.1          | 1.08         | 29.1  |
| 900   | 18.5  | S   | 9.8     | -0.2         | 0.78         | 23.1  |
| 1000  | 18.3  | S   | 9.6     | -0.9         | 0.08         | 30.8  |
| 1100  | 17.4  | SSE | 9.0     | -0.8         | 0.18         | 45.1  |
| 1200  | 16.6  | SSE | 8.6     | -0.9         | 0.08         | 56.9  |
| 1300  | 15.7  | SSE | 8.6     | -0.7         | 0.28         | 58.0  |
| 1400  | 15.0  | SSE | 8.6     | -0.8         | 0.18         | 61.1  |
| 1500  | 14.2  | SSE | 8.8     | ---          | ---          | 62.9  |

年月日：2017/07/28 0時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 18.0  | CALM | 0.2     | 0.2          | 1.18         | 71.2  |
| 100   | 18.1  | SE   | 0.5     | 1.0          | 1.98         | 69.8  |
| 150   | 18.6  | SE   | 4.9     | 0.0          | 0.98         | 67.5  |
| 200   | 18.6  | SSE  | 5.6     | -0.2         | 0.78         | 66.1  |
| 250   | 18.5  | SSE  | 5.5     | -0.8         | 0.18         | 65.1  |
| 300   | 18.1  | S    | 6.3     | -0.2         | 0.78         | 64.7  |
| 350   | 18.0  | S    | 7.1     | -0.8         | 0.18         | 64.1  |
| 400   | 17.6  | S    | 8.5     | 0.0          | 0.98         | 64.0  |
| 450   | 17.6  | S    | 9.0     | -0.4         | 0.58         | 64.2  |
| 500   | 17.4  | SSW  | 9.3     | 0.7          | 1.68         | 64.4  |
| 600   | 18.1  | SSW  | 9.1     | -0.5         | 0.48         | 60.0  |
| 700   | 17.6  | SSW  | 10.2    | 0.1          | 1.08         | 55.9  |
| 800   | 17.7  | S    | 10.8    | -0.7         | 0.28         | 51.4  |
| 900   | 17.0  | S    | 11.1    | -0.8         | 0.18         | 63.7  |
| 1000  | 16.2  | SSW  | 11.3    | 0.1          | 1.08         | 71.2  |
| 1100  | 16.3  | SSW  | 11.3    | 0.2          | 1.18         | 82.2  |
| 1200  | 16.5  | SSW  | 10.0    | -0.3         | 0.68         | 68.3  |
| 1300  | 16.2  | SSW  | 8.4     | -0.3         | 0.68         | 55.8  |
| 1400  | 15.9  | SSW  | 7.2     | 0.7          | 1.68         | 46.8  |
| 1500  | 16.6  | SW   | 6.2     | ---          | ---          | 26.2  |

年月日：2017/07/28 3時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 18.3  | SSW | 0.6     | 0.6          | 1.58         | 75.4  |
| 100   | 18.6  | S   | 1.4     | 0.4          | 1.38         | 74.0  |
| 150   | 18.8  | S   | 2.2     | -0.4         | 0.58         | 72.6  |
| 200   | 18.6  | SSW | 4.7     | -0.2         | 0.78         | 69.3  |
| 250   | 18.5  | SSW | 5.6     | 0.6          | 1.58         | 67.8  |
| 300   | 18.8  | SSW | 5.1     | -1.0         | -0.02        | 63.9  |
| 350   | 18.3  | SSW | 5.5     | -1.0         | -0.02        | 64.2  |
| 400   | 17.8  | SSW | 5.9     | 1.2          | 2.18         | 64.8  |
| 450   | 18.4  | SSW | 6.1     | -0.6         | 0.38         | 61.0  |
| 500   | 18.1  | SSW | 6.8     | 0.5          | 1.48         | 60.2  |
| 600   | 18.6  | SSW | 9.2     | 0.4          | 1.38         | 55.4  |
| 700   | 19.0  | SSW | 10.9    | -0.7         | 0.28         | 56.4  |
| 800   | 18.3  | SSW | 9.8     | -0.4         | 0.58         | 56.8  |
| 900   | 17.9  | SSW | 7.0     | -0.1         | 0.88         | 57.1  |
| 1000  | 17.8  | SSW | 3.6     | -0.6         | 0.38         | 54.4  |
| 1100  | 17.2  | SSW | 1.8     | -0.7         | 0.28         | 49.3  |
| 1200  | 16.5  | SW  | 2.3     | -1.0         | -0.02        | 47.9  |
| 1300  | 15.5  | WSW | 4.1     | -0.7         | 0.28         | 51.2  |
| 1400  | 14.8  | WSW | 5.9     | -0.3         | 0.68         | 55.1  |
| 1500  | 14.5  | WSW | 7.2     | ---          | ---          | 47.0  |

年月日：2017/07/28 6時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 16.3  | CALM | 0.2     | -0.8         | 0.18         | 83.5  |
| 100   | 15.9  | CALM | 0.4     | 1.8          | 2.78         | 83.0  |
| 150   | 16.8  | WSW  | 2.6     | 2.6          | 3.58         | 77.7  |
| 200   | 18.1  | W    | 3.3     | 0.6          | 1.58         | 74.7  |
| 250   | 18.4  | W    | 2.7     | 0.0          | 0.98         | 71.5  |
| 300   | 18.4  | W    | 2.7     | -0.8         | 0.18         | 69.4  |
| 350   | 18.0  | WSW  | 2.1     | 0.0          | 0.98         | 69.0  |
| 400   | 18.0  | WSW  | 1.7     | 0.0          | 0.98         | 68.3  |
| 450   | 18.0  | WSW  | 1.3     | 1.8          | 2.78         | 66.6  |
| 500   | 18.9  | WSW  | 0.9     | -0.3         | 0.68         | 62.9  |
| 600   | 18.6  | SW   | 2.0     | -0.3         | 0.68         | 59.2  |
| 700   | 18.3  | SW   | 3.7     | 0.1          | 1.08         | 59.3  |
| 800   | 18.4  | SW   | 3.2     | 0.1          | 1.08         | 64.2  |
| 900   | 18.5  | SSW  | 2.9     | -1.0         | -0.02        | 67.3  |
| 1000  | 17.5  | SSW  | 5.6     | 0.1          | 1.08         | 67.5  |
| 1100  | 17.6  | S    | 6.2     | -0.7         | 0.28         | 75.3  |
| 1200  | 16.9  | S    | 5.7     | -0.9         | 0.08         | 76.7  |
| 1300  | 16.0  | S    | 5.6     | -0.5         | 0.48         | 78.4  |
| 1400  | 15.5  | S    | 5.7     | 0.2          | 1.18         | 71.7  |
| 1500  | 15.7  | SSW  | 4.7     | ---          | ---          | 34.0  |

年月日：2017/07/28 9時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 19.5  | W    | 0.7     | -1.0         | -0.02        | 73.1  |
| 100   | 19.0  | W    | 1.5     | -1.2         | -0.22        | 72.8  |
| 150   | 18.4  | W    | 2.3     | 1.2          | 2.18         | 72.4  |
| 200   | 19.0  | CALM | 0.3     | -0.8         | 0.18         | 75.3  |
| 250   | 18.6  | SW   | 1.3     | -0.2         | 0.78         | 77.1  |
| 300   | 18.5  | SW   | 1.8     | -1.2         | -0.22        | 71.1  |
| 350   | 17.9  | SSW  | 1.8     | 0.4          | 1.38         | 71.7  |
| 400   | 18.1  | SSW  | 1.7     | -0.2         | 0.78         | 68.0  |
| 450   | 18.0  | S    | 1.5     | -0.2         | 0.78         | 64.9  |
| 500   | 17.9  | SSE  | 1.2     | 0.3          | 1.28         | 62.6  |
| 600   | 18.2  | ESE  | 1.7     | -0.5         | 0.48         | 54.5  |
| 700   | 17.7  | ENE  | 2.4     | -0.8         | 0.18         | 64.9  |
| 800   | 16.9  | ENE  | 2.5     | 0.3          | 1.28         | 67.2  |
| 900   | 17.2  | ENE  | 3.1     | 0.3          | 1.28         | 71.7  |
| 1000  | 17.5  | ENE  | 3.3     | -1.0         | -0.02        | 63.7  |
| 1100  | 16.5  | ENE  | 2.7     | -0.3         | 0.68         | 66.3  |
| 1200  | 16.2  | NE   | 2.4     | -0.4         | 0.58         | 64.9  |
| 1300  | 15.8  | NE   | 2.0     | -0.4         | 0.58         | 59.1  |
| 1400  | 15.4  | N    | 1.2     | -0.6         | 0.38         | 51.7  |
| 1500  | 14.8  | CALM | 0.4     | ---          | ---          | 59.3  |

年月日：2017/07/28 12時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 20.5  | CALM | 0.1     | -0.8         | 0.18         | 82.5  |
| 100   | 20.1  | CALM | 0.3     | -0.4         | 0.58         | 81.4  |
| 150   | 19.9  | NE   | 1.1     | 0.0          | 0.98         | 76.8  |
| 200   | 19.9  | ENE  | 1.0     | -0.6         | 0.38         | 79.9  |
| 250   | 19.6  | NE   | 0.5     | -0.8         | 0.18         | 79.8  |
| 300   | 19.2  | NE   | 0.6     | -1.2         | -0.22        | 81.2  |
| 350   | 18.6  | N    | 0.8     | -0.8         | 0.18         | 81.5  |
| 400   | 18.2  | N    | 1.0     | -0.4         | 0.58         | 81.0  |
| 450   | 18.0  | N    | 1.3     | -1.0         | -0.02        | 83.0  |
| 500   | 17.5  | NNE  | 1.4     | 1.0          | 1.98         | 84.7  |
| 600   | 18.5  | ESE  | 1.3     | -0.4         | 0.58         | 66.7  |
| 700   | 18.1  | ESE  | 1.3     | 0.1          | 1.08         | 65.7  |
| 800   | 18.2  | ENE  | 1.6     | -0.7         | 0.28         | 52.7  |
| 900   | 17.5  | NE   | 2.0     | -1.0         | -0.02        | 53.2  |
| 1000  | 16.5  | ENE  | 1.7     | -0.4         | 0.58         | 64.0  |
| 1100  | 16.1  | NE   | 1.6     | -0.4         | 0.58         | 56.8  |
| 1200  | 15.7  | NNE  | 1.9     | -1.0         | -0.02        | 49.8  |
| 1300  | 14.7  | NE   | 2.1     | -0.7         | 0.28         | 53.3  |
| 1400  | 14.0  | E    | 1.6     | 0.1          | 1.08         | 66.3  |
| 1500  | 14.1  | SSE  | 2.2     | ---          | ---          | 89.0  |

年月日：2017/07/28 15時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 19.3  | CALM | 0.4     | -1.4         | -0.42        | 88.7  |
| 100   | 18.6  | S    | 0.9     | -1.2         | -0.22        | 86.2  |
| 150   | 18.0  | S    | 1.4     | 1.0          | 1.98         | 83.8  |
| 200   | 18.5  | S    | 0.8     | -0.8         | 0.18         | 88.5  |
| 250   | 18.1  | SSW  | 0.5     | -0.8         | 0.18         | 91.4  |
| 300   | 17.7  | CALM | 0.3     | -1.0         | -0.02        | 92.4  |
| 350   | 17.2  | NW   | 0.7     | -0.6         | 0.38         | 95.1  |
| 400   | 16.9  | NNW  | 0.8     | -0.2         | 0.78         | 95.4  |
| 450   | 16.8  | NNW  | 1.1     | -0.6         | 0.38         | 95.6  |
| 500   | 16.5  | N    | 1.4     | -1.4         | -0.42        | 96.6  |
| 600   | 15.1  | NNW  | 2.3     | 0.8          | 1.78         | 89.5  |
| 700   | 15.9  | NW   | 2.1     | -0.3         | 0.68         | 69.7  |
| 800   | 15.6  | NNW  | 1.2     | -0.6         | 0.38         | 68.4  |
| 900   | 15.0  | NNE  | 0.8     | -0.5         | 0.48         | 67.0  |
| 1000  | 14.5  | ENE  | 1.1     | 0.4          | 1.38         | 67.3  |
| 1100  | 14.9  | SSE  | 1.5     | 0.4          | 1.38         | 77.1  |
| 1200  | 15.3  | SSW  | 3.9     | -0.3         | 0.68         | 74.7  |
| 1300  | 15.0  | SSW  | 6.2     | -0.7         | 0.28         | 66.7  |
| 1400  | 14.3  | SSW  | 7.6     | -0.8         | 0.18         | 69.5  |
| 1500  | 13.5  | SW   | 8.8     | ---          | ---          | 71.9  |

年月日：2017/07/28 18時

| 高度[m] | 温度[℃] | 風向   | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|------|---------|--------------|--------------|-------|
| 50    | 18.2  | CALM | 0.3     | -0.6         | 0.38         | 89.9  |
| 100   | 17.9  | WSW  | 0.7     | -0.6         | 0.38         | 89.9  |
| 150   | 17.6  | WSW  | 1.0     | 1.0          | 1.98         | 89.8  |
| 200   | 18.1  | NW   | 1.1     | -1.2         | -0.22        | 90.9  |
| 250   | 17.5  | NW   | 1.4     | -0.4         | 0.58         | 93.8  |
| 300   | 17.3  | NNW  | 1.5     | 0.0          | 0.98         | 94.9  |
| 350   | 17.3  | N    | 2.0     | -1.8         | -0.82        | 94.7  |
| 400   | 16.4  | N    | 3.0     | -0.4         | 0.58         | 93.6  |
| 450   | 16.2  | N    | 3.9     | -1.0         | -0.02        | 93.7  |
| 500   | 15.7  | NNW  | 4.6     | -0.6         | 0.38         | 94.9  |
| 600   | 15.1  | NNW  | 3.7     | -0.4         | 0.58         | 97.6  |
| 700   | 14.7  | NW   | 2.7     | -1.0         | -0.02        | 98.7  |
| 800   | 13.7  | WNW  | 2.1     | 1.0          | 1.98         | 94.7  |
| 900   | 14.7  | SW   | 2.4     | 0.4          | 1.38         | 98.9  |
| 1000  | 15.1  | SSW  | 3.8     | 0.2          | 1.18         | 95.6  |
| 1100  | 15.3  | SSW  | 5.4     | -0.2         | 0.78         | 90.4  |
| 1200  | 15.1  | SW   | 7.0     | -0.7         | 0.28         | 87.6  |
| 1300  | 14.4  | SW   | 7.3     | -0.7         | 0.28         | 88.7  |
| 1400  | 13.7  | SW   | 8.0     | -0.7         | 0.28         | 91.8  |
| 1500  | 13.0  | WSW  | 8.6     | ---          | ---          | 89.7  |

年月日：2017/07/28 21時

| 高度[m] | 温度[℃] | 風向  | 風速[m/s] | 温度勾配[℃/100m] | 湿度勾配[℃/100m] | 湿度[%] |
|-------|-------|-----|---------|--------------|--------------|-------|
| 50    | 17.7  | WNW | 0.5     | 0.4          | 1.38         | 95.9  |
| 100   | 17.9  | WNW | 1.0     | 0.4          | 1.38         | 94.9  |
| 150   | 18.1  | WNW | 1.5     | 0.4          | 1.38         | 93.9  |
| 200   | 18.3  | SW  | 2.0     | -0.4         | 0.58         | 89.3  |
| 250   | 18.1  | SSW | 2.2     | -0.6         | 0.38         | 87.8  |
| 300   | 17.8  | SSW | 2.2     | -0.6         | 0.38         | 89.3  |
| 350   | 17.5  | SSW | 2.3     | -0.4         | 0.58         | 89.7  |
| 400   | 17.3  | SSW | 2.2     | 0.0          | 0.98         | 90.5  |
| 450   | 17.3  | SSW | 1.9     | 2.0          | 2.98         | 89.6  |
| 500   | 18.3  | SW  | 1.7     | -0.5         | 0.48         | 81.1  |
| 600   | 17.8  | WSW | 1.9     | -0.9         | 0.08         | 79.7  |
| 700   | 16.9  | W   | 1.9     | -0.5         | 0.48         | 81.4  |
| 800   | 16.4  | W   | 3.0     | -0.7         | 0.28         | 86.3  |
| 900   | 15.7  | W   | 3.6     | -0.6         | 0.38         | 84.8  |
| 1000  | 15.1  | WNW | 3.9     | -0.6         | 0.38         | 79.0  |
| 1100  | 14.5  | WNW | 4.4     | -0.5         | 0.48         | 74.8  |
| 1200  | 14.0  | W   | 3.6     | -1.0         | -0.02        | 84.6  |
| 1300  | 13.0  | W   | 3.6     | -0.4         | 0.58         | 87.5  |
| 1400  | 12.6  | W   | 4.3     | -0.7         | 0.28         | 93.4  |
| 1500  | 11.9  | W   | 6.2     | ---          | ---          | 95.4  |