

| Station:<br>Lind Dryland Research Station |                                   |      | County:<br>Adams |              |              | State:<br>WA                      | Date (Month/Year)<br>October 2010 |              | Time of Complete Observation<br>4:30 PM |                   |                      | Standard Time in Use<br>PDT |   | RECORD OF EVAPORATION AND CLIMATOLOGICAL OBSERVATIONS |                                  |                                    |                     |   |  |                            |                          |   |      |          |
|---|-----------------------------------|------|------------------|--------------|--------------|-----------------------------------|-----------------------------------|--------------|---|-------------------|----------------------|-----------------------------|---|---|----------------------------------|------------------------------------|---------------------|---|--|----------------------------|--------------------------|---|------|----------|
| Date                                      | Air Temperature °F                |      |                  |              |              |                                   | Precipitation                     |              |   |                   |                      |                             | Wind  |   | Evaporation<br>(in & hundredths) |                                    |                     | Water<br>Temp. °F                       |  | Additional<br>Data/Remarks |                          |   |      |          |
|   | 24 Hours Ending<br>at Observation |      | At Observation   |              |              | Supplemental Readings<br>at _____ |                                   |              | Time of<br>Beginning                    | Time of<br>Ending | Time of<br>Beginning | Time of<br>Ending           | 24 Hour Amounts                               |   | at obsn.                         | Anemometer Dial<br>Reading (Miles) | 24 Hour<br>Movement | Gage<br>Reading or<br>Amount<br>Added + | Reading<br>When Tank<br>Filled or<br>Amount<br>Removed |                            | Amount of<br>Evaporation | 24 Hours Ending<br>at Observation                   |      |          |
|   | Max.                              | Min. | Dry-<br>bulb     | Wet-<br>bulb | Dew<br>Point | Dry-<br>bulb                      | Wet-<br>bulb                      | Dew<br>Point |   |                   |                      |                             | Rain, Melted<br>Snow etc (in &<br>hundredths) | Snow, Ice Pellets,<br>Hail (in. & tenths)             |                                  |                                    |                     |   |  |                            |                          | Snow, Ice, Pellets,<br>Hail, Ice on<br>ground (in.) | Max. | Min.     |
| 1   | 81                                | 51   | 80               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 2   | 86                                | 47   | 84               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 3   | 84                                | 54   | 63               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 4   | 68                                | 51   | 63               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 5   | 69                                | 36   | 68               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 6   | 75                                | 42   | 73               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 7   | 74                                | 48   | 55               |              |              |                                   |                                   |              | 7:00 AM                                 | 3:30 PM           |                      |                             | 0.46  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 8   | 64                                | 49   | 62               |              |              |                                   |                                   |              | 5:30 PM                                 | DNP               |                      |                             | 0.06  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 9   | 66                                | 49   | 62               |              |              |                                   |                                   |              | DNA                                     | DNP               |                      |                             | 0.04  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 10  | 68                                | 56   | 57               |              |              |                                   |                                   |              | DNP                                     | DNA               | DNP                  | 4:30 PM                     | 0.13  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 11  | 58                                | 35   | 56               |              |              |                                   |                                   |              | 4:30 PM                                 | 5:00 PM           |                      |                             | 0.01  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 12  | 62                                | 33   | 62               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 13  | 72                                | 37   | 71               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 14  | 73                                | 34   | 64               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 15  | 64                                | 35   | 56               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 16  | 58                                | 31   | 57               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 17  | 59                                | 26   | 58               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 18  | 61                                | 28   | 58               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 19  | 65                                | 31   | 64               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 20  | 69                                | 37   | 67               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      | AM smoke |
| 21  | 69                                | 32   | 67               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 22  | 67                                | 40   | 60               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 23  | 61                                | 52   | 42               |              |              |                                   |                                   |              | DNA                                     | 5:30 AM           |                      |                             | 0.04  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 24  | 54                                | 44   | 48               |              |              |                                   |                                   |              | DNA                                     | Noon              |                      |                             | 0.21  |   |                                  |                                    |                     |   |  |                            |                          |   |      | Windy    |
| 25  | 48                                | 40   | 46               |              |              |                                   |                                   |              | DNA                                     | 10:30AM           |                      |                             | 0.05  |   |                                  |                                    |                     |   |  |                            |                          |   |      | Windy    |
| 26  | 52                                | 35   | 50               |              |              |                                   |                                   |              |   |                   |                      |                             | T   |   |                                  |                                    |                     |   |  |                            |                          |   |      | Breezy   |
| 27  | 54                                | 37   | 52               |              |              |                                   |                                   |              |   |                   |                      |                             |   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 28  | 52                                | 41   | 49               |              |              |                                   |                                   |              | 9:30 AM                                 | 4:30 PM           |                      |                             | 0.02  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 29  | 48                                | 42   | 47               |              |              |                                   |                                   |              | 5:30 PM                                 | DNA               |                      |                             | 0.26  |   |                                  |                                    |                     |   |  |                            |                          |   |      | Fog      |
| 30  | 47                                | 36   | 45               |              |              |                                   |                                   |              | DNA                                     | DNP               |                      |                             | 0.03  |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| 31  | 55                                | 36   | 52               |              |              |                                   |                                   |              | DNA                                     | DNA               |                      |                             | 0.1   |   |                                  |                                    |                     |   |  |                            |                          |   |      |          |
| Sum                                       | 1983                              | 1245 | X                | X            | X            | X                                 | X                                 | X            | X                                       | X                 | X                    | X                           | 1.41  |   | X                                | X                                  |                     | X                                       | X  |                            |                          |   |      |          |
| Avg.                                      | 64                                | 40.2 | X                | X            | X            | X                                 | X                                 | X            | X                                       | X                 | X                    | Greatest                    |   |   | X                                |                                    |                     | Adjusted Total                          |  |                            |                          |   |      |          |