Evaporation

Daily maximum temperature of water in an evaporation pan (MXPN)

Daily minimum temperature of water in an evaporation pan (MNPN)

Evaporation of water from evaporation pan (EVAP)

Multiday evaporation total (use with DAEV) (MDEV)

Number of days included in the multiday evaporation total (MDEV) (DAEV)

Land

Maximum soil temperatures (SN\*\*)

Minimum soil temperatures (SX\*\*)

Precipitation

Multiday precipitation total (use with DAPR and DWPR, if available) (MDPR)

Multiday snowfall total (MDSF)

Number of days included in the multiday precipitation total (MDPR) (DAPR)

Number of days included in the multiday snow fall total (MDSF) (DASF)

Precipitation (PRCP)

Snow depth (SNWD)

Snowfall (SNOW)

Sky cover & clouds

Average cloudiness midnight to midnight from manual observations (ACMH)

Average cloudiness sunrise to sunset from manual observations (ACSH)

Sunshine

Daily percent of possible sunshine for the period (PSUN)

Total sunshine for the period (TSUN)

Air Temperature

Average Temperature. (TAVG)

Maximum temperature (TMAX)

Minimum temperature (TMIN)

Temperature at the time of observation (TOBS)

Water

Water equivalent of snow on the ground (WESD)

Water equivalent of snowfall (WESF)

Wind

Average wind speed (AWND)

Direction of fastest 1-minute wind (WDF1)

Direction of fastest 2-minute wind (WDF2)

Direction of fastest 5-second wind (WDF5)

Direction of peak wind gust (WDFG)

Fastest 1-minute wind speed (WSF1)

Fastest 2-minute wind speed (WSF2)

Fastest 5-second wind speed (WSF5)

Fastest mile wind direction (WDFM)

Fastest mile wind speed (WSFM)

Multiday wind movement (MDWM)

Number of days included in the multiday wind movement (MDWM) (DAWM)

Peak gust time (PGTM)

Peak gust wind speed (WSFG)

Time of fastest mile or fastest 1-minute wind (FMTM)

Total wind movement (WDMV)

Weather Type

Weather types (WT\*\*)

Weather type in the vicinity (WV\*\*)