

data format(a7,1x,i4,2i2,2x,a3,2x,a4,1x,2(i6,a1,1x,f8.3,a1,1x,f8.3,a3,1x),f8.3,a6,1x,f8.3,a6)

Column 1: Clim\_ID (Climate ID of the station)

Column 2: YYYY (year)

Column 3: MM (month)

Column 4: DD (day)

Column 5: E1011 - On1 (daily precipitation amount comes from DLY04E010 and DLY04E011)

Column 6: name - RSFT (Daily precipitation amount comes from DLY04E010 and DLY04E011. Daily rain gauge related corrections applied, snowfalls converted to water equivalents, and trace and other flags in the data archive treated.)

Column 7: R(0.1mm) - original rainfall amount

Column 8: original rainfall flag

Column 9: c1R(mm) - corrected rainfall amount with rain gauge related corrections applied OR rainfall trace amount

Column 10: flag 'R' if rain gauge related corrections applied OR flag 'Q' if rainfall trace amount applied

Column 11: cR(mm) - rainfall amount with all possible corrections applied including rain-gauge related corrections, trace rainfall amount and corrections for other flags in the data archive.

Column 12: 3-letter flags. The 1<sup>st</sup> letter is the original rainfall flag. The 2<sup>nd</sup> letter: flag 'R' if rain gauge related corrections applied OR flag 'Q' if rainfall trace amount applied. The 3<sup>rd</sup> letter: flag 'Y' for rainfall amount corrected for flags other than trace, otherwise blank. A blank means no flag.

Column 13: S(0.1mm) - original snowfall amount

Column 14: original snowfall flag

Column 15: c1S(mm) - snowfall amount converted to their water equivalents OR snowfall trace amount

Column 16: flag 'S' if snowfall amount converted to their water equivalents OR flag 'Q' if snowfall trace amount applied

Column 17: cS(mm) - snowfall amount being converted to water equivalents, with corrections applied for trace and other flags in the data archive.

Column 18: 3-letter flags: The 1<sup>st</sup> letter is the original snowfall flag. The 2<sup>nd</sup> letter: flag 'S' if snowfall amount converted to their water equivalents OR flag 'Q' if snowfall trace amount applied. The 3<sup>rd</sup> letter: flag 'Y' for snowfall amount corrected for flags other than trace, otherwise blank. A blank means no flag.

Column 19: cR+cS(mm) - daily precipitation amount comes from cR and cS(mm)

Column 20: 6-letter flags. The 1<sup>st</sup> letter is the original rainfall flag. The 2<sup>nd</sup> letter: flag 'R' if rain gauge related corrections applied or flag 'Q' if rainfall trace amount applied. The 3<sup>rd</sup> letter: flag 'Y' for rainfall amount corrected for flags other than trace, otherwise blank. The 4<sup>th</sup> letter is the original snowfall flag. The 5<sup>th</sup> letter: flag 'S' if snowfall amount converted to their water equivalents OR flag 'Q' if snowfall trace

amount applied. The 6<sup>th</sup> letter: flag 'Y' for snowfall amount corrected for flags other than trace, otherwise blank. A blank means no flag.

Column 21: QCdP=cR+cS(mm) - daily precipitation amount cR+cS(mm) that has been corrected for suspected miscoded missing values (missing values were mistakenly recorded as 0's). **This is the adjusted daily precipitation (rainfall + snowfall) data.**

Column 22: 6-letter flags. The 1<sup>st</sup> letter is the original rainfall flag. The 2<sup>nd</sup> letter: flag 'R' if rain gauge related corrections applied or flag 'Q' if rainfall trace amount applied. The 3<sup>rd</sup> letter: flag 'Y' for rainfall amount corrected for flags other than trace, otherwise blank. The 4<sup>th</sup> letter is the original snowfall flag. The 5<sup>th</sup> letter: flag 'S' if snowfall amount converted to their water equivalents OR flag 'Q' if snowfall trace amount applied. The 6<sup>th</sup> letter: flag 'Y' for snowfall amount corrected for flags other than trace, otherwise blank. A blank means no flag.