



Figure 2: Updated IDF Curve for PT11 Rain Gauge (January 1, 1994 – December 31, 2017)

It should be noted that the updated IDF curve using 1994-2017 data resulted in some rainfall totals being less than the previous IDF values. Consistent with the GVRD's most recently published IDF curve (1994-2014) for the PT11 rain gauge, years 1959-1979 and 1982-1983 are no longer being used to develop the IDF values. Removing these record years impacts the data that is input into the statistical analysis tool and removes some years which contribute to larger rainfall depths for some of the IDF values. In general, the decreases are seen in the higher return period, longer duration values. The years from 1994 – 2017 contain rainfall years that represent both El Nino and La Nina conditions and are believed to be representative. In general, the IDF values increased for the IDF update.