

SUMMARY FOR SEPTEMBER 1999.

The record for the warmest September was broken this month with a mean daily temperature of 15.3C. The mean maximum of 19.9C made it the warmest since 1991 whilst the record for hot days was also broken this month with a total of 6 noted. All temperatures showed positive anomalies ranging from +6.7C for the surface temperature to +1.2C at 100cm depth. *The max of 26.6C on the 5th was just over below the 27C of 1991.*

Rainfall was 164.7% of the 30 year average making this the wettest September since 1994. In all 16 days saw some rain, the three days the 18th, 19th and 20th providing a total of 65.5mm leading to local flooding. Precipitation was noted for a total of 86.7 hours during the month.

The month was also sunny with a total of 169.8 hours, 27.9% above the 30 year mean. Only one day was sunless, just one third of expectation for September making this the sunniest since 1991 which had 180.9 hours.

The total of global radiation for the month was 79.6 kilowatts per square metre with a maximum of 0.89 kilowatts per square metre recorded on the 13th.

Fog was recorded on just one day whilst there was no incidence of either thunder or hail. Winds were SW at 4.5 knots with a maximum gust of 26 knots on the 18th.