

## Durlston weather summary 2016

Storm Katie hit the south of the UK on Easter Monday bringing heavy rain and severe gales for the end of the Easter weekend. There were gusts of 69mph at Durlston and a gust of 106mph was recorded at the Needles Old Battery.

The first autumnal storm, Angus, arrived on 20th November 2016. South and south-west England were the main areas affected by heavy rain and severe gales. Gusts widely exceeded 70mph along the south coast. Many coastal areas saw damage from huge waves, including the sea wall at Swanage, and the railway line near Exeter was closed due to flooding. Meanwhile, in the English Channel, a ferry became stranded for 26 hours and a barge collided with a cargo ship.

At Durlston, the total rainfall for 2016 was 1010.2 mm, above the 10 year mean of 949.8mm, with above average rainfall in Jan, Feb, March, June, Aug and Nov. In contrast, May and Dec rainfall was significantly lower than average.

The maximum temperature recorded was 21.8C on 25<sup>th</sup> August, the minimum was -1C on 16<sup>th</sup> February with sub-zero temperatures recorded on 2 consecutive nights.

**January** – mild, much wetter than average, 200mm rain, almost double the 10 year mean, fog

**February** – variable winds pressure, frosts, 61mph gusts on 8<sup>th</sup> (Storm Imogen) and on 23<sup>rd</sup>

**March** – high pressure and dry mid month, 69mph gusts on 28<sup>th</sup> (Storm Katie)

**April** – variable winds

**May** – dry, mostly E / NE winds with misty/foggy days at the start of the month

**June** – 117.3mm rain, double the 10 year mean of 54.6mm, heavy rain and wind on 20<sup>th</sup>

**July** – warm, light winds, only 6.1mm rainfall compared to the 10 year mean of 47.9mm

**August** – very wet at the start of the month, then drier, max temperature of 2016, 21.8C on 25<sup>th</sup>

**September** – mostly westerly winds with light rain

**October** – easterly winds at the start of the month, then westerlies

**November** – a wet month with over 200mm rain, Storm Angus on 20<sup>th</sup>, with 55mph gust, 26.7mm rain

**December** – an unusually dry month, only 43.8mm, compared to the 10 year mean of 125.6mm, some fog and frost, high pressure at the end of the month