STITHIANS WEATHER SUMMARY

JANUARY 2017

HIGHEST MAXIMUM TEMPERATURE	11.5C (30th & 31st)
HIGHEST MINIMUM TEMPERATURE	10.7C (31st)
LOWEST MAXIMUM TEMPERATURE	04.2C (21st)
LOWEST MINIMUM TEMPERATURE	-06.0C (03rd)
MEAN MAXIMUM TEMPERATURE	08.3C (10YR) 08.2C (29YR) 08.2C
MEAN MINIMUM TEMPERATURE	03.8C (10YR) 03.6C (29YR) 03.7C
MEAN TEMPERATURE FOR MONTH	06.0C (10YR) 05.9C (29YR) 05.9C
MAX. DAILY TEMPERATURE RANGE	12.1C (23rd)
MEAN DAILY TEMPERATURE RANGE	04.4C
TOTAL RAINFALL	85.2MM (10YR) 186.5MM (29YR) 168.8MM
MAXIMUM RAINFALL IN 24 HOURS	21.2MM (12th)
RAIN DAYS (0.2MM OR MORE)	22
WET DAYS (1.0MM OR MORE)	17
DAYS WITH RAIN INCLUDED	19
DAYS WITH HAIL	02
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT: 00 / SNW: 00
AIR FROSTS (-00.1C OR BELOW)	05
MAXIMUM ATMOSPHERIC PRESSURE	1036.0 MB (18th)
MINIMUM ATMOSPHERIC PRESSURE	1000.0 MB (12th)
MEAN ATMOSPHERIC PRESSURE	1022.0 MB (29YR MEAN): 1016.0 MB
MEAN SOUTHWEST SEA TEMPERATURE	11.0C (DEC 1986-2016 AVE): 10.3C
10YR RUNNING MEAN SW SEA	

TEMPERATURE (DEC 2007-2016) 10.7C

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NOTES

THE UPPER AIR PATTERN FOR JANUARY WAS A BIT MIXED, WITH THE MAIN JET STREAM BEING OVER THE BRITISH ISLES FROM THE 1ST TO 4TH AND FROM 10TH TO 15TH INCLUSIVE, AS WELL AS ON 17TH, 23RD, AND FROM 27TH TO 30TH INCLUSIVE. OTHERWISE IT WAS TO THE NORTH OR NORTHWEST.

FROM 1ST TO 8TH INCLUSIVE, HIGH PRESSURE PERSISTED OVER NEARBY EUROPE, WHILST FRONTAL SYSTEMS AFFECTED THE NORTH AND WEST.

ON 9TH THE PRESSURE DECLINED TO BE FOLLOWED BY A COLD FRONT ON 10TH AND A FRESH WEST TO NORTHWEST AIRSTREAM ON 11TH.

ON 12TH A DEEPENING LOW TO THE SOUTHWEST OF CORNWALL MOVED ALONG THE SOUTH COAST INTO NORTHEAST FRANCE BY THE EVENING TO BE FOLLOWED ON 13TH BY A FRESH AND SLIGHTLY SHOWERY NORTHWESTERLY AIRSTREAM.

FROM 14TH TO 18TH PRESSURE BUILT UP FROM THE SOUTH AND PERSISTED BEFORE MOVING INTO GERMANY AND ITALY BY 21ST WHILST MAINTAINING A RIDGE TO AND OVER THE U.K. UP UNTIL THE 25TH.

ON 26TH, A STRENGTHENING SOUTHEAST WIND PRODUCED A BITTERLY COLD DAY (WIND CHILL). FROM 27TH TO 31ST THE PRESSURE DECLINED EASTWARDS, ALLOWING FRONTS IN FROM THE WEST AND SOUTHWEST.

ALTHOUGH HIGH PRESSURE WAS IN CONTROL FOR MUCH OF THE MONTH (HIGHEST MEAN PRESSURE IN ANY JANUARY SINCE 2012), FOR THE MOST PART IT WAS A FAIRLY UNSETTLED MONTH AND ALTHOUGH DAILY RAINFALL AMOUNTS WERE QUITE LOW, TWO DAYS IN PARTICULAR, NAMELY THE 12TH & 29TH, PRODUCED 21.2MM AND 12.9MM RESPECTIVELY. IT WAS ALSO OFTEN A VERY CLOUDY MONTH WITH LIMITED AMOUNTS OF SUNSHINE.

AIR FROSTS OCCURRED ON THE 3RD, 4TH, 19TH, 23RD & 24TH. THE 3RD WAS THE COLDEST JANUARY NIGHT HERE SINCE 2011. HAIL OCCURRED IN THE AFTERNOON OF 12TH & DURING THE EARLY HOURS OF 13TH. THE MAX ESTIMATED WIND GUST WAS 34KT (39 MPH) DURING MID-LATE AFTERNOON OF THE 12TH AND THE MAIN WIND DIRECTION DURING THE MONTH WAS WESTERLY,

FOLLOWED BY EASTERLY. MEAN TEMPERATURES WERE VERY CLOSE TO AVERAGE AND IT WAS THE DRIEST JANUARY HERE SINCE 2012.

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ALL READINGS DONE BY PAUL RICHARDS AT 40 CRELLOW FIELDS, STITHIANS. WE ARE A MET. OFFICE REGISTERED RAINFALL STATION (379547) THROUGH THE ENVIRONMENT AGENCY IN BODMIN. THE STATION HEIGHT IS AT 120M (396FT) ABOVE MSL. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVER'S NETWORK IN ESSEX AND WEEKLY DATA TO THE WEATHERNET ORGANISATION IN BOURNEMOUTH.