

STITHIANS WEATHER SUMMARY

JUNE 2020

HIGHEST MAXIMUM TEMPERATURE	25.6C (25th)
HIGHEST MINIMUM TEMPERATURE	13.5C (23rd)
LOWEST MAXIMUM TEMPERATURE	12.2C (06th)
LOWEST MINIMUM TEMPERATURE	03.6C (09th)
17.9C (10YR) 18.1C (32YR) 17.5C	
10.2C (10YR) 09.9C (32YR) 09.7C	
MEAN TEMPERATURE FOR MONTH (32YR) 13.6C	14.0C (10YR) 14.0C
MAX. DAILY TEMPERATURE RANGE	18.2C (02nd)
MEAN DAILY TEMPERATURE RANGE	07.7C
TOTAL RAINFALL FOR THE MONTH	175.7MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	82.9MM
TOTAL RAINFALL (32 YRS LONG TERM AV)	75.2MM
MAXIMUM RAINFALL IN 24 HOURS	42.0MM (10TH)
RAIN DAYS (0.2MM OR MORE)	21
WET DAYS (1.0MM OR MORE)	14
DAYS WITH RAIN INCLUDED	26
DAYS WITH HAIL	00
DAYS WITH THUNDER	02
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00
MAXIMUM ATMOSPHERIC PRESSURE	1023.0 MB (01 st & 22nd))
MINIMUM ATMOSPHERIC PRESSURE	999.0 MB (12th)

MEAN ATMOSPHERIC PRESSURE
1017.2 MB

1013.1 MB (32YR MEAN)

14.4C (JUN 1986-2019 AV) 13.8C

10YR RUNNING MEAN SW SEA TEMP

(JUN 2010-2019) 14.3C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A HIGH (1030MB) S SCANDINAVIA EXTENDED A RIDGE TO AND OVER THE UK BY THE 2ND THE ORIGINAL HIGH (1025MB) RETREATED TO FINLAND AS A NEW HIGH (1032MB) IN THE WESTERN ATLANTIC TOOK OVER. IT'S RIDGE REMAINED OVER THE UK. ON THE 3RD A WEAK SHOWER TROUGH CLEARED, THEN A WEAK COLD FRONT ALSO CLEARED LATE EVENING. ON THE 4TH THERE WAS A WEAK RIDGE (FROM A HIGH 1030MB AT 50N/37W) BEFORE A WEAK OCCLUSION CLEARED OVERNIGHT. BY THE 5TH THERE WAS A SHOWERY W/NW AIRSTREAM AS A NEW LOW (980MB) FORMED AT 58N/01E. ON THE 6TH THIS LOW (982MB) WAS CENTRED IN THE WESTERN NORTH SEA AS IT PUSHED IT'S OCCLUSION SOUTHWARDS WHICH THIS CLEARED OVERNIGHT. ON THE 7TH THERE WAS A SLIGHTLY SHOWERY WESTERLY AIRSTREAM.

ON THE 8TH A QUASI STATIONARY SHOWER TROUGH FORMED OVER THE SPINE OF CORNWALL BEFORE THIS FULLY DISSIPATED DURING LATE AFTERNOON. ON THE 9TH THERE WAS A WEAK HIGH PRESSURE RIDGE BEFORE A FRONTAL SYSTEM CLEARED FROM THE NW LATE EVENING. ON THE 10TH A LOW (1013MB) IRELAND PUSHED IT'S FRONTAL SYSTEM INTO SW ENGLAND DURING THE EVENING. BY THE 11TH THIS HAD MOVED SOUTHWARDS TO BECOME LOW (994MB) S BISCAY WHICH PUSHED AN ACTIVE OCCLUSION ACROSS THE REGION DURING THE AFTERNOON & EVENING.

ON THE 13TH THE LOW (1006MB) HAD MOVED TO THE CHANNEL ISLANDS AND BY THE 14TH IT HAD MOVED WNW AND FILLED TO BECOME 1012MB CENTERED JUST NW OF THE ISLES OF SCILLY. THIS SITUATION CONTINUED ON THE 15TH,16TH & 17TH.

SHOWER TROUGHS AFFECTED CORNWALL AS A FLABBY AREA OF LOW PRESSURE COVERED THE UK. ON THE 18TH THERE WAS A SHOWER TROUGH BEFORE A WARM AND HUMID SW AIRSTREAM ARRIVED ON THE 19TH.

AN OLD OCCLUSION CLEARED DURING THE EARLY HOURS OF THE 20TH. DURING THE 20TH THERE WAS A WEAK RIDGE BEFORE A FRONTAL SYSTEM ARRIVED IN THE EVENING. THIS CLEARED THROUGH OVERNIGHT, LEAVING IN IT'S WAKE A SHOWERY SW AIRSTREAM ON THE 21ST BEFORE PRESSURE ROSE LATER.

ON THE 22ND THERE WAS A RIDGE OF HIGH PRESSURE AND ON THE 23RD A NEW HIGH (1027MB) DEVELOPED S DENMARK WHICH PUSHED A RIDGE TO AND OVER ENGLAND AND WALES. BY THE 24TH THIS HAD TRANSFERRED TO SW NORWAY WHILE MAINTAINING IT'S RIDGE TO AND OVER THE UK. HOWEVER PRESSURE FELL LATER IN THE DAY.

ON THE 25TH A SHOWER TROUGH CROSSED CORNWALL AS AN ISOBARIC TROUGH (FROM A LOW 1013MB SE NORMANDY) DEVELOPED OVER ENGLAND. A WEAK COLD FRONT CLEARED OVERNIGHT. ON THE 26TH THERE WAS A SLIGHTLY SHOWERY SW AIRSTREAM BEFORE AN OCCLUSION SPREAD IN DURING THE EVENING. THIS CLEARED OVERNIGHT LEAVING A SHOWERY SW AIRSTREAM FOR THE 27TH AS A LOW (993MB) NORTH OF NORTHERN IRELAND MOVED NORTHEASTWARDS. THE 28TH SAW A CONTINUATION OF THIS SITUATION AS THE LOW (987MB) PERSISTED.

BY THE 29TH THE LOW (991MB) HAD MOVED TO E SCOTLAND AS THE BRISK SW AIRSTREAM CONTINUED. ON THE 30TH A WARM FRONT MOVED EASTWARDS DURING THE EARLY HOURS LEAVING A WEAKENING COLD FRONT LINGERING IN IT'S WAKE.

THE MAIN ATLANTIC JET STREAM BECAME MORE FRAGMENTED AND WEAKER. IT WAS TO THE NW OF THE UK ON THE 2ND, 14TH AND 15TH. IT WAS TO THE WEST ON THE 1ST, 3RD, 7TH-10TH, 13TH, 16TH-20TH AND THE 23RD-26TH.

IT WAS OVER THE UK (MAINLY SOUTH) ON THE 4TH, 5TH, 21-22, AND THE 27TH-30TH. IT WAS TO THE SW ON THE 11TH AND 12TH AND TO THE SOUTH ON THE 6TH.

JUNE WAS AN UNSETTLED MONTH DOMINATED BY BELOW NORMAL PRESSURE.

ALL MEAN TEMPERATURES WERE SLIGHTLY ABOVE THE LONG TERM AVERAGE FOR JUNE.

IT WAS ALSO THE WETTEST JUNE EVER RECORDED HERE. (THE PREVIOUS RECORD WAS 175.2MM RECORDED IN JUNE 2007). THIS NEW

RECORD FOR JUNE SQUEAKED IN WITH JUST 0.5MM EXTRA RAINFALL, WHICH WAS SET ON THE FINAL DAY OF THE MONTH!

JUNE WAS OFTEN CLOUDY, BUT THERE WAS ALSO SOME SUNSHINE ON OFFER AT TIMES. MANY OF THE NIGHTS WERE AGAIN CLOUDY OR OVERCAST WHICH HAD THE EFFECT OF KEEPING MANY OF THE NIGHTS FAIRLY WARM.

THE BEST OF THE SUNNY WEATHER OCCURRED ON THE 1ST, 2ND, 24TH & 25TH.

THUNDER WAS HEARD BETWEEN 1315 GMT AND 1345 GMT ON THE 16TH. THE STORM WAS TO THE NW AND N (EST'D 4 MILES) AND ALSO ON THE 25TH AT 1329 GMT (ESTIMATED 6 MILES TO NE).

A FUNNEL CLOUD WAS REPORTED (AND PHOTOGRAPHED) FROM BODMIN AT AROUND 1400 GMT ON THE 8TH.

A PERIOD OF TORRENTIAL RAIN OCCURRED BETWEEN 0500 GMT AND 0600 GMT ON THE 16TH.

THE HEAVIEST FALLS OF RAIN WERE 42.0MM ON THE 10TH, 32.9MM ON THE 12TH, 12.0MM ON THE 13TH, 29.6MM ON THE 15TH, 17.2MM ON THE 20TH AND 11.7MM ON THE 26TH.

THE MAIN WIND DIRECTION WAS WESTERLY, CLOSELY FOLLOWED BY SOUTHWESTERLY. THE MAX. (ESTIMATED) WIND GUST FOR THE MONTH WAS 31KT (35 MPH) DURING THE EARLY HOURS OF THE 11TH.

PLEASE NOTE THAT WE NOW HAVE A NEW WEBSITE WHICH CAN BE FOUND AT: www.stithiansweather.co.uk

ALL READINGS DONE BY PAUL RICHARDS AT 40 CRELOW FIELDS, STITHIANS. MAIN OBSERVATIONS ARE CARRIED OUT AT 0900GMT & 2100GMT DAILY THROUGHOUT THE YEAR. WE ARE A METEOROLOGICAL OFFICE REGISTERED RAINFALL STATION (379547) THROUGH THE ENVIRONMENT AGENCY IN BODMIN. (DAILY RAINFALL DATA IS RETURNED ON A MONTHLY BASIS). THE STATION HEIGHT IS 120M (396FT) ABOVE MSL. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVERS NETWORK IN COLCHESTER, ESSEX AND WEEKLY DATA IS PASSED TO THE WEATHERNET ORGANISATION IN BOURNEMOUTH.