

STITHIANS WEATHER SUMMARY

MAY 2022

HIGHEST MAXIMUM TEMPERATURE	21.6C (22nd)
HIGHEST MINIMUM TEMPERATURE	12.6C (16 th , 17 th & 27th)
LOWEST MAXIMUM TEMPERATURE	12.2C (01st)
LOWEST MINIMUM TEMPERATURE	03.5C (30th)
MEAN MAXIMUM TEMPERATURE	16.8C (10YR) 15.2C (34YR) 14.9C
MEAN MINIMUM TEMPERATURE	08.6C (10YR) 06.8C (34YR) 07.1C
MEAN TEMPERATURE FOR MONTH	12.7C (10YR) 11.0C (34YR) 11.0C
MAX DAILY TEMPERATURE RANGE	14.9C (29th)
MEAN DAILY TEMPERATURE RANGE	08.2C
TOTAL RAINFALL FOR THE MONTH	50.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	77.9 MM
TOTAL RAINFALL (33 YRS LONG TERM AV)	71.6 MM
MAXIMUM RAINFALL IN 24 HOURS	9.7 MM (17th)
RAIN DAYS (0.2MM OR MORE)	16
WET DAYS (1.0MM OR MORE)	12
DAYS WITH RAIN INCLUDED	23
DAYS WITH HAIL	00
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00

MAXIMUM ATMOSPHERIC PRESSURE 27th)	1028.0 MB (05 th , 08 th &
MINIMUM ATMOSPHERIC PRESSURE	1005.0 MB (23rd)
MEAN ATMOSPHERIC PRESSURE	1019.1 MB (34YR MEAN) 1016.4 MB
MEAN SW SEA TEMP (MAY 1986-2021 AV)	11.5C
10YR RUNNING MEAN SW SEA TEMP (MAY 2012-2021)	11.8C
MEAN SW SEA TEMP MAY 2022:	13.3C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A LOW (1017MB) N IRELAND PUSHED A FRONTAL SYSTEM ACROSS THE REGION AS PRESSURE DECLINED.

ON THE 2ND THERE WAS A VERY WEAK RIDGE OF HIGH PRESSURE (FROM A HIGH 1035MB SE GREENLAND).

THE 3RD SAW A WEAK RIDGE PERSISTING WHICH CONTINUED ON THE 4TH.

ON THE 5TH A HIGH (1029MB) NE OF AZORES PUSHED A RIDGE TO AND OVER THE UK, IRELAND AND FRANCE.

BY THE 6TH THE HIGH (1030MB) HAD MOVED TO BISCAY WHILST MAINTAINING A RIDGE TO ENGLAND, IRELAND AND FRANCE WHICH CONTINUED ON THE 7TH.

BY 8TH THE HIGH (1032MB) WAS IN THE MID NORTH SEA WITH A RIDGE TO THE AZORES (HIGH 1025MB).

THE 9TH SAW THE RIDGE WEAKENING BEFORE A COLD FRONT CLEARED OVERNIGHT.

ON THE 10TH A SLIGHTLY SHOWERY SW AIRSTREAM PREVAILED.

ON THE 11TH A COLD FRONT CLEARED MIDDAY, BEING FOLLOWED BY A FRESH WESTERLY AIRFLOW WHICH CONTINUED ON THE 12TH.

ON THE 13TH THERE WAS A WEAK RIDGE (FROM A HIGH 1026MB WEST OF BRITTANY).

BY THE 14TH THE HIGH (1023MB) HAD MOVED TO BELGIUM AS A WEAKENING RIDGE PERSISTED. A SHOWER TROUGH ARRIVED LATE-AFTERNOON BEFORE CLEARING IN THE EVENING.

ON THE 15TH A SHOWER TROUGH ARRIVED FROM THE SOUTH BEFORE CLEARING OVERNIGHT.

ON THE 16TH AN OCCLUSION MOVED UP FROM THE SW WHICH WAS FOLLOWED BY A SHOWER TROUGH.

THE 17TH SAW A LOW (970MB) MOVE UP FROM NEAR THE AZORES WHICH SLOWLY PUSHED AN OCCLUSION ACROSS THE REGION, CLEARING MID AFTERNOON.

ON THE 18TH A SHOWER TROUGH MOVED UP FROM THE SOUTH TO BE FOLLOWED BY A COLD FRONT, CLEARING IN THE EVENING.

ON THE 19TH THERE WAS A RIDGE OF HIGH PRESSURE (FROM A HIGH 1022MB NORMANDY) AND ON THE 20TH AN OCCLUSION MOVED EASTWARDS AND CLEARED.

THE 21ST SAW A RIDGE (FROM A HIGH 1023MB NE FRANCE) BEFORE PRESSURE FELL ON THE 22ND AS A WEAKENING OCCLUSION EDGED IN DURING THE EVENING.

ON THE 23RD A SHOWERY WESTERLY AIRSTREAM PREVAILED WHICH CONTINUED ON THE 24TH.

ON THE 25TH AN OCCLUSION MOVED IN AND CLEARED EARLY AFTERNOON.

THE 26TH SAW A BROAD WARM SECTOR COVERING THE UK BEFORE A WEAK COLD FRONT CLEARED OVERNIGHT.

ON THE 27TH PRESSURE ROSE STEADILY AS A HIGH (1030MB) FORMED AT 48N/10W WHICH DOMINATED THE WEATHER ACROSS THE UK AND IRELAND BEFORE IT INTENSIFIED AND MOVED TO BE (1033MB) SE ICELAND WHILST MAINTAINING THE RIDGE TO THE UK, IRELAND AND

NW EUROPE ON THE 28TH. THIS CONTINUED ON THE 29TH BEFORE WEAKENING LATER AS A SHOWER TROUGH FORMED OVER THE HIGH GROUND OF CORNWALL AND DEVON BEFORE CLEARING EARLY EVENING.

ON THE 30TH A 'COL' AREA OF SLACK PRESSURE COVERED ENGLAND WHICH BECAME SHOWERY IN NATURE.

THE 31ST SAW A SLACK AREA OF LOW PRESSURE.

THE MAIN ATLANTIC JET STREAM WAS MOSTLY TO THE WEST OR SOUTHWEST OF THE BRITISH ISLES UP TO MID MONTH AND THEREAFTER IT WAS OFTEN OVER THE UK. TOWARDS THE MONTH'S END, IT BECAME WEAKER & MORE FRAGMENTED.

MAY TURNED OUT TO BE ANOTHER MONTH WHICH WAS DRIER AND WARMER THAN AVERAGE. ALTHOUGH THERE WERE MANY DAYS WITH RAIN, THE ACTUAL AMOUNTS WERE GENERALLY LOW AND IT WAS IN FACT THE DRIEST MAY HERE SINCE 2019.

THE MEAN MAX TEMP. AND THE MEAN TEMP WERE BOTH NEW RECORD 'HIGHS' FOR ANY MAY SO FAR.

THE MEAN MIN TEMP WAS THE HIGHEST IN ANY MAY SINCE 2011.

THE MEAN SW SEA TEMPERATURE IS ALSO A NEW 'HIGH' FOR ANY MAY SO FAR. (RECORDS BACK TO 1986).

THE MAXIMUM (ESTIMATED) WIND GUST FOR THE MONTH WAS 26KT (30 MPH) DURING THE MID AFTERNOON OF THE 25TH.

THE PREDOMINANT WIND DIRECTION WAS EQUALLY WESTERLY AND SOUTHWESTERLY, FOLLOWED BY NORTHEASTERLY.

THE SPRING AS A WHOLE WAS THE DRIEST SINCE 2011.

THE MEAN MAX TEMP WAS EQUAL HIGHEST WITH 2011.

THE MEAN MIN TEMP WAS THE HIGHEST SINCE 1999

THE MEAN TEMP WAS A NEW HIGHEST ON RECORD FOR ANY SPRING SO FAR RECORDED HERE.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: stithiansweather.co.uk

ALL READINGS TAKEN BY PAUL RICHARDS AT 40 CRELOW FIELDS,
STITHIANS. MAIN OBSERVATIONS ARE CARRIED OUT AT 0900 GMT AND
2100 GMT 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