

STITHIANS WEATHER SUMMARY

OCTOBER 2025

HIGHEST MAXIMUM TEMPERATURE	18.0C (01ST)
HIGHEST MINIMUM TEMPERATURE	14.7C (03RD)
LOWEST MAXIMUM TEMPERATURE	11.0C (23RD)
LOWEST MINIMUM TEMPERATURE	04.2C (30TH)
MEAN MAXIMUM TEMPERATURE	14.5C (10YR) 14.6C (37YR) 14.0C
MEAN MINIMUM TEMPERATURE	10.3C (10YR) 08.7C (37YR) 08.4C
MEAN TEMPERATURE FOR MONTH	12.4C (10YR) 11.6C (37YR) 11.2C
MAX DAILY TEMPERATURE RANGE	11.8C (08TH)
MEAN DAILY TEMPERATURE RANGE	04.2C
TOTAL RAINFALL FOR THE MONTH	125.2 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	149.9 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	146.3 MM
MAXIMUM RAINFALL IN 24 HOURS	29.4 MM (22ND)
RAIN DAYS (0.2MM OR MORE)	19
WET DAYS (1.0MM OR MORE)	16
DAYS WITH RAIN INCLUDED	20
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	1036.0 MB (10TH)
MINIMUM ATMOSPHERIC PRESSURE	984.0 MB (23RD)
MEAN ATMOSPHERIC PRESSURE	1015.5 MB (37YR MEAN) 1013.6 MB
MEAN SW SEA TEMP	
OCTOBER 1986-2024 AV)	14.7C
10YR RUNNING MEAN SW SEA TEMP	14.7C
MEAN SW SEA TEMP OCTOBER 2025:	14.6C

NOTES

SYNOPTIC SITUATION: ON 1ST THERE WAS A RIDGE OF HIGH PRESSURE. THE 2ND SAW PRESSURE DECLINING AS A FRONTAL SYSTEM ARRIVED DURING THE EVENING. ON 3RD A NEW LOW (964MB) STORM 'AMY' TO THE N.W. OF GALWAY PUSHED A WARM FRONT, THEN A WARM SECTOR UP FROM THE SOUTHWEST BEFORE THE COLD FRONT CLEARED LATE EVENING. ON 4TH A SHOWERY WESTERLY AIRSTREAM ARRIVED AS STORM 'AMY' (944MB) MOVED TO THE SHETLANDS. THE 5TH SAW PRESSURE RISING STEADILY AS A RIDGE MOVED IN. ON 6TH A HIGH (1029MB) FORMED OVER WESTERN FRANCE & EXTENDED A RIDGE TO & OVER THE U.K. THERE WAS LITTLE CHANGE ON THE 7TH. ON 8TH A WEAK COLD FRONT MOVED SOUTHEASTWARDS & CLEARED AS PRESSURE ROSE. THE 9TH SAW A HIGH (1034MB) MOVE TO THE WEST OF THE ISLES OF SCILLY & THIS BECAME THE DOMINANT FEATURE OVER THE U.K. & IRELAND. ON 10TH THE HIGH (1034MB) MOVED TO KERRY & BY 11TH IT HAD MOVED TO DUBLIN (1036MB). BY 12TH THE HIGH (1034MB) MOVED TO THE NORTH OF NORTHERN IRELAND. ON 13TH THE HIGH (1032MB) WAS OVER THE SCOTTISH HIGHLANDS. BY 14TH THE BLOCKING HIGH (1034MB) HAD MOVED TO THE WEST OF STORNOWAY. THE 15TH SAW LITTLE CHANGE , AS DID THE 16TH ALSO. ON 17TH THE HIGH (1027MB) HAD MOVED TO N.E. ENGLAND. THE 18TH SAW THE HIGH (1029MB) MOVE TO SOUTHERN DENMARK AS PRESSURE FELL STEADILY & A FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST. ON 19TH A LOW (977MB) PUSHED A COLD FRONT THROUGH AROUND MIDDAY, WITH THE LOW CENTRED AT 52.5N/16W BEFORE ANOTHER OCCLUSION CLEARED DURING THE EVENING. ON 20TH

A LOW (980MB) MOVED INTO THE CELTIC SEA. BY 21ST THE LOW (986MB) HAD MOVED INTO THE NORTH SEA AS A SHOWERY WESTERLY MOVED IN. ON 22ND A LOW (990MB) MOVED UP FROM THE SOUTHWEST DURING THE AFTERNOON, THIS EVENTUALLY MOVING UP THE ENGLISH CHANNEL TO BE CENTRED OVER THE SOUTHERN NORTH SEA (975MB) BY 1200 G.M.T. ON 23RD AS A SHOWERY W.N.W. AIRSTREAM ARRIVED. (THIS LOW WAS STORM 'BENJAMIN'). THERE WAS LITTLE CHANGE ON 24TH. A SHOWERY N.W. AIRSTREAM ARRIVED ON 25TH. THE 26TH SAW A LOW (992MB) TO THE S.E. OF ICELAND PUSH A FRONTAL SYSTEM DOWN FROM THE N.W. DURING 27TH A WEAK COLD FRONT LINGERED TO THE NORTHEAST OF CORNWALL. ON 28TH A WEAK COLD FRONT PERSISTED OVER SOUTH & SOUTHWEST ENGLAND AS A LOW (989MB) BECAME SLOW MOVING OVER THE HEBRIDES. ON 29TH THE COLD FRONT CLEARED TO THE S.E. DURING EARLY AFTERNOON. ON 30TH A LOW (959MB) AT 52N/20W PUSHED A WARM FRONT AND WARM SECTOR UP FROM THE SOUTHWEST. THE 31ST SAW THE COLD FRONT CLEARING EASTWARDS EARLY AFTERNOON, CLOSELY FOLLOWED BY AN OCCUSION WHICH CLEARED DURING THE EVENING. THE MAIN ATLANTIC JET STREAM WAS MOSTLY TO THE N.W. OF THE U.K. DURING THE FIRST 12 DAYS. FROM 13TH-16TH IT WAS TO THE NORTH & TO THE WEST OR SOUTHWEST FROM 17TH-25TH & IT WAS OVER THE U.K. FOR THE REMAINDER OF THE MONTH. OCTOBER TURNED OUT TO BE A LITTLE WARMER & DRIER THAN AVERAGE. RAINFALL LEVELS DECREASED FOLLOWING HEAVIER FALLS OF 13.3MM & 13.5MM ON THE 2ND & 3RD RESPECTIVELY. FROM THE 18TH ONWARDS IT BECAME MORE CHANGEABLE WITH RENEWED RAINFALL RECORDED ON ALL OF THE SUBSEQUENT DAYS. ALTHOUGH MEAN MAX. TEMPERATURES WERE CLOSE TO NORMAL, OFTEN OVERCAST SKIES OVERNIGHT RESULTED IN THE MEAN MIN. TEMPERATURE BEING 1.6C ABOVE AVERAGE. THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 27KT (31 M.P.H.) ON THE 4TH & THE PREDOMINANT WIND DIRECTION AT THE 0900 G.M.T. OBSERVATION WAS SOUTHWESTERLY. IT WAS THE DRIEST OCTOBER RECORDED HERE SINCE 2022. THE LOWEST MIN. TEMPERATURE WAS A NEW 'HIGHEST' FOR ANY OCTOBER RECORDED HERE & THE MEAN TEMPERATURE WAS THE WARMEST IN OCTOBER SINCE 2023. THE MONTH ALSO SAW THE LOWEST NUMBER OF DAYS WITH RAIN RECORDED IN OCTOBER SINCE 2018.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: stithiansweather.co.uk THIS NOW INCLUDES A DIRECT LINK FOR OUR STITHIANS WEATHER STATION LIVE WEATHER DATA FEED (VIA WUNDERGROUND).

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. A LIVE WEATHER DATA FEED FROM OUR STITHIANS WEATHER STATION IS NOW ALSO SENT TO: www.wunderground.com