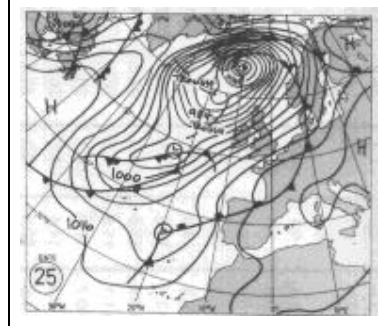
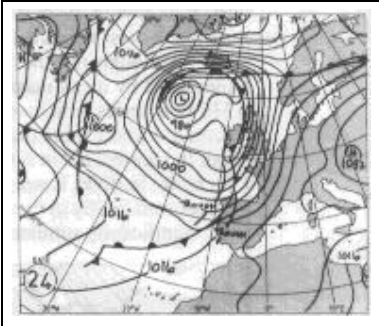


Weather Report for Uddington, Strathclyde - 24th October 1995

General UK Synopsis

A deep (965Mb) low moved easterly and north easterly off the coast of north west Scotland late on the 24th. This brought storm and violent storm force westerly and south-westerly winds to the western seaboard and highlands around midnight on the 24th and into the early hours of the 25th. Wind gusts in excess of 100mph were recorded around Fort William and offshore.



Hourly Report 1200 24/10/95 - 0100 25/10/95

Data is from Glasgow Airport ~30 miles to the north west of Uddington and is likely to be reasonably representative. 'Speed' refers to the 10 minute mean wind with the maximum gust recorded in brackets. (1 Knot = 1.152mph) Significant weather is in bold.

GMT	Dirn	Speed (Knots)	Temp (°C)	Visibility (Km)	Weather
1200	SE	20 (31)	16	14.0	Slight intermittent rain
1300	SE	20 (36)	16	10.0	Moderate continuous rain
1400	SE	25 (35)	16	12.0	Slight intermittent rain
1500	S	20 (36)	16	9.0	Slight continuous rain
1600	S	15 (31)	16	6.0	Moderate continuous rain
1700	S	15 (25)	15	15.0	Moderate continuous rain
1800	S	15 (30)	14	6.0	Moderate continuous rain
1900	SE	20 (33)	15	8.0	Moderate continuous rain
2000	SE	15 (36)	15	18.0	Slight intermittent rain
2100	SE	25 (35)	16	15.0	Slight intermittent rain
2200	SE	40 (70)	13	20.0	Slight intermittent rain; violent storm
2300	SW	40 (60)	8	4.5	Moderate intermittent rain; severe gale
25th					
0000	WSW	25 (52)	8	12.0	Moderate continuous rain
0100	SW	25 (37)	9	15.0	Slight intermittent rain

Conclusion

For a very brief period, shortly before midnight, in Glasgow, the wind was of violent storm force. Uddington is likely to have experienced maximum wind speeds ~15-20% less than this but gusts would still have been of gale or severe gale force, *and they would have occurred very suddenly*. Rainfall for the 12 hours from midday on the 24th was ~12mm, and some standing water is likely. A gale warning was issued, but wind gusts appear to have been significantly higher than those forecast, and the violence of the event seems to have taken forecasters slightly by surprise.

Richard J Wild (BSc., M.Phil., FRMetS, FRGS)

Weather Services Commercial Manager - 6th December 1998