

## Extreme Weather Events 1771-2007

Date	Event
16 <sup>th</sup> Nov 1771	Solway Moss Landslide 20 farmhouses buried
1908	Train blown off Ulverston Viaduct
September 20 <sup>th</sup> 1919	Heavy snowfall down to 800ft
February 1932	Seathwaite – no rainfall throughout the whole month
1940 – no further date known	Barrow area severe snowstorm 2feet level snow with drifts to 8feet buses and trains buried ( lack of detail as due to WW2)
1954	Sprinkling Tarn 257” rainfall (6500mm) UK Record ?
10 <sup>th</sup> August 1958	Severe and long lasting T/storms Scafell area. Rainfall estimated at 6” per hour. Changed the look of the screes for ever more. Large boulders ended up as far away as Eskdale
October 1967	Wettest for 100years 29” Rainfall at Langdale
August 1969	Warmest in 10years
20 <sup>th</sup> August 1969	Freak T-storm Bewcastle 4” (100mm) Rainfall
April 1970 21-22 <sup>nd</sup>	Continuous Rainfall - Borrowdale 6”, Seathwaite 7.15” and Sty Head 8”
August 9 <sup>th</sup>	Earth Tremor Kirkby Stephen
June 1970	Prolonged dry spell 1-21st
	Ambleside 89F 10th
June 11 <sup>th</sup>	Freak T-storms Langdale to Blea Tarn Rd washed away. Hail ¼” diameter
November 1970	91mph Gust Langdale. 64mph Carlisle structural damage reported
April 1971	Drought 30 <sup>th</sup> March - 14 <sup>th</sup> April
August 1972	Drought 20-31 <sup>st</sup> – No Rain recorded generally
February 1 <sup>st</sup> 1972	Widespread snow 22cm at Hawkeshead
July 23 <sup>rd</sup> 1972	T/storms 43mm in one hour Ambleside
September 1972	Driest Sept on record Rydal/Windermere 24-25days no rain
April 1 <sup>st</sup> 1973	Pennine Roads blocked with snow
30 <sup>th</sup> November 1973	Cold -11.6c in Carlisle, coldest city in Europe
April 1974	Driest April since 1903
August 1975	Warmest for 20 years
22 <sup>nd</sup> January 1975	Major flooding Ambleside

28 <sup>th</sup> January 1975	30cm of snow Kirkstone Pass
June 1975	Drought 6-30 <sup>th</sup> June ( North) no rain
August 1976	Driest since 1947, sunniest since 1935
December 1976	Consistently Cold throughout, colder than Winter 62/63
2 <sup>nd</sup> January 1976	Widespread Gales, damage
11 <sup>th</sup> June 1977	Hill snow
30 <sup>th</sup> October 1977	Wettest Day of the century !, widespread flooding, Landslide A591 Thirlmere
1 <sup>st</sup> January 1979	Severe Frosts -11.5c at Carlisle,
5 <sup>th</sup> January 1979	Severe frosts -18c at Appleby, -16c at Hawkeshead
14 <sup>th</sup> February 1979	Blizzards. Appleby 30cm, High passes closed for several days
Winter of 1979	Statistically coldest since 1962/63
March into April 1980	35days no Rain
May 1980	Driest in 55 years
24 <sup>th</sup> April 1981	Blizzard 35cm at Whasdyke, Drifts 4-5ft 15cm at Newtown Rigg
December 1981	Exceptionally Cold, Coldest this century. 13 <sup>th</sup> 25cm snow at Ambleside, 19 <sup>th</sup> 30cm of snow at Whasdyke, deep drifts December 1981 colder than Jan 1979 1963, Feb 1963 and Feb 1947. Not as cold as Jan 1940 ( -21.1c at Ambleside 21 <sup>st</sup> 1940)
February 1981	No rain 5 <sup>th</sup> -26th
January 1982	2 <sup>nd</sup> /3 <sup>rd</sup> Flooding rain and melting snow, River Brathay 2ft over the road at Brathay Hall. 2 <sup>nd</sup> /3 <sup>rd</sup> Honister 265mm UK 48hr record
January 1982 6 <sup>th</sup> -15 <sup>th</sup>	V Cold, -10c generally. Windermere froze -13.9c at Carlisle, record for January
3 <sup>rd</sup> March 1982	Gales 78mph Carlisle
July 1982	Drought 16 <sup>th</sup> -30th
6 <sup>th</sup> July 1982	Severe t/Storms Carlisle area 50mm in 1-2hrs caused flooding
19 <sup>th</sup> December 1982	Widespread Flooding, particularly Ambleside and Coniston. Waterhead Car park under water. Reason rain and melting snow. Coniston 89mm in 3hrs Roads 3feet under water
July 1983	Hot 6 <sup>th</sup> -14 <sup>th</sup> .; Hottest month in 25years possible since 1930
17 <sup>th</sup> July 1983	Severe t/Storms. Person killed by lightning at Easdale.
13 <sup>th</sup> January 1984	Blizzards, accumulated snowfall 53cm at Ambleside, 45-50cm at Grasmere and Whasdyke
31 <sup>st</sup> January 1984	Wind and Tide reduced Arnside Pier to rubble

May 1984	Very dry generally, driest May in Ambleside for 50years
July 1984	DRY, private water supplies reported dry by mid July
3 <sup>rd</sup> November 1984	Very wet. M6 South of Carlisle blocked by flooding
August 1985	Exceptionally wet, Wettest August for 25years, Grasmere 537mm wettest August going back to 1891 when 456mm fell
14 <sup>th</sup> December 1981	Very wet, Rescues reported of people in Carlisle from flood water. Flooding in Keswick up to 5 feet deep. Boats used in Shap to rescue people !
February 1986	Very Cold throughout. 21 <sup>st</sup> -14.8c in Carlisle. Many lakes frozen
January 1987	Severe cold .13 <sup>th</sup> -4.9c Max at Carlisle -12.7c at Aspatria (min) . Reports of penetrating frosts and damage to water supplies
27 <sup>th</sup> March 1987	Heavy rain, considerable flooding throughout Cumbria. 2 Day totals 223 Honister, 201mm at Coniston
July 1988	Wettest July this century
12 <sup>th</sup> September 1988	Earthquake 2.9 on the Richer Scale, felt at Ambleside, Windermere and Hawkeshead
9 <sup>th</sup> march 1989	Windermere Lake rose to 133.25ft or 5 feet above normal, caused ferry to stop running. March was wettest in the central lakes since 1932
4 <sup>th</sup> February 1990	River Eden in full flood
25/26 <sup>th</sup> February 1990	Very stormy, many trees felled and roads blocked. Report of 1000 trees felled in Esthwaite
February 1990	Keswick - wettest February in 150years
February 1991	Long cold spell, Heavy drifting snow in Pennine areas 6-8 <sup>th</sup> 20cm in Brampton on the 7th
1992 – June	Driest since 1925 in Coniston, Driest oOn record in Hawkeshead and Carlisle
20 <sup>th</sup> July 1993	Flash Flooding Sedbergh area 700mm in 5hrs following a t/storm
3 <sup>rd</sup> Feb 1994	Gales East Cumbria, trees brought down
23 <sup>rd</sup> Feb 1994	Heavy Snow South Cumbria 33cm at Sawrey,30cm at Grizedale,25cm at Ambleside. Traffic chaos in the Furness area
1995 – August	Driest throughout Cumbria since 1947. 16% normal rainfall. Hosepipe Ban from the 16 <sup>th</sup> . River Lune at 6% normal flow rate

31 <sup>st</sup> Jan 1995	Prolonged rainfall Central Fells area, much flooding and roads blocked. Thirlmere- Dunmail Raise covered with large boulders. Honister 225mm in 48hrs
11 <sup>th</sup> July 1995	Violent T/storm Cartmel and Furness areas. Cartmel Priory struck by lightning. Roads blocked by rubble in Great Urswick
29 <sup>th</sup> November 1995	Hosepipe Ban lifted ( August 16 <sup>th</sup> )
December 1995	Very cold after Christmas. Ice Floes on the Solway. Max of -6.7c at Aspatria 27th
5 <sup>th</sup> February 1996	Disruptive snowfall 23cm widely. 48cm by the 6 <sup>th</sup> Feb in Places ( Poss Penrith need to confirm)
28 <sup>th</sup> October 1996	Remnants of Hurricane Lilli , destructive winds through Cumbria
10 <sup>th</sup> February 1997	Strong winds and high tides, coastal flooding
17 <sup>th</sup> Feb 1997	Prolonged rainfall A590 at Thirlmere blocked for 4 days by large boulders and debris
13 <sup>th</sup> July 1997	T/storms caused local flooding North Cumbria . Wetheral 54.7mm and Drumburgh 43.7mm
24/25 <sup>th</sup> December 1997	Storm Force Winds, widespread damage and power failures
26 <sup>th</sup> December 1998	Damaging winds . Gust to 80knots recorded, widespread damage. Worst winds since 1966
28 <sup>th</sup> November 1999	Flooding in the Keswick Town area 60mm in 12hrs
24 <sup>th</sup> December 1999	Gales, structural Damage
19 <sup>th</sup> September 2000	Heavy Rain, general flooding North and North East Cumbria
28 <sup>th</sup> Jan 2002	Severe Gales. Gust in excess of 70mph. M6 closed at Shap lorries overturned. Main Rail line closed
24 <sup>th</sup> February 2002	Heavy snowfall East Cumbria 18cm level with drifts to 1m
25 <sup>th</sup> February 2002	Heavy rain and snow melt combined to create widespread flooding especially Eden Valley
30 <sup>th</sup> July 2002	T/storms Penrith area 40-50mm in an n hour. Widespread flooding and business affected
31 <sup>st</sup> December 2003	Blizzard East Cumbria, power cuts
28 <sup>th</sup> Jan 2004	Intense cold front brought heavy snow and whiteout conditions 4cm in Carlisle in 40mins city traffic at a standstill. A69 near Brampton stationary traffic
3 <sup>rd</sup> August 2004	Severe t/storms. Wet month in general East Cumbria 300% normal rainfall

7 <sup>th</sup> /8 <sup>th</sup> January 2005	Worst flooding in 140 years. Carlisle very affected with loss of life and power cuts for several days. Gales also affected area 80-90mph gusts at low level Great Dun Fell reported 128mph
24 <sup>th</sup> Feb 2005	Blizzards Pennines, worst snowfall in Alston for 20years. Drifts 10feet deep and roads blocked.
12 <sup>th</sup> March 2006	General snowfall of over 20cm with drifting. 30cm in Grasmere and A590 closed by the 13 <sup>th</sup> a rare event.
July 2006	Heat wave 31c throughout Cumbria
10 <sup>th</sup> Dec 2006	Widespread flooding. Grasmere 110mm. Wettest December since 1852