

RAINFALL AT High Bentham

Lat.

Lon.

County of

W.R. York Northern

Sunder Rain Gauge, by
Rune - 1.

Observer Mr Bryan Holmes

Diameter ..							5			
Height ..							1 0			
Altitude ..							412 T			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
										MEANS.
January ..							5.20	1.84	4.24	2.74
February ..							3.14	2.30	3.22	2.84
March ..							3.65	3.97	3.41	3.26
April							1.84	2.19	2.30	3.55
May							4.99	3.76	2.76	1.95
June							2.72	6.46	2.63	2.37
July							2.40	3.07	3.96	7.13
August							4.92	4.51	4.18	4.05
September ..							1.67	.62	4.92	3.00
October							6.09	3.71	1.29	4.94
November ..							4.32	2.86	3.57	1.85
December ..							2.75	5.45	3.23	5.46
TOTALS ..							43.19	40.74	39.71	42.13

1906 High Bentham Church 1/2 Mile S

Bentham Station 1/3 S

House 45 ft high 54 ft E

Beach tree 30-35 ft. 40 NE

N.B. Rejected from Survey as 5° low.

RAINFALL at High Bentham, Inglefield

County of W.R. Yorkshire

Observer Mr Bryan Holmes

River Basin Lune 1

Snowdon Rain Gauge, by Howard Wilson

Diameter ...	5										
Height	1 0										
Altitude ...	412 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.17	1.68	3.35	4.07	4.20	4.88	3.83	2.59	3.85	5.55	
February ...	6.63	4.78	1.66	1.94	3.97	5.54	3.96	1.14	5.62	1.23	
March	1.06	1.45	4.99	5.29	4.74	1.64	1.80	2.59	1.37	5.01	
April	2.20	2.88	1.11	5.01	.95	2.25	2.88	1.79	1.18	2.09	
May	2.11	2.02	1.93	2.36	2.86	1.22	2.94	1.59	2.05	1.94	
June	2.63	3.50	5.58	2.71	1.16	.53	2.79	2.67	2.10	1.60	
July	4.35	.72	4.05	.94	4.54	4.98	3.15	1.72	5.10	1.55	
August	6.95	3.03	4.27	2.63	2.32	3.68	3.61	7.43	4.84	3.73	
September ..	.31	3.60	2.21	2.88	2.61	1.07	2.67	4.32	9.74	5.90	
October ...	3.12	4.51	3.23	1.73	1.81	.70	9.58	5.60	3.95	2.20	
November ...	3.48	4.86	3.58	4.86	6.10	1.55	3.07	4.13	3.42	2.84	
December ...	4.31	7.37	3.96	3.17	5.93	5.56	3.56	2.08	6.55	5.93	
TOTALS ...	42.32	40.40	39.92	37.49	41.19	33.60	43.84	37.65	49.82	36.25	
	70	70	70	70	70	70	70	70	70	70	

1912 House 45 ft high 54 ft E
 tree 20 ft. 40' NE
 35° 45° 35°

N.B. Rejected from Survey as 5° low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Bentham	1/3 m	S	High Bentham 1/2 mile		S

RAINFALL at High Bentham Inglefield

County of N.W. Yorkshire

Observer Mr. Bryan Holmes

River Basin June 1

Mr. Geoffrey Holmes - 1922

Snowdon Rain Gauge, by Howard Wilson

Diameter ...	5"											
Height	1	0										
Altitude ...	412											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	6.07	6.90	4.00	4.50	3.04	3.94	4.10	4.85	9.65	1.78	6.74	
February ...	3.51	2.6	3.87	6.69	8.5	6.23	4.89	2.52	5.68	.81	.31	
March	4.65	4.25	1.72	1.29	1.41	1.24	2.06	3.57	3.16	.83	2.82	
April	3.63	1.04	2.17	3.47	1.82	3.03	1.85	3.49	1.04	1.45	1.72	
May	5.31	2.50	2.56	3.54	5.10	3.81	2.30	1.60	.69	2.26	1.50	
June	2.16	.88	2.98	.97	2.54	.20	2.94	3.15	6.85	1.68	1.96	
July	6.23	1.65	5.48	5.09	4.15	2.86	3.10	3.93	5.20	3.93	4.71	
August	1.89	6.18	4.26	5.29	4.13	5.40	4.22	6.44	6.24	6.21	6.25	
September...	2.08	2.37	4.35	5.33	4.57	3.03	4.87	7.15	1.61	2.24	2.21	
October.....	1.62	2.89	1.26	8.11	4.61	4.50	3.26	4.57	6.09	7.63	7.22	
November...	2.14	2.79	1.90	6.72	3.84	2.03	6.90	4.35	6.59	7.88	4.35	
December...	3.10	7.23	4.80	4.01	6.73	3.27	1.29	.86	3.25	9.48	3.85	
TOTALS...	41.39	38.94	39.35	50.01	42.79	39.54	41.82	46.48	56.03	46.23	43.614	

1920 House 45 ft. high 63° E
Tree 55° 40' " 65° NE

1928 House 45 ft. high 54 ft. E.

N.B. Rejected from Survey as 5° low.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction
1920			Bentham	1/2 mi S	St. Margaret's

RAINFALL at High Bentham (Inglefield)

County of West Riding

Observer Geoffrey Holmes Esq.

River Basin Lune - 1

Type of Gauge Standard Mo 1920

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	5.										
Height	1.0.										
Altitude	412.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.60	6.08	3.84	4.67	1.96	4.65	4.16	6.18	5.13	2.23	
February	4.45	1.15	4.34	2.28	5.49	2.28	6.54	1.68	3.64	1.65	
March	.63	2.50	2.19	2.36	1.23	2.26	1.75	1.31	2.06	3.66	
April	2.83	3.10	1.88	2.27	3.23	.72	0.47	.99	2.03	2.39	
May	1.35	4.15	2.31	3.73	.91	1.17	3.15	3.62	.71	1.56	
June	4.61	1.49	2.38	3.09	4.02	2.58	2.92	4.14	3.84	1.01	
July	4.03	4.87	4.11	2.67	3.09	4.36	2.47	4.62	5.48	5.95	
August	2.78	1.41	1.92	5.00	1.84	2.93	1.70	4.70	2.60	2.95	
September	1.85	5.27	1.19	3.48	9.06	3.80	2.71	2.13	2.17	5.06	
October	2.30	6.00	3.92	6.32	7.56	5.09	1.74	11.14	2.16	5.14	
November	6.03	3.06	2.13	.91	4.11	5.21	1.47	5.59	5.96	4.48	
December	3.59	2.36	(0.68)	5.68	2.62	5.97	1.94	6.34	2.58	4.21	
TOTALS	39.05	40.44	(30.87)	40.46	45.12	41.42	34.02	52.44	38.36	40.29	
	D	D	D	D	D	D	D	D	D	D	

1931. House 45' high 54° E 1933 December part estimated by near stations.

Inspected 1934:- Gauge of standard pattern. Small leak at rim. Bottom of outer can should be repaired. Recommended rain be caught in narrow-necked bottle. Measure correctly graduated. Recommended gauge be set up at edge of tennis lawn in site selected or else aim with turf wall in field used for chickens.

1936. Old gauge scrapped & new bought into use in April/May.

1938. This is the first record by the new gauge placed on the tennis lawn as suggested by Mr. Stampfle.

NB Annual Average 1906-30 reflected from Survey as 5° low.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Bentham	1/2 mi	S	St. Margarets	1/2 mi	S

RAINFALL at High Bentham (near Grange).

County of York, Eng.

Observer G. Holmes.

River Basin ...

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter											
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October					Imp						
November					.94						
December					5.97						
TOTALS					Imp						

1936. New gauge brought into use in lieu of old - swapped in April/May.

Position of Station on reduced Ordnance Survey Map, } No. of Map Reference No.
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3069

RAINFALL at High Bentham (Anglefield)

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County of West Riding

Observer Gaffrey Holmes Esq.

River Basin Lune - 1

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

File No. 283571/33

Diameter	5		582	911						
Height	1'	0"			1					
Altitude	412				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	1.15	4.52	6.32	5.25	3.75	4.04	4.46	8.39	3.08	3.13
February	5.48	1.64	2.57	1.66	5.12	4.43	1.25	2.74	3.48	6.61
March	3.03	2.94	1.69	.61	2.64	0.99	6.79	3.64	1.62	1.95
April	1.11	1.78	2.88	2.99	2.48	1.33	3.99	2.12	5.08	3.04
May	2.69	3.49	3.44	2.58	2.91	1.61	3.60	1.68	2.16	1.75
June	.56	1.59	3.79	3.81	4.09	3.56	2.91	4.57	1.09	3.44
July	2.24	5.10	3.65	4.51	2.50	5.01	4.02	3.30	3.14	4.18
August	4.73	4.25	7.08	3.07	3.03	8.65	.07	4.29	3.04	8.31
September	1.36	4.30	3.80	5.77	4.29	6.53	3.64	4.54	1.73	7.92
October	7.96	5.96	4.95	6.34	7.10	0.77	.54	3.82	6.22	4.20
November	2.99	1.07	1.96	6.99	.17	6.18	7.97	3.80	5.46	6.24
December	2.66	4.29	2.72	4.92	2.46	5.03	2.70	4.03	6.85	2.62
TOTALS	35.90	40.93	44.85	48.50	40.54	48.13	41.94	46.92	43.85	52.39
	D	D	D	D	D	D	D	D	D	D

1944 g. moved in March 64 ft. E. Hours 48' high 54' E.

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No.
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Bentham	1/2 m.	S.	St. Margaret's	1/2 m. S.

Station No. 3069

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RAINFALL at High Bentham (Inglefield)
 County of West Riding Yorks Observer Geoffrey Holmes Bay.
 River Basin Line 1
 Type of Gauge M.D.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " 43.85 " 37 " within 1916-56 " " 1916-50
 File No. 283574/33

Diameter	5"		582	911							
Height	1' 0"				1						
Altitude	412'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.47	5.09	2.34	4.81	2.48	3.77	5.11				
February	4.74	1.26	2.28	3.75	1.69	.80	4.27				
March	4.45	2.07	.86	2.87	1.72	1.81	3.15				
April	3.01	2.71	2.80	1.43	2.13	1.79					
May	1.20	2.57	1.80	3.34	3.41	2.20					
June	1.37	3.87	2.37	3.27	2.81	2.57					
July	3.18	2.56	5.42	7.05	1.21	4.18					
August	3.53	6.59	4.72	7.31	1.37	12.47					
September	3.64	3.67	7.41	6.50	3.64	3.06					
October	2.25	4.56	2.09	10.85	3.41	2.36					
November	8.10	1.78	5.42	8.57	2.65	1.32					
December	10.98	3.94	2.16	6.62	6.45	6.04					
TOTALS	51.52	40.67	39.67	66.39	32.97	42.37					
	D	D	D	D	D	D	n/a				

1967. Gauge moved to Austwick (Townhead) August 1967.

1957 info. inc.

✓

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference SD(3)46697			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1952			Bentham	1/2 mi	S	St Margarets	1/2 mi S

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓
		✓	✓	b66d33	✓	
(62) Wt. 13072-389 10M 6/30 T.S. 841						