

RAINFALL AT High Bentham Englefield
 Lat. Lon. County of W R York Northam
Smother Rain Gauge, by Observer Mr Bryan Holmes
Rune - 1.

Diameter ..							5				
Height ..							10				
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	2.25	
April							1.34	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	4.13	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
 Beech tree 30-35 ft - 40 " NE

N.B. Rejected from survey as 5" low.

RAINFALL at High Bentham, InglefieldCounty of W.R. YorkshireObserver Mr Bryan HolmesRiver Basin Lune 1Snarston Rain Gauge, by Howard Wilson

Diameter ...	5										
Height	1	0									
Altitude ...	412	7									
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	5.23	
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	2.15	1.60	
July	4.35	.72	4.05	.94	4.54	4.98	8.15	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	5.20	
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	
	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	

1912 Home 45 ft high 54 ft E
 tree 26.25 40 NE
 35 ft 50 55

n/o. 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 Ingfield*County of *R.R. Yorkshire*Observer *Mr. Bryan Holmes*
*Mr. Geoffrey Holmes - 1922*River Basin *Lune 1**Snowdon* Rain Gauge, by *Housand Kiln*

Diameter ...	5"										
Height	10										
Altitude ...	412										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MASS.
January ...	5.07	6.90	4.00	4.50	3.04	3.94	4.15	4.85	9.65	1.78	6.74
February ...	3.51	.26	3.87	6.49	.85	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	3.20	4.57	6.09	7.68	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	55.01	42.79	39.54	41.82	46.48	56.03	46.23	43.64
	D	D	D	D	D	D	D	D	D	D	D

1920 House 45 ft high 63 ft E
Tree 35 ft 40 " " 55 " 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	Parish Church.	Distance from gauge	Direction
1920			Bentham	1/3 mi	S	St. Margaret's	1/2 mi	S

RAINFALL at High Bentham (Inglefield)County of West RidingObserver Geoffrey Holmes Esq.River Basin Lune - 1Type of Gauge Snowdon No 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	15	4.34	2.28	5.49	2.28	6.54	1.68	3.64	1.65		
March63	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	3.47	.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	3.00	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	2.46	5.14		
November	6.03	3.56	2.13	.91	4.11	5.41	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	(30.84)	40.46	45.12	44.42	34.02	52.44	38.36	40.29		

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

Inspected 1934:- Gauge of standard pattern. Small leak at rim and bottom of outer can should be repaired.

Recommending rain be caught in narrow-necked bottle. Measure correctly graduated. Recommended gauge beset up at edge of tennis lawn in site selected or else any with turf wall in field used for chickens

1936. All gauge scrapped & new brought into use in April/1937.

1936. This is the first record by the new gauge placed on the tennis lawn as suggested by Mr. Sheppards.

NB Annual average 1906-30 rejected 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 ml	S	St. Margarets	1/2 ml	S

RAINFALL at High Bentham (Leam Gage)County of Yorkshire W. R.Observer G. HolmesRiver Basin Leam

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 - scrapped 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 (994 ft.)

41

County of West Riding

Observer Geoffrey Holmes, Esq.

River Basin Linn.

Type of Gauge M.O.

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

File No. 283571/53

Diameter	5			582	911						
Height	1' 0"				1						
Altitude	412				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	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	2.93	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	3.32	6.22	4.20	
November	2.99	1.07	1.96	6.99	.17	6.18	7.97	3.80	5.76	6.24	
December	2.66	4.29	2.72	4.82	2.46	5.63	2.70	4.03	6.85	2.62	
TOTALS	35.90 D	40.93 D	44.85 D	48.50 D	40.54 D	48.13 D	41.94 D	46.92 D	43.95 D	52.39 D	

1944 g. moved in March 64 ft. E. House 45' high 54'E.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No.

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

BRITISH RAINFALL ORGANIZATION

Station No. *3469*RAINFALL at *High Bentham (Englefield)*

51

County of *West Riding Yorks* Observer *Geoffrey Holmes Esq.*River Basin *Line 1*Type of Gauge *M.O.*Annual Average *43.85* in. based on *37* years obs. un-weighted. Period of average *1916-56* Ref. *1916-50*
File No. *283571/33*

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 ...	8.70	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	nfo				

1967. Gauge moved to Austwick (Townhead) August 1957.
1957 nfo. Inc.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

SD(2A)66697

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
<i>1952</i>			<i>Bentham</i>	<i>1/2 mi</i>	<i>S</i>	<i>St Margarets</i>	<i>3 mi</i>	<i>S</i>

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	<i>6.45</i>	✓	