

RAINFALL AT Barley, Royston

Lat.

Lon. County of Hert

Rain Gauge, by

Observer Rev C. O. Miles

11-Ouse

Diameter		5									
Height		1.									
Altitude		322 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....				1.14	1.52						
February				3.08	.57						
March71	.84						
April				2.28	1.12						
May				1.26	.28						
June				4.99	1.17						
July				2.46	2.30						
August96	1.33						
September....				3.80	1.58						
October				1.78	1.65						
November....				2.38	1.38						
December				1.12	2.05						
TOTALS				25.96	15.79						

Barley Ch. 400 yds S.E.

House 20ft high 24ft N

1884 Oct 1 gauge moved 300 yards -

Barley Church 400 yards W.

Stone 30 ft high 40 ft W

Tree 15 ft " 20 ft W.

Royton Barley

RAINFALL AT

Lat. Lon. County of *Huddersfield*
 Rain Gauge, by *N.C.F.* Observer *R. D. Pack Esq*
 4-Ounce. *W. W. Cook Esq*

Diameter ..						5					
Height ..				1.00	0.6	1.0					
Altitude ..					300?	249					300
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						.66	1.16	1.02	1.10		.79
February ..						1.08	2.31	1.73	1.26		.37
March						2.89	2.27	1.11	2.79		2.88
April						2.12	1.06	3.15	3.07		1.70
May						1.43	1.41	3.20	1.42		1.59
June						3.85	3.17	1.64	1.60		3.82
July						3.18	2.01	1.15	2.64	3.66	3.73
August						2.20	2.58	.87	2.45	2.11	2.04
September ..						1.34	1.66	1.49	1.06	2.07	2.21
October						1.18	1.45	3.91	2.85	1.57	4.05
November ..						1.46	2.22	4.32	2.43	.94	.79
December ..						1.41	.67	2.83	3.20	1.68	3.18
TOTALS ..						22.62	28.95	26.48	23.17	26.80	

1905 Barley Church $\frac{1}{4}$ mile S

Royton Station $\frac{3}{4}$ - W

Tree (5 ft high) 55 ft N

1908 June 18 Gang wood 200 yards NE

Barley Church 600 yards SSW

Royton Station 4 miles W

RAINFALL at Royston Barley

County of Hertfordshire

Observer W.W. Cook Esq.

River Basin

Ouse

+

Snowdon

Rain Gauge, by

N + 3

Diameter ...	5										
Height	1.0										
Altitude ...	300										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.48	1.44	3.49	2.42	1.08	3.36	1.13	1.47	2.49	4.18	
February ...	2.56	1.15	1.26	.73	1.70	2.90	3.22	.64	.78	3.15*	
March83	2.07	3.41	2.05	3.71	1.65	4.04	1.96	.73	2.51	
April	2.48	.80	.15	1.85	.93	.95	1.64	1.42	3.75	3.20	
May	2.84	2.20	1.20	1.78	1.07	2.01	3.07	3.18	1.73	.28	
June.....	1.53	2.21	3.56	2.61	2.14	.69	2.03	1.91	.73	1.53	
July	1.64	.41	1.51	2.07	1.01	3.56	1.58	5.85	2.49	3.51	
August.....	1.72	.66	5.37	.84	1.13	3.15	3.54	4.90	.79	2.76	
September ..	1.05	1.11	2.40	1.72	.95	1.83	1.03	1.52	5.36	1.01	
October ...	2.65	2.20	2.28	3.15	1.94	1.59	2.77	4.14	1.22	.46	
November ..	3.47	2.84	2.00	2.23	3.02	2.07	3.36	1.55	2.13	1.59	
December ...	3.84	3.88	2.29	.94	5.82	3.96	2.86	.70	2.25	3.76	
TOTALS ...	26.09	20.97	28.92	22.39	27.50	27.72	30.27	29.24	24.45	27.94	

wall 7 ft high 33 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52° 4'	0	Royston	4 miles	W	St. Margaret	1/2 mile	SE

RAINFALL at Barley, DalmyreedCounty of HertfordshireObserver M. W. Cook Esq. 1922 E. M. Cook Esq.River Basin Cuse 4.W. F. Sermons, Esq. ^{W. F. Sermons, charge of}
_{July 1930}Snowdonia Rain Gauge, by Neg.
b.d. 1930.

Diameter ...	5"	5"									
Height	1.0	1.0									
Altitude ...	300	300									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930.</u>
January ...	2.46	2.47	2.13	1.30	2.77	1.11	2.46	2.42	3.06	1.41	2.27
February ...	1.32	1.20	1.67	2.78	1.72	2.22	2.52	3.51	1.37	.50	.38
March	1.33	1.29	1.68	1.75	1.64	1.06	2.23	2.14	1.46	.04	1.72
April	3.08	1.45	2.30	1.35	2.81	1.56	2.85	1.84	.90	1.60	1.75
May	1.24	1.02	1.86	1.30	3.41	2.17	2.10	.88	1.80	1.64	2.53
June	1.34	.79	1.06	.67	1.99	.47	2.57	2.22	1.96	.62	.74
July	3.53	.16	3.79	2.70	3.36	2.77	2.99	2.58	2.31	2.62	2.61
August	1.08	1.22	2.23	3.08	2.18	2.08	.95	2.83	2.38	.65	2.11
September...	1.88	1.32	2.55	2.01	2.62	3.09	2.07	4.42	.64	.20	4.13
October.....	.95	.76	.62	3.67	3.92	2.92	2.37	1.63	2.74	3.06	.87
November...	.68	1.72	1.22	1.56	2.73	1.66	3.63	2.44	1.79	4.41	4.27
December...	1.71	1.58	2.03	1.79	2.21	1.74	.31	2.06	2.54	4.00	2.45
TOTALS...	19.60	13.58	23.14	23.96	29.26	23.86	25.05	28.97	22.95	20.75	25.83
	D	D	D	D	D	D	D	D	D	D	D

1920 Wall 11 ft high 30 ft N

Pergolas 7 " " 40 " E

Trees 10 " " 30 " W

1921 orchard 8 ft. 20 ft. off N.

1925 Wall 7' high 33' NW

1928 walls 12 " 20' N+E.

1930 G. in centre lawn. Read 9 am in winter, and 10 am in summer.

Position of Station on reduced Ordnance Survey } No. of Map
Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920 21	5° 52'	2° 0'	Royton	3 1/2 mi	N.W. NW	Barley Dalmyreed.	1 mi	S.S.E.

RAINFALL at Barley (Latitude 51° 45' N.)

County of Hertfordshire

Observer W. F. Sermons, Esq.

River Basin Ouse - 14

Type of Gauge MM. D.

Annual Average 24.2 in. based on 28 years obs. un-weighted. Period of average 1921-1946 Ref. S. 837426 12

Diameter	5"										
Height	1.0.										
Altitude	300.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.69	1.77	1.21	1.30	2.09	3.36	3.72	2.66	4.10	1.64	23.64
February	1.93	3.6	1.89	1.41	2.22	2.06	2.91	1.46	5.8	1.52	13.84
March	1.13	1.55	1.51	1.67	1.53	1.74	3.14	1.35	1.66	2.74	13.02
April	3.83	2.16	1.94	1.48	2.85	1.45	2.83	2.0	2.89	1.16	20.09
May	2.85	4.98	1.68	1.57	1.28	1.48	2.28	2.20	1.12	1.24	18.68
June	1.41	1.71	1.22	1.88	2.36	3.86	1.84	1.45	1.80	1.44	15.97
July	4.83	1.94	.82	1.73	1.20	4.78	2.46	1.15	2.03	4.30	25.24
August	4.69	2.84	1.21	2.51	1.04	1.46	1.52	1.01	2.41	1.08	18.27
September	2.89	1.50	2.28	1.26	3.57	3.80	1.55	3.06	2.68	.38	22.97
October	1.62	4.07	2.07	1.47	2.40	1.63	2.58	2.79	4.59	2.04	24.79
November	2.40	1.63	1.40	2.13	3.94	3.17	1.61	2.56	2.59	6.94	29.37
December	.86	3.6	1.32	3.12	2.20	1.66	2.84	3.06	1.20	1.50	17.12
TOTALS	28.13	23.87	16.05	19.53	25.71	27.45	29.28	19.95	24.15	24.28	242.50

1931 gauge on lawn.

Brick wall 10 ft. high 10 yds. N.

Hive Trees 12 .. 10 .. W.

Rambler 8 .. 7 .. E.

Hedge 5' high 30 yds. S.

1932 Wall 10' high 10 yds N.
Fruit Bush 10' high 10 yds W.
Rambler 7' high 7 yds E.
Hedge 5' high 30 yds S.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			Roxton	3.2 mi.	N.W.	Barley	2 mi.	S.

Station No. 92

41

RAINFALL at Barley (Dalmunition)

County of Huntingdonshire

Observer W. J. Semmens Esq.

River Basin Cam. H.

Type of Gauge D.A.O. French gauge

Annual Average 24. Q.in. based on 23 years obs. un-weighted. Period of average 1881-1915. Ref. S.

File No. 827486/28

Diameter	5"		182	948							
Height	1' 0"			1							
Altitude	300'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.93	2.29	3.89	1.29	(1.95)	(1.50)	1.69	3.50	1.16	1.07	
February	1.62	.84	.86	.93	(1.30)	(2.00)	1.52	.95	1.13	1.92	
March	2.93	1.18	.50	.26	(.60)	(1.45)	3.65	.79	.85	.54	
April	1.13	.71	.82	1.26	(.95)	(1.35)	1.69	1.61	1.64	1.73	
May	1.92	1.93	1.77	1.15	(2.30)	(2.30)	.55	2.78	2.05	2.04	
June	1.65	.49	2.03	1.22	(1.80)	(3.15)	1.93	2.48	.76	1.80	
July	1.94	2.63	.66	1.45	(2.85)	(3.00)	2.05	1.19	1.92	5.74	
August	3.75	1.12	1.55	2.08	(1.75)	(3.20)	.04	4.56	.89	3.12	
September	.75	1.05	1.24	2.20	(2.90)	(2.65)	1.00	1.50	.67	2.85	
October	1.94	3.46	2.23	2.94	(2.35)	(1.50)	.15	1.93	3.99	.42	
November	2.28	2.36	1.30	2.73	(.25)	(4.70)	1.06	1.37	2.40	4.63	
December	1.32	2.26	1.29	.97	(2.60)	(1.85)	2.80	1.65	1.57	1.37	
TOTALS	22.16	20.34	18.74	18.48			17.93	24.31	19.03	28.23	

941 Wall 12' high 10 yds N. Fruit trees 9' high 20 yds W. Hedge 5' high 50 yds S.

942 " " " 12 " " " Shrubbs 10' " 20 " E.

In Jan '45 observer reported gauge rusty & worn out

1952 Back year 1947 - 50 recd 19.VIII.

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			Rayton	3m	N.W.	Barley	½ m	S.E.

Station No. 981

51

RAINFALL at Barley (Parliamentary)

County of HERTS.

Observer W.F. GARRARD, Esq., Headgardener

River Basin H. - Once

Owner: - Lady Graham Kerr.

Type of Gauge M.O. Mk II

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

Ref.

File No. E 14684/52

Diameter ...	5"			182	948					5"	
Height ...	1' 0"				1					1' 0"	
Altitude ...	300'				51					320'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.59	1.60	.90	.85	2.29	3.07	1.02	2.24	2.50	2.23	
February	3.79	.57	1.49	1.85	1.42	.61	2.16	2.44	.11	1.60	
March	3.14	2.88	.51	2.11	1.12	.52	1.10	.89	1.86	1.25	
April	2.81	1.15	2.40	.18	.35	1.20	.17	.96	1.62	.39	
May	2.74	1.60	1.59	2.40	3.31	.40	.62	2.35	.52	1.14	
June	1.27	2.91	2.15	1.97	2.67	2.10	2.39	5.96	.80	1.53	
July	1.53	.65	2.98	2.82	.89	2.34	2.12	3.30	4.21	2.56	
August	4.23	4.66	2.19	2.88	1.14	3.81	2.72	2.25	.64	2.80	
September	1.19	2.61	1.90	1.06	1.12	1.85	2.95	2.11	.10	4.80	
October	1.00	2.18	2.89	1.82	3.17	1.10	2.16	2.42	1.51	5.23	
November	3.69	3.49	1.27	3.68	1.36	1.09	1.72	1.89	1.74	3.79	
December	1.63	2.16	.86	1.14	1.93	2.85	2.12	2.54	4.00	3.23	
TOTALS ...	29.61	26.46	20.83	22.76	20.77	20.94	20.75	29.33	19.61	29.75	
	D	D	D	D	D	mp low	D	D	D	D	

1955 (late 12°-high 20° N, shrubs 12°-high 20° S, trees 30°-first 30° NW)

Inspired 16-12-60 by G.H. Butler also S.E, SSE and W-NW. Young trees 20°-30° E → bushes 7°-12° SSE and 20°-40° S
Other young trees 15°-30° SW from slope. 50°-100° SW → 60°-80° NW. Rec name Syde N.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TL (52) 399389

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Rugton	3 1/2 mi	NNE	Barley	4 mi

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓ NR 45346	