

RAINFALL at Berstwick Hall

County of Yorkshire W.R.Observer Frederic A. Aylroyd, Esq.River Basin Usk Nid. IIStandard Barometer Rain Gauge, by _____

Diameter ...										8
Height										1.10
Altitude.....										470
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January.....										
February ...										
March										
April										
May										
June										1.00
July										2.64
August										2.30
September...										1.21
October										2.96
November...										2.91
December ...										4.56
TOTALS ...										2

1910. Rose trees 18' 6" 2° S.

Date.	Lat. N.	Long W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	54° 1°		Berstwick	1/4 m	N	Berstwick P.	1 m	N

RAINFALL at Birstwith Hall

County of W.R. Yorkshire

Observer G. A. Lykroyd Esq.

River Basin Case - Ridd. 11

Sir F. Aykroyd Bart

Standard Smaller Rain Gauge, by P. & J. R. P. & R.

Diameter ...	8								5		
Height	0.10					1.0					
Altitude ...	470	370		375					400		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	4.70	5.18	4.36	2.10	2.04	3.27	4.34	2.51	6.12	1.99	6.10
February ...	2.52	2.6	3.92	6.31	1.40	5.64	3.87	1.63	5.33	1.27	1.28
March	3.07	2.39	2.83	1.89	1.55	1.43	1.57	3.18	2.05	.71	2.25
April.....	4.94	1.42	3.79	3.67	2.12	4.00	1.59	2.58	1.62	1.32	3.15
May	4.38	2.24	1.21	3.88	4.96	5.80	2.41	2.09	2.55	1.73	1.43
June	1.79	17	1.60	1.40	2.32	.07	3.85	3.04	1.54	1.33	2.02
July	5.45	1.77	6.05	3.65	4.76	1.01	3.94	6.66	.89	2.87	4.91
August	2.04	4.93	5.41	4.48	3.15	2.33	3.73	9.07	4.52	2.59	3.84
September...	1.25	1.36	4.60	2.99	3.71	2.78	2.62	4.36	.68	.53	4.01
October.....	3.08	2.16	1.26	4.36	3.24	3.22	4.65	5.31	5.73	3.45	2.98
November...	2.53	2.96	1.40	4.41	2.50	1.63	7.04	4.04	5.67	4.94	5.20
December...	2.80	4.75	6.12	3.96	3.94	5.17	1.47	3.02	2.59	7.25	3.72
TOTALS...	38.55	29.54	42.55	43.10	35.69	36.35	41.08	47.49	42.29	29.98	40.89

1920 Rose Trees 2 ft high S.E 4 yds.

1925 Hedge lower level than gauge 4 ft. S.E.

1927 Beg. 8 m. too high.

1929 Glasshouse 12 ft high 66 ft N. 1926 ? beg. yd.

Apple Tree 15 " 36 " S.

Buildings 25 " " W.

Trees 60 " 138 " E.

15.5.28.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Birstwith	1/4 mi	N.E	Birstwith	1 1/4 mi	N.W.
1925				1 1/4	3 1/2 ..	N.W.

RAINFALL at Birstwith Hall

County of West Riding

Observer Sir F.A. Aykroyd, B.Sc.

River Basin Ouse - Nidd - II

Type of Gauge

Annual Average 34.4 in. based on 11 years obs. un-weighted. Period of average 1901-1915 Ref.

765754/27

Diameter	5'				6'	5'	5'	4'	5'	
Height	1.0.				1.6	1.0	1.6	1.2	1.0	
Altitude	400.				375	325	375	300	275	325
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
										Means
January	2.43	2.93	2.43	2.49	2.26	4.51	3.49	4.84	6.01	2.81
February	3.34	4.0	6.03	3.8	4.36	3.01	6.12	2.21	3.36	2.98
March	7.8	2.43	2.03	3.35	1.18	3.03	3.78	.31	2.55	2.52
April	4.21	2.67	1.62	4.05	2.36	1.76	3.19	.17	1.64	2.87
May	4.35	5.65	3.56	1.99	1.50	2.02	2.95	2.44	1.44	1.15
June	6.12	.67	1.26	2.25	3.30	5.20	2.05	3.79	2.22	.49
July	5.55	3.98	1.95	1.26	.89	3.98	2.07	3.66	4.96	4.87
August	4.78	2.00	0.50	1.87	1.97	2.22	1.33	3.38	3.77	.64
September	5.92	2.66	2.59	2.70	5.91	2.59	1.32	1.73	1.38	2.65
October	1.24	4.28	4.11	3.32	5.97	2.52	2.47	8.15	3.44	3.80
November	5.06	2.82	3.59	2.54	5.86	3.53	1.77	3.65	5.20	5.31
December	1.60	1.66	0.80	6.36	2.85	3.23	2.93	4.92	2.72	3.31
TOTALS	45.38	32.06	30.37	32.56	38.41	37.80	33.47	39.25	38.69	33.40
	D	D	D	D	D	D	D	D	D	D

1931. Apple tree 10' high 39'S.

1932. Beech hedge 6" high 1' N.W.

1933. Clear 10-15 yds all round.

1940. Jam - part cold. Obs station 21/4/43 gauge at 325

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

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Birstwith	1½ miles	N.	Birstwith	1½ miles	N.

Station No. 3365

RAINFALL at Birstwith Hall

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County of West Riding

Observer

Sir W. Aykroyd Esq (1942)

River Basin Ouse - Nidd

Sir Cecil William Aykroyd Bt (1946)

Type of Gauge

Sir Cecil William Aykroyd (1949 - 54)

Annual Average 34.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

36.98 1916-50 File No. 765754/27

Diameter	5"	058	261								
Height	1' 0"		1								
Altitude	325	325	41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.11	3.83	4.70	4.33	3.34	3.16	8.78	1.57	1.88		
February	4.70	1.78	1.98	4.44	5.31	4.09	2.44	2.10	7.23		
March	4.16	2.54	1.01	1.19	1.79	4.70	1.81	.98	1.41		
April	2.69	1.56	1.72	2.84	1.55	4.81	3.77	3.16	3.07		
May	1.93	3.15	2.66	3.08	3.00	4.15	1.04	2.00	2.46		
June	.29	1.21	2.39	4.23	3.12	4.00	3.55	1.01	.63		
July	2.13	2.46	2.10	2.71	4.68	2.46	1.42	2.53	3.26		
August	3.62	3.14	3.36	3.61	5.15	.95	4.71	2.10	5.92		
September	.48	1.87	4.21	1.92	8.10	2.07	2.98	1.44	5.28		
October	4.90	2.53	1.41	5.51	1.90	1.19	1.35	3.55	2.85		
November	3.25	1.31	3.38	.49	7.46	3.91	1.52	5.62	5.61		
December	1.09	2.58	4.56	2.52	3.59	3.18	3.90	5.97	1.65		
TOTALS	33.99	27.96	33.54	36.87	48.99	40.70	37.27	31.97	40.70		

1941 Vegetables 1' high 1yd. from gauge
1942 Clear stones around top of gauge 325 (see file)

Q/HB

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	Direction
1941			Birstwith	1mle.	N	Birstwith	3/4mle.	N

BRITISH RAINFALL ORGANIZATION

Station No. 3365

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RAINFALL at Birstwith Hall

County of West Riding - Yorks.

Observer Sir Cecil Hollis Aykroyd Bart

River Basin Ouse - Tidd - 11

Type of Gauge. Snowdon

Annual Average 34.4 in. based on 11 years obs. dry-weighted. Period of average 1881-1915 Ref. S
 " 36.98 " 33 " within 1920-57 " " 1916-50 " 5
 File No. 76575427

Diameter	5"		058	261							
Height	1' 0"				1						
Altitude	325'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.30	3.35	.80	2.51	2.08	4.62	2.97	3.48	3.35	5.33	
February	3.63	.52	2.35	2.90	1.91	2.34	3.34	4.94	.15	2.55	
March	3.84	2.16	.90	2.60	2.43	1.75	2.55	2.21	1.72	2.85	
April	1.76	1.61	2.83	.44	.84	2.63	.25	.93	4.00	1.90	
May	6.20	1.86	1.77	4.16	2.78	.87	1.27	4.47	.85	3.98	
June	1.29	1.98	1.77	1.94	2.10	3.61	1.91	4.17	1.72	1.04	
July	2.20	1.10	3.15	1.51	1.19	5.47	2.82	3.70	2.10	4.15	
August	6.11	3.94	4.28	5.61	1.13	7.01	5.23	2.65	1.09	3.13	
September	2.43	4.12	2.99	2.65	1.33	4.21	4.18	4.24	.17	3.98	
October	1.12	3.84	2.35	5.48	2.46	1.47	3.72	2.77	3.00	6.65	
November	8.38	1.83	3.29	6.20	2.54	.96	2.30	.97	4.79	6.55	
December	4.74	2.48	1.58	4.18	5.40	3.77	3.12	5.60	7.21	4.25	
TOTALS	45.00	28.79	28.06	40.18	26.19	38.71	33.66	40.13	30.15	43.71	
	D	D	D	D	D	D	D	D	D	D	

1951 vegetables all round, nothing within 3'

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 8644242583

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Birstwith	1½ m	N.	Birstwith	N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Camp 1919 ✓ Vaults 24-25 ✓			41-43, 45-50 Vaults 42-43, 50	