

RAINFALL at Birstwick HallCounty of Yorkshire W.R.Observer Frederic A. Gabyrold, Esq.River Basin Don Nidd IIStandard London 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 ...												

1919. Roe Dec 12th 2' 3.

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

RAINFALL at Birstwith HallCounty of N. YorksObserver J. A. Aykroyd EsqRiver Basin Cuse. Ridd. IISir F Aykroyd BartStandard Rain Gauge, by Pistonelli & Rappin

Diameter ...	8									5	
Height	0.10				1.0						
Altitude ...	470	370		375						400	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1931
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	5.53	1.27	1.28
March	3.07	2.39	2.83	1.89	1.55	1.43	1.57	3.18	2.85	.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	1.7	1.60	1.40	2.32	.07	3.85	3.04	4.54	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	2.59	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 Big, Bunc. too high.

1929 Glasshouse 15 ft high 60 ft. N. 1926 ? by J.S.

Apple Tree 15 " " 36 " S.

Buildings 25 " " 99 " W.

Trees 60 " " 138 " E.

15.5.28.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Birstwith	1 1/2 mi	NE	Birstwith	1 1/4 mi	NW
1925				1 1/4	3/4 ..	NW

RAINFALL at Birstwith HallCounty of West Riding Observer Sir F. A. Aykroyd, Bc.River Basin Ouse - Nidd - Il

Type of Gauge

Annual Average 34.4 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref 5

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	.78	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	5.55	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	4.73	2.00	0.50	1.87	1.97	2.22	1.33	3.38	3.77	.64	
September	5.92	2.66	2.69	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	45.33	52.05	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.

1936. Bone bridge 6" high. 1' N.W.

1937. Clear 10-15 yds all round.

1940. Jam apart at 10. Over station 21/1/43 gauge at 325

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			Birstwith	1 1/2 mds	N.	Birstwith	1 1/4 mds	N.

Station No. 3365

RAINFALL at Birstwith Hall

County of West Riding

Observer

G. W. Aykroyd Esq (1942)
F. A. Aykroyd Bt (1946)
Sir Cecil William Aykroyd (1949)

River Basin Ouse - Nidd - 11

Type of Gauge

Annual Average 34.3 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

36.98

1916-50 File No.

76.57.54/27

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	1.51	1.88	
February	4.70	1.78	1.98		4.44	5.31	4.09	2.44	2.10	7.23	
March	4.18	2.54	1.01		1.19	1.79	6.70	1.81	.98	1.41	
April	2.59	1.56	1.72		2.84	1.55	4.81	3.77	3.16	3.07	
May	1.83	3.15	2.66		3.08	3.00	4.15	1.04	2.00	2.46	
June	.24	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	3.52	3.14	3.36		3.61	5.15	.95	4.71	2.10	5.92	
September	.46	1.87	4.21		1.92	8.10	2.07	2.93	1.44	5.23	
October	4.90	2.53	1.47		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	3.40	5.97	1.65	
TOTALS	33.99	27.96	33.54	17.2	36.87	48.99	40.70	37.27	31.97	40.70	

1941 Vegetables 1' high 1 yd. from gauge
 1942 Other stakes erect at 4 gauge 325' (2nd field)

9/4/50

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Birstwith	1 mi.	N	Birstwith	3/4 mi.	N

Station No. 3365

51

RAINFALL at Birstwith HallCounty of West Riding - Yorks.Observer Sir Cecil William Atwood BartRiver Basin Ruse - Todd - HType of Gauge SnowdonAnnual Average 34 1/4 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. 5" " 36.98 " " 33 " " within 1920-57 " " 1916-50File No. 76.5754/27

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	5.48	3.35	5.63	
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	0.98	
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	2.49	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 negligible all round, nothing within 3'

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 242583

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Birstwith	1 1/2 m	N.	Birstwith	1 m.	NNW.

Summary of Earlier Records from 10-year Sheets :

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