

RAINFALL at New Cumnock, Power Station.

County of Ayr.
River Basin Nith. 13.Observer James Jack, Esq.
new Cumnock Colliery Co. Ltd.
Managing Director."Own pattern" Rain Gauge, by "ourselves"
Snowdon

Diameter ...				5							
Height				1 0							
Altitude ...				↑ 764-1							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				4.59	5.50	5.94	13.28	3.54	8.02	6.49	
February ...				2.69	11.19	12.66	7.72	1.31	10.24	.43	
March				6.34	8.16	3.75	2.39	3.95	1.52	3.86	
April				7.53	5.31	4.44	6.58	2.61	.99	3.10	
May				5.00	1.90	.69	6.00	3.03	2.15	.98	
June				3.25	.44	1.62	2.65	3.82	1.92	4.28	
July				1.12	3.50	4.69	6.02	1.08	3.06	.66	
August				1.25	2.87	5.02	2.94	6.46	3.47	3.26	
September ..				2.56	2.00	1.18	3.05	3.41	9.25	4.61	
October ...				4.03	3.50	3.38	9.10	15.68	9.03	1.31	
November ..				8.31	8.84	9.12	2.43	8.80	14.09	10.73	6.70
December...				16.72	6.06	14.84	9.58	7.86	3.20	6.62	14.00
TOTALS ...				53.26	68.36	55.38	74.29	62.18	67.00	48.68	

1912 + 1913 rec'd 30.11.15 end'd 16.1x.15

1912 Power stn. 60 ft. high 67 yds. N.E. Cooling Tower 75 ft high 66 yds N.E.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	55° 22' 35"	4° 13'	New Cumnock	2.23 m	N 38° E	New Cumnock	1.85 m	N 48° 35' E

RAINFALL at New Cumnock, Power Station

County of Ayr

Observer J. Jack Esq., New Cumnock Collieries Ltd.

River Basin Nith

13.

A. I. Regg, Esq. (1925)

Gauge pattern Rain Gauge, by "ourselves"

New Cumnock Collieries Ltd.

Diameter ...	57										1920.	MEANS.
Height	10											
Altitude ...	764											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	11.62	13.68	6.03	7.98	9.57	6.75	8.61	7.88	10.34	2.38	15.05	
February ...	8.46	1.464	4.00	9.83	2.75	14.70	4.69	2.08	4.38	1.92	7.1	
March	9.59	12.91	3.72	2.50	7.8	1.51	5.11	3.96	5.23	4.00	4.13	
April.....	2.94	2.84	3.74	3.69	3.40	5.36	3.04	3.14	2.45	1.52	4.51	
May	7.66	4.01	3.72	2.92	3.11	5.50	3.03	2.97	1.29	6.90	2.69	
June	1.41	.87	2.16	2.24	1.86	.19	2.51	4.08	5.43	2.97	3.54	
July	3.88	5.29	2.01	4.27	4.20	1.59	4.15	4.51	3.60	6.80	6.89	
August	4.04	8.19	4.06	8.14	3.13	2.86	3.37	3.87	5.78	7.27	10.36	
September...	2.63	2.39	3.13	9.49	7.08	3.04	2.91	8.01	3.24	1.96	6.75	
October.....	4.96	3.69	2.07	8.86	3.02	5.08	5.84	5.06	9.37	11.81	15.21	
November...	3.82	2.43	5.07	5.25	4.09	1.98	6.51	4.94	8.49	9.44	12.45	
December...	5.26	11.44	6.92	6.15	9.35	7.32	2.39	2.13	5.81	22.40	9.89	
TOTALS...	66.27	69.18	46.63	71.34	51.34	45.88	52.16	52.63	65.41	76.07?	90.08	
	D	D	D	D	P	D	D	D	D	D	D	D

1920. Power Station 60ft high 67 yds N.E.

Cooling Tower 75" - 56" - -

1923. Some individual falls seem very heavy & Jan + Feb. seem high.

1929 m.p. 15 high.

1930 Year very high.

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55° 22' 35" N	4° 13' E	New Cumnock	2.23 mi	N 38° E	New Cumnock	1.85 mi	N 43° 35' E

RAINFALL at New Cumnock (Power Station)

County of Ayr.

Observer New Cumnock Collieries, Ltd.

River Basin B-Nith

Type of Gauge M.O.

Annual Average 55.5 in. based on 12 years obs. un-weighted. Period of average

1931-1941 Ref.

Diameter	5"	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	1' 0"											
Altitude	764'											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	9.25	10.11	5.29	8.02	7.61 2.76 6.42	4.87	7.97	9.64	11.69 (2.50)			
February	11.27	10.04	3.26	5.71	6.83 2.07	3.39	6.47	3.69	6.39 (1.87)			
March	1.52	2.54	3.92	3.60	2.10	2.92	1.59	3.82	4.71 (6.22)			
April	4.64	4.24	1.56	3.97	3.23	8.6	2.29	2.5	3.06	1.65		
May	6.78	2.52	3.69	3.62	1.00	2.34	1.71	2.92	1.46	1.25		
June	12.07	2.22	2.77	2.30	4.75	1.52	2.11	4.21	1.35	1.44		
July	7.54	4.10	4.70	2.48	2.29 1.22	5.90	6.02	5.46	2.96	5.28		
August	3.67	1.21	3.02	6.20	1.18 5.56	1.77	2.14	2.97	1.40	2.82		
September	1.88	4.46	1.48	5.44	4.03 7.44	4.27	3.32	3.40	1.97	5.25		
October	7.09	8.60	3.59	7.54	7.50 7.76	5.14	4.69	10.12	2.47	6.04		
November	18.55	5.22	2.11	1.13	6.39 8.76	5.23	1.18	9.52	10.97	6.03		
December	11.05	10.73	.87	8.54	5.24 +61	6.28	2.61	4.53	2.99	7.94		
TOTALS	95.31	55.99	36.26	53.43	47.28 5.49/4. D.	47.28	42.10	60.53	43.41	(48.29)		

1931 year at least 30' high. Observer asserts that record is correct.

1933 Power station 60' high 67 yds. N.E. Cooling Tower 75' high 56 yds. N.E.

29.12.37. Value for 1934, 1935 corrected for wrong day 29.12.37.
1940 Jan, Feb & March corrected for snow.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
			New Cumnock	2.23 miles	N.E.	New Cumnock	1.85	N.E.

620094

5275

RAINFALL at New Cumnock (Power Station) 41

County of Ayr

Observer New Cumnock Collieries, Ltd.

River Basin 13-Nith

National Coal Board 1949

Type of Gauge 100

Annual Average 56.8 in. based on 16 years obs. un-weighted. Period of average 1851-1915 Ref. S

File No.

Diameter	5"				620	094					
Height	1' 0"						1				
Altitude	764'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.81	(6.60)	6.10	4.12	4.47	6.19	5.47	8.36	6.50	4.08	
February	(3.85)	2.98	5.15	1.33	7.67	4.43	.44	4.72	7.37	5.21	
March	1.84	1.69	1.80	.53	3.56	1.92	(4.03)	6.67	2.27	4.62	
April	2.18	2.47	3.37	2.24	1.94	1.97	9.21	3.61	6.63	5.43	
May	4.34	3.98	3.55	(4.60)	5.36	1.31	4.63	1.40	2.30	1.51	
June	1.41	1.56	3.79	(3.70)	4.14	3.36	3.00	6.00	0.88	3.13	
July	3.68	3.29	1.98	4.50	4.47	4.55	4.98	3.58	1.58	5.27	
August	7.04	4.45	3.65	(5.10)	1.77	3.33	.06	5.96	3.50	5.22	
September	2.25	6.76	2.79	(8.90)	8.81	8.27	6.50	6.19	2.01	13.30	
October	4.83	6.50	8.55	(9.30)	4.86	6.64	2.37	5.38	6.52	5.01	
November	5.40	1.36	3.39	(10.40)	.62	8.02	7.52	4.51	7.58	4.75	
December	3.33	(8.62)	3.55	7.60	5.66	5.63	4.22	9.69	9.74	2.37	
TOTALS	40.96	(50.26)	47.97	(63.22)	53.33	49.62	52.43	66.07	56.88	59.90	

1941. Feb. part est'd.

1942 Jan. adj'd. for snow. Dec. 1st. est'd.

1943 n.p. low gauge defective. new no. 3. x. 44

1944 n.p. inc. June gauge out of order. Obsrs resumed 1/2/1945.

1947 Mar. adj'd. for snow

1947 Apr. down to 1st. in 1949.

1950 Feb. 4-10" 1st.

20004 40014 03744

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

BRITISH RAINFALL ORGANIZATION

Station No. 5275

RAINFALL at New Cumnock (Power Station) 51

County of Cumnock.

Observer

(Bank Colley 1954) National Coal Board

River Basin 13 - White

Type of Gauge M.O. 14.8.6.2/42

Annual Average S.S. in. based on 6 years obs. unweighted. Period of average 1931-1935 Ref. S
" " 52.80 " " " 1955-59. " " " 1916-50 " S.
File No.

Diameter ...	5"						620 094					
Height ...	1' 0"							1				
Altitude ...	764'		764' 741'					51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		Means
January	4.64	5.51	2.74	5.51	3.83	3.51	6.31	6.89	3.03	4.61		
February	3.06	2.18	1.79	3.79	1.92	1.42	1.13	4.98	1.93	6.47		
March	3.41	2.69	1.10	3.57	1.50	3.30	3.21	1.20	3.22	1.70		
April	4.19	2.73	3.39	2.15	2.58	1.98	2.24	2.06	4.00	5.94		
May	2.48	2.54	3.12	4.81	3.60	2.43	2.76	2.73	1.16	1.99		
June	1.59	3.07	1.03	3.67	2.62	3.45	1.54	3.62	3.11	3.16		
July	2.85	4.04	4.37	4.34	2.11	5.49	5.20	4.68	5.70	2.85		
August	8.14	2.92	3.16	5.44	1.78	8.07	6.66	5.21	1.21	4.05		
September	5.33	2.76	5.88	8.90	4.91	4.85	3.21	5.10	1.76	3.56		
October	0.94	5.51	4.84	9.40	3.63	4.10	6.22	4.15	8.30	3.62		
November	11.71	3.05	7.04	10.38	3.48	3.07	2.67	1.70	7.43	(10.00)		
December	9.17	4.94	5.16	8.80	8.64	7.17	6.60	6.13	9.04	6.44		
TOTALS ...	57.51	41.94	43.62	70.70	40.50	48.90	49.75	48.47	49.92	54.39		
	D	D	D	D	D	D	D	D	D	D		

Drop MW Cumnock 29.9.54. Gauge sound, rain a little uneven. G. on roof of cycle shed for safety. shed by bridge on roof sloping E.W. overexposed.

New site chosen on waste ground 200 yds N. the hollow with adequate shelter erected 20/7/54

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/595114

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
			New Cumnock.	2.23 NNE NE 'H		1.85 NW NE.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C imp. 1912	/	/ np 31	/ np 43-44	/ bnd 42-43, 45
		✓ lnd - 12 1/2	/	/ lnd - 31	/ bnd 42-43, 45	