

RAINFALL AT *Nelson, Coldwell Reservoir*

80

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

J. Newton Esq. C.E.

Ribble 76.1

Diameter							8				
Height							20				
Altitude							950				
Year,	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							4.65	1.40	.80	1.31	
February							36	.50	.34	1.34	
March							1.53	1.35	2.06	2.52	
April							2.90	.74	1.60	2.34	
May							4.19	.55	.70	2.30	
June							1.18	.06	2.80	.50	
July							3.30	1.54	3.97	3.00	
August							1.45	3.45	3.60	4.97	
September							2.46	3.10	1.70	2.10	
October							5.20	2.13	.86	4.02	
November							2.97	2.33	6.80	1.35	
December							3.77	1.66	1.62	2.00	
TOTALS							33.98	18.81	26.85	27.75	

Rejected from Survey: 12" too low

RAINFALL AT *Nelson Boldwell Reservoir*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *J. Newton Esq. C.E.*

Ribble & Co.

Diameter	8											
Height	20											
Altitude	950											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.30	2.90	2.59	.90	2.27	2.32	1.60	1.35	2.65	3.58	2.246	
February ....	.78	.41	1.58	2.52	4.00	.17	1.43	1.94	2.90	.80	1.653	
March	3.72	1.70	.60	.73	1.95	2.55	3.32	2.83	1.10	1.18	1.968	
April	1.14	2.53	1.02	.80	2.12	2.41	1.89	1.86	1.90	2.95	1.865	
May	2.40	2.38	3.92	1.84	1.97	1.67	.64	2.13	3.20	2.40	2.255	
June	3.64	1.20	3.73	2.53	3.03	1.23	1.90	3.16	2.68	2.37	2.547	
July	2.83	3.26	1.98	4.33	3.97	5.18	1.76	1.26	.80	1.35	2.672	
August	5.71	6.23	3.75	3.89	3.27	4.33	1.99	4.50	2.71	1.21	3.757	
September....	2.93	3.04	3.03	3.32	.28	1.94	5.60	3.80	1.10	5.48	3.053	
October	2.94	3.23	6.35	3.77	3.66	3.92	3.83	1.34	4.41	3.18	3.663	
November....	6.17	3.54	1.27	2.29	1.84	2.99	1.58	2.90	1.77	1.00	2.535	
December ....	.39	5.34	1.63	3.05	2.10	3.47	3.44	3.00	3.32	2.01	2.475	
TOTALS . . .	34.95	35.76	31.45	29.97	30.46	32.18	28.98	30.07	28.54	27.54	30.990	

Rejected from Survey : 12" too low

RAINFALL AT Nelson Coldwell Reservoir
 Lat. Central Lon. County of Lancashire
 Ordinary Rain Gauge, by Cassell's Observer C. E. Newton Esq. Cl.

Pit 9 61

Diameter ..	8										
Height	2 0										
Altitude ..	950										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.14	2.24	2.41	2.10	2.31	2.01	5.46	2.51	6.52	2.46	
February ..	2.73	1.45	.72	3.05	2.71	2.79	2.31	2.83	4.55	7.36	
March ....	.56	1.95	2.09	3.96	2.42	3.30	2.79	5.16	4.70	2.97	
April	2.76	1.98	1.98	2.55	2.00	2.60	1.10	2.34	4.94	5.10	
May	1.42	.92	3.12	2.36	2.28	.43	4.13	4.99	3.53	3.35	
June	2.61	1.14	1.14	2.21	.94	2.72	1.61	8.83	3.20	3.90	
July	4.05	1.95	1.24	3.70	2.60	3.74	2.12	3.95	7.80	9.39	
August	3.77	1.84	2.13	4.13	4.60	3.37	4.95	7.12	4.90	4.67	
September ..	1.38	.82	1.07	4.14	.90	2.30	1.94	1.53	5.97	3.98	
October	4.28	2.64	3.56	9.97	1.22	2.72	5.43	4.64	2.59	4.63	
November ..	2.95	6.18	2.44	2.35	2.65	3.52	4.37	2.90	5.33	2.57	
December ..	3.03	3.70	2.40	1.25	2.50	.93	4.07	5.44	3.08	6.54	
TOTALS ..	32.68	26.81	24.30	41.77	27.13	30.43	40.28	52.24	57.11	56.92	

1903 Nelson Station 4 Miles W

1907-1916 rec. 12.17 cont. 11.17

up to 1906 all much too low
 after 1906 too high

Rejected from Survey: ~~too low~~

RAINFALL at Nelson Foldwell ReservoirCounty of Central Lancashire Observer Smith Whitehead EsqRiver Basin Ribble & C. 1Gauged Rain Gauge, by N13 ~~11.20~~ ⁽¹⁶⁾
Sunderland 5 in.

Diameter ...	8								5		
Height	2.0								6		
Altitude ...	950										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.20	2.57	5.16	7.24	3.95	6.25	5.05		5.03	5.26	
February ...	6.55	7.08	2.31	2.72	3.14	5.44	3.22		6.73	2.34	
March	1.12	3.41	6.38	4.96	5.92	2.16	2.94		3.37	4.76	
April	5.36	3.11	2.97	5.85	2.16	2.29	3.34		3.13	1.82	
May	3.85	3.09	2.96	4.93	2.69	2.21	3.83		4.31	1.51	
June	3.79	6.23	10.12	2.47	3.23	.73	2.32		4.45	1.33	
July	5.39	.47	5.59	1.70	2.96	6.51	2.49		5.43	2.91	
August	8.56	2.71	10.19	2.68	3.67	4.46	4.46		6.08	2.99	
September...	.64	4.86	4.10	3.70	3.60	1.29	3.22		13.02	1.51	
October ...	5.57	4.35	6.47	3.04	2.90	1.53	10.45		6.50	2.83	
November..	5.48	4.99	4.93	4.49	8.00	1.34	4.54		5.60	2.54	
December...	8.84	9.12	5.93	2.98	7.11	7.20	3.48		10.17	5.14	
TOTALS ...	61.25	51.99	67.11	46.76	49.33	41.41	49.34		73.82	34.94	

1910-1916 Res^d 28 Sep 1917 Entered 17 Dec 1917 (part bad)

1918 Wall 6 ft high 20 ft N.

1919 Reservoir 7 ft 8 in.

Inspected H.R. 17.10.17. S. in good condition

+ CS. 18. XII. 20 on reservoir bank (N side), sloping (20 ft) to water. Low
wall 20 ft. N. about 1906 - 16 ft. defective & caught too much. New 1917
Sunderland.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	53° 49' 21"	2° 45'	Nelson	3 mi	NW.	St John	2 1/4 mi	N.W.

RAINFALL at Nelson, Caldwell Reservoir No. 2.County of Central Lancashire Observer Smith Whitehead Esq C.E.River Basin Pitts & Co.Snowdon Rain Gauge, by No. 3.

Diameter ...											
Height									5		
Altitude ...									1.0	6	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	960		
January ...									4.39	6.28	
February ...									7.21	3.75	
March									4.39	7.38	
April									3.78	2.55	
May									4.95	1.81	
June									4.77	1.57	
July									5.64	2.62	
August									7.63	3.57	
September...									13.10	2.09	
October ...									6.14	2.43	
November..									5.91	3.92	
December...									11.93	7.29	
TOTALS ...									79.84	45.26	
									2	3	

1919. Wall 5' 6" high 15 yds W + E

Site selected by H.R.M. 17.10.17. "a fair site though ground to S.W. would be better and very deep cut valleys close up to reservoir".

+ C.S. 18. XII. 20 on S. of reservoir 24 yds from deep dip to S.W. but sloping slightly down to S. of ridge. Drops also on W. & slightly on E. Stone retaining wall 30 ft. N. S. in wooden railed-in enclosure.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	53.49.17	2.9.5	Nelson	3 Mls	N.W.	St. John	2 1/4 Mls	N.W.

RAINFALL at *Nelson Goldwell Reservoir No 2*County of *C. Lancashire*Observer *Smith Whitehead Esq. C.E.*
(1925) *J. A. Rodwell Esq., C.E.*River Basin *Ribble & C. 1**Water Eng. Nelson**Snowdon* Rain Gauge, by *No. 2*(1930) *A. Boothman Esq.*

Diameter ...	5"											
Height	10											
Altitude ...	960											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1930
January ...	5.09	8.94	(4.80) 5.82	3.26	4.42	5.69	5.14	12.42	2.88			7.25
February ...	3.71	7.0	5.09 6.42	1.85	8.52	5.09	2.45	7.36	1.14			1.19
March	4.64	4.09	2.89 1.93	1.62	2.02	3.20	4.69	4.24	1.69			3.51
April	6.03	1.84	4.07 4.27	2.22	3.50	2.20	3.73	1.71	1.55			3.79
May	6.33	2.69	2.16 4.09	5.47	4.97	4.05	1.80	1.63	3.29			3.56
June	3.07	27	3.57 1.40	3.36	10	2.99	4.44	7.10	2.67			2.61
July	6.78	2.18	5.28 5.66	4.04	1.89	3.39	5.87	2.15	3.71			6.83
August	1.87	6.70	6.38 6.40	6.55	5.64	5.17	7.28	6.89	5.14			7.90
September...	2.70	2.06	4.73 6.58	4.91	3.92	4.32	6.45	1.40	2.05			4.92
October	3.57	3.35	1.25 5.97	4.62	6.05	3.91	5.24	6.87	6.98			7.58
November...	2.70	2.53	2.61 6.90	3.84	2.85	7.96	5.31	7.69	8.41			6.99
December...	3.63	7.48	4.90 4.28	5.16	4.87	2.70	1.93	3.72	11.70			4.46
TOTALS...	50.12	42.83	(47.73) 57.82	46.90	48.75	50.67	54.38	63.21	51.21			60.59
	D	D	D	D	D	D	D	D	D			D

1920 Gauge inspected C.E. 18.XII.20. See last sheet.

1922 Jan. anemometer station

2 hills 4.30.12.19 Smith Whitehead approximately 9' (3 miles from Goldwell Reservoir on Ribblesdale) on top of Ribblesdale Reservoir put down. (Insects etc. etc. etc.)

1929. Walls 4' 6" high 20 feet high gauge.

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
1918	53° 49' 15"	2° 9' 5"	Nelson	3 mi	N.W.	St. John	2 1/2 mi	N.W.

RAINFALL at Nelson Caldwell Reservoir No. 1.

County of Central Lancashire Observer Smith Whitehead Esq. C.E.
 (1925) J.A. Rodwell Esq., C.E.
 River Basin Pibble & C. 1 W. Eng. Nelson
Snowdon Rain Gauge, by (1930) A. Boothman Esq.

Diameter ...	5"										
Height	10										
Altitude ...	950										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	3.82	7.69	(4.59)	5.21	2.63	3.57	4.04	3.88	9.61	1.59	5.70
February ...	2.97	5.7	3.99	4.61	1.51	6.73	3.95	1.79	5.54	.92	1.12
March	3.94	3.18	2.46	1.59	1.20	1.82	2.07	3.98	3.14	1.31	2.69
April	5.17	1.69	3.60	3.29	1.83	3.11	2.05	3.47	1.39	1.36	3.95
May	5.15	2.19	1.13	3.96	4.97	4.36	3.80	1.63	1.57	2.66	3.29
June	2.85	.21	3.31	1.24	3.18	.07	2.63	4.11	6.08	2.45	2.20
July	6.15	1.91	4.57	5.22	3.58	1.79	3.04	5.40	1.78	3.01	6.47
August	1.62	5.98	6.75	5.73	3.87	5.20	4.46	6.66	6.14	4.11	7.39
September...	2.36	1.76	4.13	5.94	4.39	3.42	3.81	5.69	1.20	1.81	4.41
October	3.14	2.91	1.06	5.35	4.11	4.84	3.19	4.15	5.51	5.74	6.83
November...	2.10	2.13	2.33	5.64	3.02	2.77	6.18	4.44	6.73	6.34	5.74
December...	2.93	5.62	4.18	3.53	3.70	4.43	2.38	1.44	2.85	8.33	3.46
TOTALS...	42.10	35.74	(43.10)	51.41	39.89	42.11	42.60	46.62	51.54	39.63	53.25
	D	D	D	D	D	D	D	D	D	D	D

1920 Gauge inspected Oct. 18. XII. 20. see Cast sheet

1922 Jan. 15th & 17th Cor. by rain station

1927 H. P. A. overexposed.

1928

1929 Walls 4'6" high 20 feet N. repaired. Observer hopes to set up leaf wall during 1930.

1930 Low n.p.

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	53°49'21"	2°9'2"	Nelson	3 min	NW	St. John's	2 min	NW

RAINFALL at Nelson (Coldwell Res.) S. No. 2.

County of Central LancashireObserver Nelson Corpn. W.W.River Basin Ribble & C. - 1.

Type of Gauge.....

Annual Average 46.3 in. based on 12 years obs. un-weighted. Period of average 1931-1942 Ref. 3

66552/26.

Diameter	5.										
Height	1.0.										
Altitude	960.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	7.60	7.08	3.99	4.59	2.85	4.48	4.84	5.96	5.62	1.75	49.26
February	7.02	6.5	5.78	5.3	8.60	3.27	5.86	2.18	4.63	2.01	40.63
March	6.3	3.54	3.10	3.27	2.25	2.43	2.21	2.63	2.52	3.36	25.94
April	4.07	5.24	2.54	3.60	3.36	1.42	3.10	.97	1.92	3.31	29.53
May	2.90	5.66	2.68	3.93	1.56	1.07	2.64	4.02	1.40	1.37	27.23
June	7.30	1.22	2.83	3.35	5.06	4.84	2.52	4.66	3.20	.87	35.55
July	5.77	5.02	4.27	3.37	2.54	4.84	2.38	5.61	6.42	4.49	44.91
August	5.41	1.66	2.04	4.54	2.05	3.45	2.34	8.17	2.98	2.79	35.43
September	5.52	7.76	2.09	4.20	7.98	5.24	2.25	2.28	1.44	4.37	43.33
October	3.74	8.31	4.70	6.56	10.52	5.24	2.49	9.75	2.52	4.46	58.29
November	8.27	4.00	3.17	3.08	5.71	5.83	1.98	6.69	3.29	7.04	54.06
December	3.68	2.48	.72	7.48	3.49	6.46	2.35	6.12	3.11	5.32	41.21
TOTALS	61.91	52.82	37.91	48.50	55.97	48.87	34.96	59.04	44.25	41.14	485.37
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1932. Wells 7'6" high 20' N.

1933. Gauge installed 22nd August. Recommended removal to another site on N. side of reservoir of No. 1. gauge - (sic over) and gauges 2 & 3 read for year or so, when it will be apparent whether No. 3 is suitable for retention as the standard. See file 66552/26.

1936. Wells 7'6" high 20' West, South + S.W.

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

No. of Map.....

Reference No.....

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1932	53°49'17"2"	9°5'	Nelson	3 1/2 m.	W. N. W.	Lawden	1 1/2 m.	N. N. E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Nelson (Coldwell Res.) No.1.County of C. LancsObserver Nelson Corp. W.W.River Basin 1- Ribbles + C.

Type of Gauge.....

Annual Average 42.8 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 3

66552/26.

Diameter	5											
Height	10											
Altitude	950											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.26	5.36	3.46	4.07	2.67	3.98	3.96	4.45	4.80	1.20		
February	5.27	.55	4.64	.50	7.73	3.37	5.46	1.83	3.86	1.78		
March	4.9	5.00	2.70	2.78	2.12	2.00	2.32	2.16	2.34	2.94		
April	3.77	4.76	2.81	3.123	3.09	1.59	2.85	.72	1.83	2.86		
May	2.87	5.21	2.42	3.20	1.44	1.12	2.58	3.90	1.44	1.28		
June	6.65	.89	2.77	3.14	4.75	4.55	2.16	4.18	2.95	.80		
July	5.10	4.79	3.42	3.13	2.20	4.19	2.15	5.61	5.81	4.19		
August	4.65	1.73	1.92	4.05	1.86	2.86	2.27	7.75	2.89	2.50		
September	5.43	6.92	2.12	3.34	7.60	4.88	2.05	2.16	1.26	3.72		
October	3.51	7.31	4.30	5.86	8.78	4.38	2.53	7.43	2.49	3.70		
November	6.06	3.74	2.87	2.76	5.62	5.14	1.95	5.15	6.38	5.81		
December	2.81	2.12	.66	6.63	3.04	3.75	2.07	5.11	2.53	4.47		
TOTALS	52.57	46.38	33.59	42.69	50.90	41.81	32.35	50.45	38.58	35.25		
	D.	D	1933-1934	1934-1935	1935-1936	1936-1937	1937-1938	1938-1939	1939-1940	1940-1941		

1931. LOW. NP.

1932. LOW. NP.

1933. Gauge inspected Aug. 22nd see file 66552/26. - exposure found to be unsatisfactory - recommended gauge should be abandoned, and another set up on N side of reservoir.

1933. LOW NP.

1935. LOW NP.

1936. NP LOW.

1937. Wall 7'0" high 25' N.

1937 NP LOW.

1938 NP LOW.

1940. Stn T.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1932.	53°19'25" N	2°9'0" W	Nelson	3 m.	N. W.	Lewden		

RAINFALL at S Nelson (Colchester) No 3 Station No. 2973/5

41

County of HampshireObserver Nelson Capt. W.W.River Basin Dilke & Co. - 1

Type of Gauge.....

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

File No. 665521/26

Diameter			5"	574	780						
Height			1' 0"		1						
Altitude			1060'		4						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January			-100	7.98	4.66	5.48	5.43	9.83	3.61	4.29	
February				2.80	6.15	6.93	(4.00)	3.55	4.27	6.06	
March				.95	2.11	1.70	9.96	2.97	2.52	3.01	
April				3.23	2.82	1.89	4.67	2.61	4.67	3.74	
May				3.22	4.88	2.01	2.73	1.47	3.24	2.49	
June				3.96	4.72	3.62	3.45	5.94	8.4	3.54	
July			-100	3.37	3.05	5.33	4.69	2.57	2.47	6.02	
August			#imp.	3.48	4.27	8.62	.27	4.54	3.77	8.11	
September			4.80	7.74	3.27	8.74	3.59	3.62	1.72	8.66	
October			3.73	5.21	6.66	1.32	1.44	3.07	5.69	3.77	
November			3.76	7.82	.62	8.55	7.74	2.89	7.42	6.73	
December			3.10	5.65	3.21	4.92	4.75	4.34	8.38	3.67	
TOTALS			-100 imp.	55.41	46.42	59.11	52.72	47.40	48.60	60.09	

1943 no obstructions, surrounded by turf walls.
1947. Feb. extra for snow

20004

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.
1943			Nelson	2 3/8	2965°	Harle Syke	2 1/2	259°

Station No. 2974

RAINFALL at Nelson (Goldwell Res.) S.N. 22

41

County of Central Lancashire Observer Nelson Corp. W.W.

River Basin Ribbles - T.C. - 1

Type of Gauge

Annual Average 46.3 in. based on 12 years obs. un-weighted. Period of average 1881-1913 Ref. S

File No. 665521/26

Diameter	5'			574	785						
Height	1'0"				1						
Altitude	960'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	2.52	4.38	6.25	8.12	4.24	5.03	5.29	9.26	3.39	3.91	52.39
February	6.37	1.37	3.66	3.18	5.96	6.42	(4.00)	3.40	4.12	5.97	44.45
March	4.02	4.06	1.07	1.08	2.02	1.54	9.54	2.76	2.40	2.78	31.27
April	2.18	1.45	2.43	3.24	2.76	1.86	4.57	2.44	4.33	3.47	28.73
May	2.38	2.49	2.78	3.39	4.80	2.02	2.73	1.36	2.86	2.31	27.12
June	.53	1.39	3.53	4.27	4.66	3.41	3.25	5.71	.79	3.27	30.81
July	2.26	4.90	3.72	3.30	2.84	5.26	4.63	2.34	2.43	5.75	37.43
August	6.32	3.81	7.05	3.48	4.00	8.47	.27	4.60	3.32	7.73	49.05
September	.95	3.72	4.55	7.48	3.21	8.41	3.28	3.38	1.54	7.78	44.10
October	5.31	8.57	3.47	5.04	6.12	1.28	1.40	2.96	5.39	3.47	43.01
November	3.21	1.78	3.44	7.42	.57	7.96	7.32	2.67	7.12	6.37	47.86
December	2.46	4.64	2.96	5.31	2.96	4.65	4.55	4.02	7.65	3.56	43.06
TOTALS	38.61 D	42.56 ~P.	44.91 D	55.31 D	44.14 D	56.31 D	50.83 D	44.90 D	45.34 D	56.37 D	479.28

1942 n.p. low.

1943 Stone wall 6 ft. high 26 ft. W. 20004

1944 no observation. Surved by Inf. wall.

1947. Feb. said Jan snow

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.
1943			Nelson	25/8 m	288°	Thrawden	1 1/2 m	24°

BRITISH RAINFALL ORGANIZATION

Station No. 2973/5

RAINFALL at Nelson (Goldwell Res.) No. 3

51

County of Central Lancashire Observer Nelson Capt. W. W.

River Basin Ribblesdale

Type of Gauge

Annual Average in, based on years obs. un-weighted. Period of average Ref.
" " 52.51 " " 14 " " 1944-57. " " 1916-50 66.5521/26
File No.

Diameter ...	5"			574	780						
Height ...	1' 0"				1						
Altitude ...	1060'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.17	6.12	2.40	4.40	2.68	7.11	4.61	4.66	3.20	6.42	
February ...	4.99	2.06	3.80	4.28	3.56	2.11	4.50	8.16	1.86	4.58	
March ...	6.17	2.76	2.31	3.29	1.96	2.28	4.78	2.07	2.26	1.63	
April ...	2.78	3.71	4.20	1.04	2.64	3.71	1.52	1.54	3.69	3.17	
May ...	3.15	2.33	2.31	4.16	4.25	2.55	1.56	5.57	2.10	2.16	
June ...	2.12	3.62	3.94	3.01	3.53	2.70	2.79	5.54	3.80	1.41	
July ...	5.06	3.22	6.80	6.91	.99	5.70	5.52	3.90	3.32	8.52	
August ...	4.83	6.43	7.01	8.81	1.30	12.29	6.62	5.21	1.00	7.15	
September ...	3.37	5.09	5.42	6.35	4.03	4.92	7.09	5.34	1.33	3.27	
October ...	1.71	6.12	2.30	9.51	3.82	3.26	6.91	4.37	5.61	5.69	
November ...	11.06	2.86	6.76	7.28	3.20	2.08	2.69	1.91	5.75	8.30	
December ...	11.66	5.32	2.57	7.43	7.06	6.74	7.24	3.64	7.93	6.32	
TOTALS ...	62.07	49.64	49.82	66.47	34.02	55.45	54.83	51.91	39.85	58.62	
	D	D	D	D	D	D	D	D	D	D	

1951 Gauge part. by inf. wall, no other obstructions

Position of Station on Ordnance One-Inch map :

No. of Map 95

National Grid Reference SD(54)90163562

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Nelson	3 m.	296°	Harrogate	2 1/2 m.	260°

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				camp 1943	

RAINFALL at § Nelson (Goldwell Res.) No 2

County of Central Lancashire Observer Nelson Corbin. W. 10.

River Basin..... Riddle & C-1

Type of Gauge.....

Annual Average 46.23 in. based on 12 years obs. un-weighted. Period of average 188-1915 Ref. 5
 " " 49.85 " " " " " within 1946-57 " " " 1916-50 File No. 46-5521-26

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	460'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means To All	
January ...	4.90	5.80	2.15	4.25	2.60	6.67	4.30	4.14	3.15	6.08	44.04	
February ...	4.55	1.90	3.53	4.19	3.39	2.04	4.37	7.70	.83	4.49	36.99	
March ...	5.39	2.60	2.05	2.70	1.89	2.06	4.91	1.97	2.11	1.59	27.27	
April ...	2.58	3.57	3.98	.96	2.57	3.50	.46	1.43	3.61	3.11	25.77	
May ...	3.04	2.29	2.20	4.08	4.24	2.39	1.49	5.36	2.03	2.12	29.24	
June ...	2.06	3.47	3.78	2.88	3.40	2.49	2.75	5.33	3.70	1.39	31.25	
July ...	4.84	3.11	6.56	6.75	.91	4.88	5.46	3.76	3.22	8.50	47.99	
August ...	4.72	5.82	6.49	8.63	1.30	11.61	6.35	4.98	.97	7.07	57.94	
September ...	3.17	4.86	5.04	6.40	3.96	4.51	6.76	5.19	.33	3.21	43.43	
October ...	1.62	5.71	2.26	9.38	3.39	3.28	6.59	4.26	5.44	5.62	47.55	
November ...	10.32	2.57	6.32	7.14	3.03	1.97	2.59	1.89	5.67	8.33	49.83	
December ...	10.58	4.68	2.50	7.42	6.52	6.39	6.88	4.52	7.81	6.23	63.53	
TOTALS ...	57.77	46.38	46.86	64.78	37.20	51.79	52.91	50.53	38.87	57.74	504.83	

1951 Gauge set by tie wall, no other obstructions

§ Turf wall

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference 59(4) 30063625

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Nelson	23 1/4 m.	285°	Stranden	1 1/2 m.	246°

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	C1918 ✓	✓ ✓	✓ ✓	✓ n.p. 42 ✓	