

RAINFALL AT Nelson, Coldwell Reservoir

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

J. Newton Esq., C.E.

Ribble - 6.1

Diameter								8			
Height								20			
Altitude								950			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							4.66	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							2.99	2.33	6.80	1.35	
December							3.77	1.86	1.62	2.00	
TOTALS							33.98	1881	26.85	27.75	

Reected from Survey : 12° too low

RAINFALL AT Nelson Goldwell Reservoir

Lat.

Long.

County of Lancashire

C.E.

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	
February78	.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	2.98	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	3.759	
September	2.93	3.04	3.03	3.32	.28	1.94	5.60	3.80	1.10	5.48	3.059	
October	2.94	3.23	6.35	3.77	3.66	3.92	3.83	1.34	4.41	3.18	3.668	
November	6.17	3.54	1.27	2.29	1.84	2.99	1.58	2.90	1.77	1.00	2.536	
December39	5.34	1.63	3.05	2.10	3.47	3.44	3.00	3.32	2.01	2.976	
TOTALS	3495	3576	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. Lon. County of Lancashire South
 Ordinary Rain Gauge, by Passatelli ... Observer C. E. Newton Esq. CL.

Ribble & 61

Diameter ..	9										
Height	20										
Altitude ..	950 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
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	1.36	
March ..	.56	1.95	2.09	3.96	2.42	3.80	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	9.12	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 NW

1907-1916 2nd. 18.17 end. 20.17

up to 1906 all much too low
 after 1906 - too big

Rejected from Survey: ~~too low~~

RAINFALL at Nelson Coldwell Reservoir

County of Central Lancashire Observer Smith Whitehead Esq

River Basin Ribble & L.

Gauge Rain Gauge by N.E.R. (14)
Snowdon 5 in. (XII.20.)

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	2.81	2.72	3.14	5.44	3.22		6.73	2.34	
March	1.12	3.41	6.88	4.96	5.92	2.16	2.94		3.37	4.76	
April	5.26	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	7.3	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		10.27	5.14	
TOTALS ...	61.25	51.99	67.11	46.76	49.33	41.41	49.34		78.82	34.94	

1910-1916 Rec'd 28 Sep 1917 Entered 17 Dec 1917 (part bad)

1918 Wall 6 ft high 20 ft N.

1919 Reservoir 77 ds. 8.

inspected H.R.M. 17.10.17. Is in good condition

+ c. 15. 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. News. 1917
Snowdon.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	53°49'20"	2°9'5"	Nelson	3 mi	NW.	St John	2 1/4 mi	N.W.

RAINFALL at Nelson, Coldwell Reservoir No. 2.

County of Central Lancashire Observer Smith Whitehead Esq C.E.

River Basin Pibble & L.

Snowdon Rain Gauge, by N.G.

Diameter ...										5"	
Height										1-0	6
Altitude ...										960	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
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

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

Site selected by H.H.M. 17.10.17. "a fair site though ground to S.W. much broken and very deep cut valley close up to reservoir".

+ C.S. 18. XII. 20. On S. of reservoir 24' pds from deep dip to S.W. but sloping slightly down to S. foreground. Dips also on W. & slightly on E. stone retaining wall 20 ft. N. S. in wooden railled-in enclosing.

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	2½ Mls	N. W.

RAINFALL at Nelson Coldwell Reservoir No 2

County of C. Lancashire

Observer Smith Whitehead Esq. C.E.
(1915) J.A. Rodwell Esq., T.E.

River Basin Ribble &c.

Water Board Nelson

Snowdon Rain Gauge, by N.G.

(1930) A. Boothman Esq;

Diameter ...	6"										<u>Mean</u> 1930
Height	10										
Altitude ...	960										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
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	70	5.09 6.42	1.85	8.52	5.09	2.45	7.36	1.14	1.19	
March	4.64	2.09	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	4.88	5.16	4.87	2.70	1.98	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 8.1.18.XII.20. See last sheet.

1922 Jan Ambiguous stations

Letter of 30.12.19 said Whitehead approximately 2 miles from Coldwell Reservoir on Red Scar Moor & on top of Paddle Hill less than put down. (written after entry)

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

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
1918	53° 49' 18" N	2° 9' 5" W	Nelson	3 mi	N.W.	St. John	2 1/4 mi N.W.

RAINFALL at Nelson Coldwell Reservoir No. 1.

County of Central Lancashire Observer Smith Whitehead Esq. C.E.
River Basin Ribble &c. (1925) J.A. Rodwell Esq., C.E.

Snowdon Rain Gauge, by

(1930) A. Boothman Esq.

Diameter ...	5"		METERED 1930
Height	1	0									
Altitude ...	950										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
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	1.57	3.99 4.61	1.51	6.78	3.95	1.79	5.54	1.92	1.12	
March	3.94	3.18	2.46 1.59	1.20	1.82	3.07	3.98	3.14	1.31	2.69	
April	5.17	1.69	3.60 3.39	1.83	3.11	2.05	3.47	1.39	1.86	3.95	
May	5.15	2.19	1.83 3.96	4.97	4.36	3.80	1.63	1.57	2.66	3.29	
June	2.87	1.21	3.31 1.24	3.18	1.07	2.63	4.11	6.08	2.45	2.20	
July	6.15	1.81	4.87 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	5.87	5.20	4.46	6.166	6.14	4.11	7.39	
September...	2.36	1.76	4.13 5.94	4.39	3.42	3.81	5.67	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	5.44	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...	2.83	5.62	4.18 3.03	3.70	4.43	2.38	1.44	2.85	8.33	3.46	
TOTALS...	42.10	35.74 (3.10)	51.41	39.89	42.11	42.60	46.62	51.54	39.63	53.25	
	2	2	2	D	P	P	D	D	D	D	

1920 Gauge Inspected G.S. 18.XII.20. see Cast sheet

1921 Jan. 15th & 17th over 6 mm. stations

1922. H. P. G. overexposed.

1923. — do —

1929. Wall. 4' 6" high. 20 feet N. Repainted. Observer hopes to set up turf wall during 1930.

1930 Low n.p.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 49' 21"	2° 9' 2"	Nelson	3 min	NW	St. John	2 min NW

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

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

River Basin Ribble & C.-I.

Type of Gauge.....

Annual Average 46.3 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. D
665521/26.

Diameter	5'											
Height	1.0.											
Altitude	960											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Mean 10 years	
January	7.60	7.08	3.99	4.59	2.86	4.48	4.84	5.96	5.62	1.75	49.26	
February	7.02	6.65	5.78	6.3	8.60	3.37	5.86	2.18	4.63	2.01	40.63	
March	6.63	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	3.26	.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	7.96	2.09	4.20	7.98	3.24	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	8.29	7.04	54.06	
December	3.68	2.48	.72	7.48	3.49	6.26	2.36	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	485.57	

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

1933. Gauge installed 22nd August. Recommended removal to another site on N. side of reservoir of No. 1 gauge - (cover) 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 665521/26.

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

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°49'7" 2°9'5"	Nelson		32 m.	W. N. W.	Haworth	12 m.	N. N. E.

31

RAINFALL at Nelson (Coldwell Res) No. 1.

County of C. Lance

Observer Nelson Cooper, W.W.

River Basin. 1 - Ribble &c.

Type of Gauge.....

Annual Average 42.5 in. based on 17 years obs. unweighted. Period of average 1881-1900 Ref. 2

1881-1915 Ref. 3

665521/26

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	4.49	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	3.12	3.09	1.59	2.85	.72	1.83	2.86	
May	2.67	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	2.63	7.43	2.49	3.70	
November	6.06	3.74	2.87	2.76	5.62	5.14	1.95	3.15	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	32.50	42.69	#	50.90	41.81	32.35	50.45	38.58	35.25
	D	D	L	L	L	NP	NP	NP	NP	NP	#

183 LBRW NP

1931. DON. 100.
1982. DON. N.P.

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

1933. Loto n° 1

1935. Low. n/p.

١٩٣٦ م/ج

1937. Wall 7

1951 ניר low.

1938 not printed (cont.).

1940 Str T.

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

Reference No.

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

41

RAINFALL at ^{rop} Nelson (Collected) No 3 Station No. 2973/5

County of Lancashire

Observer Nelson Corp. W.W.

River Basin Ribble - 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	4.84	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
October				3.73	5.21	6.66	1.32	1.44	3.07	5.69
November				3.76	7.82	.62	8.55	7.74	2.89	7.62
December				3.10	5.65	3.21	4.92	4.75	4.34	8.38
TOTALS			-100	imp.	55.41	46.42	59.11	52.72	47.40	48.60
					D	D	D	D	D	D

1943 no obstructions, instrumented by
1947 Feb. extra jn snow

turf wall.

20004



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

Data.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1943			Nelson	2 7/8 m	296°	Harsle Syke	2 1/2 m 259°

Station No. 2974

RAINFALL at Nelson (Holdwell Res.) SN 97

41

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

River Basin Ribble - 7 C - 1

Type of Gauge.....

Annual Average 16.3 in. based on 12 years obs. un-weighted. Period of average 1881-1915 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 1940-50
January	2.52	4.38	6.25	8.12	4.24	5.03	5.29	9.26	8.39	3.91	52.39
February	6.31	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	31.21
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	1.33	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	.21	4.60	3.32	7.78	49.05
September	.75	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	42.56	44.91	55.31	44.14	56.31	50.83	44.90	45.34	56.37	479.28
D	D	D	D	D	D	D	D	D	D	D	
1942 np. low											
1943 stone wall 6 ft. high								20004			
1944 no obstruction, screen'd by turf wall.											
1947 Feb. covered 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
1943			Nelson	25/8 m	288°	Trawden	1/3 m 24°

Station No. 2973/5

51

RAINFALL at Nelson (Caldwell Res.) W.E.

County of Central Lancashire

Observer Nelson Corp. W.W.

River Basin Ribble & L.

Type of Gauge.

Annual Average... in. based on... years obs. un-weighted. Period of average... Ref...
 " " 52.51 " " 14 " 1944-57. " " 1916-50 File No. 665521/26

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	6.20	6.91	4.99	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	10.32		
TOTALS ...	62.07	49.64	49.82	66.47	39.02	55.45	54.83	51.91	39.85	58.62		
	D	D	D	D	D	D	D	D	D	D		

1951 Gauge surr. by turf wall, no other obstructions

Position of Station on Ordnance One-Inch map :

No. of Map 95

National Grid Reference SD 6490162562

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Nelson	3 m. 296°	Harleslake	2.5 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 ✓	

Station No. 2974

51

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

County of Central Lancashire

Observer Nelson Corp. W.W.

River Basin Ribble & L. 1

Type of Gauge.

Annual Average 46.3 in. based on 12 years obs. un-weighted. Period of average 1916-50 Ref. S
 " 49.85 " " " " within 1946-57. " " " 1916-50 File No. 665524/26

Diameter ...	5"	574.785									
Height ...	1' 0"	1									
Altitude ...	460'	51									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means-Totals
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	3.89	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	4.46	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	2.56	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
	0	D	3	D	D	D	D	D	D	D	

1951 Gauge set by turf wall, no other obstructions

Stump wall

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference SD 3430083625

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Nelson	2 3/4 m., 288°	Strawden	1/2 m. 026°

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	C 1918 ✓	✓	✓	✓ n.p. 42 ✓	