RAINFALL AT Staindrop Raby Cachle 70

Low. County of Durcham.

Rain Gauge, by Observer. M. Wash cott

-					-				-			-
	Diameter							8		,		
	Height						1-					
	Altitude						460					
	Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS,
-		100										903
	January							72	4.41	2.26	7 43	
	February							2.55	1.39	1:19	3.67	A COLOR
1	March										1.50	
	April							2.77	433	1.70	257	
-	May							.75	2.32	5.25	1.61	
	June		N. Carlo					2.27	1.56	2.77	3.89	
	July							1.65	3.90	.50	3.64	
	August							2.43	6.09	3.58	3.33	
	September		19.30					3.44	2.62	2.02	1.76	
	October							1.92	3.10	1-43	.81	
	November		NEWS THE REAL PROPERTY.				5.76	3.4.3	2.76	5.84	1.64	
	December										1.25	
	TOTALS							34:57	37.67	29.75	26.10	

RAINFALL AT Laindrop Ruby Castle 80

Lon. County of Durcham

Rain Gauge, by Observer M. = R. Westcott

Lees 1.		Rain G									
Diameter	8										
Height	1.0			.8						10	
Altitude	460 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.35	1.11	1.39	3.29	4:33	2:30	4:35	2.42	.99	.70	2.123
February										1.24	1.509
March									5.21	2-30	2.543
April									1.68	3.46	2.029
May									.84	1.92	1.835
June										.22.	1.785
July									6.21	3.00	3.526
August									1.95	3-53	2.210
September									.87	-64	2.579
October									.52	4.63	3-431
November									5.82	1.48	2.777
December											2.139
Totals	33.03	35-14	3343	28.35	24.83	2376	34:17	20.80	27-25	24.10	28.486

1889 Standrop Church 1 Mile SSN Trees 50 ft high 50 ft N Panesting 50 ... 50 - E RAINFALL AT Staindrop Raby fastle

Jees 1.		Rain C	iauge, by			Obser	cer	mu r	Han N. R.		ith
Diameter	8										
Height	10				9						
Altitude	460 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEAN
January	and the second of	1-54	1.50	1.54	2.69		1.20	2-14			
February	.56	.00	2.62	2.42	6.64	8.63	.95	3 - 21			
March				2.59							
April				.26							
May				2.47							
June				1.20							
July				3.81							
August				3.28				1			
September				1.77							
October	1.57	3.86	6.05	1.45	5-51	5-19	6.79	1.02			
November				2.78							
December				2 68							
TOTALS	-	-	-	-		-					

1890 Trees soft high goft NHE 1891 Hamidrop Church I Mile S 1893 Pearl House 1894 by 24 ft N

1897 Total about 15 inches too big gauge leaking badly prabably also in 1895 796

# 1890 \$1892 bad Were dock region

RAINFALL AT Darlington Raby factle Durham Lat. County of .. Observer Rt Hors Land Baranass Rain Gauge, by Jes te-1. Diameter 5 Height ... 10 Altitude 460 1906 1907 1908 1909 MEANS. 1900 1901 1902 1903 1904 1905 Year .... January ... .86 2.83 1.68 1.71 3.45 1.10 February 1.54 1.62 2:33 1.43 2.03 1.94 2.70 March ... 193 1.17 4.75 461 1.21 2.65 2.25 April ..... .78 2.06 3.08 2.89 1.58 1.29 1.53 May ..... 3.66 3.20 3.22 1.75 2.74 3.87 2.98 June ..... 77 4.24 1.07 1.86 1.42 2.33 2.31 July ..... .56 2.66 3.99 3.81 2:43 3.21 1.95 August .... 3.14 1.50 1.64 2.73 2.21 2:25 2:95 September .. .77 2.75 1.60 3.34 2:54 .41 October... 2.77 8.44 1.17 3.86 5.37 2.62 2.38 November . 6.23 2.15 1.76 2.25 3.43 2.82 126 .58 December ...

> 1902 Staindrep Church 1 Mile S Stand 5 ft high 12 feet W Winston 3 miles S.

2.32 1.95 1.89

TOTALS ..

1903-04 and 1906-11 Received II-13. Entered 15.XI.13

24.05 3587 25.26 Post 26.66 29.69 28.33 29.93

2.82 3.54 .88 4.42

RAINFALL at_S	taindrop	, Raby Gardens	
County of Duham	_ Observer	LodBarnard	my Tulle Howden
River Basin Jees + C 1			
Rain Gauge, by			

Diameter		5								
Height		10								
Altitude		460								
Year 1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS
January 3.75	1.73	3.58	4.58	1.82						
February 2.91	1.54	209	1.36	2.29						
March 80	2:41	2.52	4.12	2.33						
April 2:64	1.29	.15	3.51	.71						
May 2:20	1.00	2.62	3.80	1.56						
June 3.04	3.48	5.51	2.45	4.16						
July 3-97	37	3.76	1.36	2.69						
August 4.26	1.89	6.29	1.35	2.06						
September 32	1.98	2.71	3.81	1.76						
October 2:35	3.06	2.36	3.12	2.69						
November 4.05	4.42	1.80	1.99	4.60						
December 2.57	430	2.41	1.96	5.38						
TOTALS 32.86		3500	22 / /	20.00	N/PD					

oh 8 am 1903-04 o'06-'11 Received II.12. Contact 15.XI.13.
1913 Thermouth Seven 5 ft high 49ds &

Date.	Lat. N.	Long.	Railway Station.	Distance-	Direction.	Church.	Distance.	Direction.
1910	1.75. W	54.5N	Winston MER	3 mls.	S.	Standrop	Inile	S.

## Air Ministry, Meteorological Office.

$\boldsymbol{\cap}$	
/	٠.

						OLD GAUGE								
Diameter			13.50	FIE				n la v						
Height												5		
Altitude														
Year		 1920	1921	1922	1928	1924	1925	1926	1927	1928	1929	1930		
January										ATT		3.98		
February												1.61		
March												2.45		
April												37/		
May												155		
June												1.41		
July											3.67	6.38		
August	****										2.72			
September											1.15			
October											2.29			
November											3.27	-		
December											5.10			
TOTALS											imp	37.66		
												16.30		
												RE.		
												87		

	Map, 2 miles			of Map	Reference No				
Date,	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge			
						100000			

## Air Ministry, Meteorological Office.

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County of River Basin	Te	es +	c.1.		Obse		per 1	В.Н.	Col		. Gajo
		in Gauge	:, бу		NE		AUG				
liameter							SESTION AND ADDRESS OF THE PARTY OF THE PART				5"
eight											1' 0"
ltitude											450'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
anuary											3.69
ebruary											1.55
arch											2.44
pril											3.60
lay		o liga									1.49
une											1.38
aly										3.58	639
ugust										2.49	4-96
eptember										1.11	3.55
ctober										2.10	2.24
ovember										3.09	3.18
ecember								1		5.08	262

River Basin Tees T.C.—1.  Type of Gauge Marchine  Innyal Average 28.5 in based on 2 ryegrs obs. marceighted. Period of average 1891—1915 Re 7 Santa Casth (Source Fluxeum)  924389/29  Diameter 5.	1. Tee
naud Average 29.5 in based on Tryears obs. manueighted. Period of average 1991-1915 Research Crath (Period Museum) 924389/29  Diameter	1. Tee
Diameter	1. Tee
Diameter 5'.	
Height I. C	-
Altitude 450	
Year	40 Mea
January	
February 2.05 .94 6.67 .35	
March 1.98 1.73 2.00 3.09	
April 3.35 2.04 1.01 3.60	
May 3.11 395 251 174	
June 3.75 1.26 2.08 1.44	
July 3.32 3.46 1.82 2.18	
August 3.77 2.17 1.38 2.76	
September 2·7/ 2.57 / 78 (/-60)	
October	
November 3.09 /35 2.84 2.14	
December	
December 1.28 1.10 1.13 14.48	
TOTALS 31.42 26.45 27.92 (28.94)#	

		Position of Station on reduced Ordnance Survey Map, No. of Map							
. N. Long	Railway Station,	Distance Direction from gauge	Parish Church		Direction				
	Winskn	3m. 4i	. Stamdoh	Im	9.				
	. N. Long		from gauge	from gauge	from gauge Farish Church from				

RAINFALL	at Staindrop (Raby Castle) new	9.
1012111 - 111111		V

County of Durham Observer Lord Barnard.

River Basin Tees & C. - 1.

Type of Gauge Snowdon

Annual Average 216 in bysed on 2 years obs. me weighted, Period of average 1881-1915 Ref Tec-

+ vii/1924- xii/19	1								4389/2	4.		
Diameter		5.						5			5	
Height		1.0.						1 0			1.00	
Altitude		450.						450			450	
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
January		1.91	1.86	1.52	1.67	1.87	492	3.75	3.22	5.31	2.00	2803
February		1.97	.89	6.63	35	4.00	344	409	1-28	1.60	2.25	265
March		1.95	1.72	2.00	308	.71	2.95	4.49	144	3.80	2.44	235
April		3.27	2.00	1.04	3.67	2.38	1.50	2.76	.10	1.07	1.82	196
Мау		2.98	3.88	2.55	1.73	.81	2.55	2.58	3.67	. 87	1.30	229
June		3.63	1.26	2.08	1.45	2.40	3.59	1-22	2-83	2:59	.63	216
July		3.23	3.00	1.83	2.19	.47	3.68	2.76	2.76	3.85	5.24	290
August		3.75	2.16	1.40	2.75	4.71	1.95	1.57	2.37	4.28	.40	253
September		2.69	2.56	1.79	1.60	6.07	4.76	1.64	1-66	1.75	1.43	259
October		1.01	3.99	3.07	3.79	4.11	1.86.	2.28	5.03	5-73	3.57	344
November		2.87	1.36	2.81	2.15	5.05	3.37	1.69	2.68	2.99	3.86	288
December		1.23	1.08	1.07	4.43	1.93	2.17	4-47	5.09	1.00	2.13	2460
TOTALS		30.49	25.76	27:79	28.86	34.51	36.74	33:30	31.13	34.84	27.07	3100

1934 Small fruit bushes. 3'high 14' E +W.

1935. Cordon 6'high 12'W. Euranto. Brandles 7'high 8' E.

Position of Station on reduced Ordnance Survey Map, No. of Map							
Lat. N.	Long.	Railway Station,	Distance Direction from gauge	Parish Church.	Distance Direction from gauge		
		Minston	8m S.E.	Stambop.	Im S.		
			Lat. N. Long. Railway Station.	Lat. N. Long. Railway Station. Distance Direction from gauge	Lat. N. Long, Railway Station, Distance Direction from gauge Parish Church.		

Annual Average 24 a.in. based on 2 2 years obs. an weighted. Period of average. 1881. 915 Ref. Test

								File N	0	924	189/29
Diameter	5*		029	156							
Height	1'0"			1						1	
Altitude	450			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totalo
January	4.37	3.17	3.57	1.54	5 43	1.45	3.39	9.52	.97	2.05	35.46
February	4.46	2.89	1.20	2.34	259	.54	(3.50)	2.22	1.38	5.85	27.02
March	2.87	2.08	-81	.89	70	1.77	6.63	1.72	1.17	1.28	19.92
April	2.14	1.43	1.04	1.58	188	1.83	531	2.74	1.72	3-20	22.87
Мау	1-28	1.62	3 47	1-10	3 54	3.98	2.83	1.99	1.13	1.78	22.72
June	.65	-73	1.3b	2.08	3.10	3.00	3.49	468	1-21	1.26	21.56
July	1.54	2.25	1.69	496	2.50	5.86	3.42	1.18	3.02	2-92	29.34
August	1.35	2.20	3.77	1.64	421	5.29	.33	687	2.86	443	31.95
September	25	2.88	3.09	695	2.12	6.46	2.37	3.90	2.18	3.95	34.15
October	3.57	1.91	2.81	2.93	5.87	1.52	.82	1.93	4-73	1.15	27.24
November	3.39	1.11	2.49	5.68	1.51	7.20	2.77	208	5.18	5.41	36.83
December	.43	2.68	1.50	2.10	1.85	3.44		3.28	4-93	2.11	25.01
TOTALS	26.30	24.95	26.80	33.79	35,30	4239	37.60	41.11	30.48 N.P	35.39 N.P.	334-11

1941 Jan could for show. Oct total amended 2000/14
1945 - Beig - perit with guery thung ref. 1946 a things - would. 1946 a.p. high
1947 - Be at warmer N.P. tota.
1960 Cremine casting perhally due to Such hat the rim of fund had here reflected however
which made the disconstruction of the had 1920 389 for)

The second improved often we wrote in june 1950.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			W 19.7			

RAINFALL at Staindrop (Raby Gastle)  County of Surcharm: Observer Sound Batterary River Basin Second Color (Enguesias & Company)  Type of Gauge Surcharm: Observer Sound Batterary  Type of Gauge Surcharm (Enguesias & Company)  Annual Average File in based on Surgers obs. the recipited. Period of average 1881 1915 R  Diameter 5 029 156  Height 1' 0'	d. C. M. 6.11 schoon C. a Lay. Se
County of Sanchan.  River Basin Leep L. Consider.  Type of Gauge.  Annual Average Like in. based on 2 k-years obs. the reciphted.  Period of average.  Altitude.  H50'  Year 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960  January 2.25 2.56 .55 2.24 2.79 3.93 2.20 2.09 2.78 4.26  February 3.03 (.62) 1.71 1.62 2.63 3.42 2.80 5.10 .23 2.81  March 3.72 1.53 .27 1.30 2.12 1.47 1.51 2.94 .92 2.72  April 1.95 1.40 2.19 .45 .45 .89 .36 1.45 2.22 1.26	d C.M.6.1 achyon (1 a.e.ay. Se
River Basin. Select le (Boganasis & C.M. Inteller.  Type of Gauge. Snowden.  Annual Average & Lele. in. based on 2 k-years obs. the weighted. Period of average. IRI. 1915. R  130-26 " " 20 " " William 1930-56 File No 924-2324  Diameter 5	Ref. Lun.
Type of Gauge	Ref. Lus
Innual Average   Innu	Bes. Lus
Diameter 5	9/29
Height 1' d'	
Height 1' 0'	-1
Year 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960  January 2.25 2.56 .55 2.24 2.79 3.93 2.20 2.09 2.78 4.26  February 3.03 (.62) 1.71 1.62 2.63 3.42 2.80 5.10 .23 2.81  March 3.72 1.53 .37 1.30 2.12 1.47 1.51 2.94 .92 2.72  April 1.95 1.40 2.19 .45 .45 .89 .36 1.45 2.22 1.26	
Year 1951 1952 1953 1954 1955 1956 1957 1968 1959 1960  January 2.25 2.56 .55 2.24 2.79 3.93 2.20 2.09 2.78 4.26  February 3.03 (.62) 1.71 1.62 2.65 3.42 2.80 5.10 .23 2.81  March 3.72 1.63 .37 1.30 2.12 1.47 1.51 2.94 .92 2.72  April 1.95 1.40 2.19 .45 .45 .89 .36 1.45 2.22 1.26	
February 3.63 (.62) 1.71 1.62 2.63 3.42 2.80 5.10 .23 2.81 March 3.72 1.63 3.7 1.30 2.12 1.47 1.51 2.94 .92 2.72 April 1.95 1.40 2.19 45 .45 .89 36 1.45 2.22 1.26	Means.
March 3.72 1.53 37 1.30 2.12 1.47 1.51 2.94 .92 2.72  April 1.95 1.40 2.19 .45 .45 .89 .36 1.45 2.22 1.26	25.65
April 1.95 1.40 2.19 .45 .45 .89 .36 1.45 2.22 1.26	23.97
140 0 140 0 222	18.50
May 3.21 1.39 2.60 3.49 1.96 .56 1.66 3.27 .45 2.02	12.62
	20.60
June 59 1.00 2.25 1.92 2.36 2.76 1.49 3.70 447 56	21.10
July 1.06 1.13 2.73 1.26 (.80) 292 3.98 2.27 1.28 4.02	21.45
August 3.93 2.00 4.30 5.73 .88 7.70 3.53 2.87 .41 1.52	32.87
September 1. u2 3.71 1.74 2.60 .98 2.92 4.41 3.21 1.19 2.58	24.76
October 1.25 3.18 1.92 4.70 2.13 1.46 2.15 1.80 1.46 5.60	25.65
November 7.64 2.86 1.55 4.90 1.79 .76 174 .49 3.38 3.57	28.68
December 3. 03 2.16 .92 2.53 3.89 3.35 2.65 4.38 3.47 2.95	29.33
Totals 33.08 23.64 22.73 22.74 23.77 32.14 28.48 23.54 22.24 33.87	285.18

1966. July est. 1036.

00404

1910-19

National Grid Reference NZ(45).128222. Position of Station on Ordnance One-Inch map: No. of Map. Distance Direction from gauge Distance Direction from gauge. Railway Station. Parish Church. Date. Lat. N. Long. Summary of Earlier Records from 10-year Sheets:

1920-30

C Jup 1929

1931-40

1941-50

V np 46-50

1951-60

Record D, or d

(62) Wt. 13072-389 10m 6/50 T.S.