## Rainfall at Denton Preservoir

Manchester

Height above Ground, ...... ft. ..... in. Above Mean Sea Level, 3.2.14 ft. Diameter of Gauge, ..... in.

YEAR		1854	1855	1856	1854	1838	1859	MEANS.
January			. 70					
February		Barrier Contract	. 83					
March			2.01			/		
April		,	1.10				,	
May		2.32	1.24	2.62	1.90	2.09	.35	
June		2.41	3.63	2.30	2.48	2.77	1.82	
July		3.95	4.03	3.53	4.30	2.55	3.79	
August		2.70	3.30	6.15	5.29	3.77	6.42	
September -	ar half and				/		4.55	
October	III In 2 h da		4.65					
November -		2.83	.58	3.45	1.21	1.02	2.25	
December -		5.56	.86	3.11	1.31	3.10	2.27	
TOTALS -					1		34.26	

2933460

# Denton Reservoir

+ Sea Level 324/

YEAR	1860	1861	1862	1863	1864	1065	1866	1867	1868	1069	MEANS.
January									2.22		
February									2.14		
March									3.67		
April											1.002 -
May									1.40		
June									36		
July									.35		
August									2.50		
September -	2.37	4.00	4.91	5.57	3.90	.68	5.72	2.25	1,44	5.43	3.62) +
October	3.76	1.15	4.64	5-67	1.90	5.62	2.32	3.47	3.90	3.06	3.5-52
November -	2.35	4.10	1.22	2.54	2.84	238	5.10	1.64	2.92	3.98	2.907
December -									7.72		
Totals -	35.51	28.28		35.81					30.22	33.24	32.974

Lat				n		County	ofX.	I Ba	dema	n En	
							//				
Diameter											
Height											
Altitude	324										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEA
											ile
January	2.58	7.01	3.55	273	3.28	3.58	1.74	4.97	3.89	1.34	2.80
February	66	2,52	2.66	.39	1.58	.60	3.71	3.91	95	278	1.9
March											
April											
May											
June											
July		all a									
August											
September											
October											
November	2.19	1.34	3.37	1.88	4.80	3 99	3.21	5.11	2 28	1.31	2.9
December											

### RAINFALL AT Deuton Reservoir

Lat				Lon			1	/-		chy	
		Rain G	auge, by_			Obs	ervers! 9	Ba	lema	u,60	9.9.
Mersey - 1	lpper	H									
Diameter	, ,										
Height											
Altitude	324T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS
January	.50	.40	2.53	3.95	4:58	1:57	4:58	1.42	1.48	1.35	2:28
February										1.69	1.98
March	2.40	4.13	2.41	-89	1.78	1.72	1.93	1.32	1.67		2.16
April	1.40	1.20	3.28	1.86	92	1.23	1.86	1-19	1.66	1.80	1.64
May	2.39	3.57	1.72	1.23	1:52	1:59	5:27	2.17	90	2.19	2.25
June										.54	2.56
July	6:48	2.20	5.32	2.78	3.89	1.18	3 74	.75	7.20	2.80	3-63
August	2.18	4.35	3.38	3.10	175	1:21	1.78	1.46	3-32	6.18	2.87
September	4.52	3.03	2.04	4.84	2:51	3.96	3 50	3.41	1.50		3-21
October	2.78	2.85	3.02	4.85	2'38	5:30	5.74	1.84	1.73		3.35
November	353	3.08	5.78	2.99	1.64	2:57	2:22	1.18	4.72	1	2.94
December		1		,	1					2.21	3.35
Totals	36-82	36.44	43.43	35.74	27:14	28.01	3641	18.57	29.71	29.86	32.21

### RAINFALL AT Denton Reservoir

Lat.	NEA			Lon.		Con	0	land			
Mersey - U	pper	Rain G	lauge, by			Observ	er G	. X. X	iel	59 0	2
Diameter						12		1493/1			
Height						2.0					
Altitude	324 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.05	2.57	3.21	1.14	2.30	1.86	1.18	1.07	1-84	3.69	2.191
February											1.661
March											2.080
April	.73										1. 500
May	1										2.283
June											2 6 92
July											2.680
August	3.91	5.82	3.99	2.40	3.66	3.68	2.61	3.92	5.36	1.67	3 402
September											2.756
October	2.31										3.329
November	4.80										2.405
December	. 22										2.956
Totals	28.60	35.52	34.48	2685	30.37	28.79	30.07	30.54	28.72	28.76	30.2.70

### RAINFALL AT Denton Reservoir

Lancashire Observer G. H. Hill Eng C. Rain Gauge, by ellersey 4 Diameter ... Height .... 2 . 0 Altitude .. 324 T 1908 1900 1901 1903 1904 1905 1906 1907 1909 MEANS. 1902 January 3.84 1.60 2.11 2.50 2.60 1.89 4.02 1.27 2.28 1.63 February 2.12 1.14 .87 2.56 2.76 1.66 2.89 1.85 1.992 2.60 1.47 .62 1.92 1.37 3.52 1.75 3.34 2.75 2.78 2.28 2.49 2.39 2.14 1.86 1.62 2.17 2.28 2.03 136 1.98 2.67 2.97 1.43 .60 2.62 2.86 .68 2.55 2:074 3.60 1.94 1.49 June 2.96 1.54 .96 1.04 . 86 2.82 1.08 5.07 July 2.86 4.02 1.88 3.04 1.07 2.34 1.82 3.3/ 2.890 3.196 4.25 1.34 3.13 3.46 3.78 4.10 2.77 3.31 2.88 September 1.00 .64 .96 4.10 1.20 2.24 1.42 .77 2.07 2.89 October. 3.89 2.90 4.00 6.18 1.18 3.00 5.86 3.30 1.33 4.77 1.95 4.11 1.23 3.41 2.41 2.65 2.79 2:15 2.34 2399 December . . .91 2.60 .60 3.45 276 2.27 4.00 4.73 2.00 TOTALS ... 32.96 31.31 26.68 23.34 34.96 25.24 27.60 33.43 31.53 28.42 29.54

RAINFALL at Denton Receivour

Country of South Am earline Observor G. H. Hillay C.E.

River Basin Upper Maragy 4

Rain Gauge, by\_\_\_\_\_

Diameter	12										
Height	20			7							
Altitude	324 T										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	-MEAN
January	3.04	. 97	2:3,3	2.75	2.36	4.76	2.44	1.90	2.10	3.37	9.8
February										.76	9.79
March										4.44	8.63
April										1.61	5.8
May									2.31	1.64	7.90
June									1.95	1.5.5	9.30
July									5.14	1.88	10.7
August										2.84	12.3
September									8:20	1.71	14.0
October									2.58	1.62	13.0
November	- 6							3.54	Salar III		9.10
December	2.55	4.67	3.85	2.27	4.92	5.00	2.44	1-40	6:44	5.56	15.8
				-1	2.00	***	101-		/	29.33	101 -

Date.	Lat, N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## - RAINFALL at Denton Reservoir ( old gauge)

County of S. Lancashine Observer Mess? S. H. Hell & Jones C. E. River Basin Upper Messey 4. manchede Coph on

River Basin Upper Mersey 4

Rain Gauge, by\_\_\_

Diameter	12											
Height	2.0									2.0		
Altitude	324										806	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MBANS:	2
January	3.73	4.70	2.46	2.81	2.78	2-17	2.90	3.42	7.83	1.70	3.84	A
February	2.86	-29	3.82	3.96	.79	5:58	2.96	1.21	385	.81	-27	00
March	2.62	2.31	2.03	1.60	1.01	1.37	1.18	3.40	1.18	.81	2.45	9
April	3.74	1-14	2.47	2.75	1:47	1.68	1.34	2.23	841	1-15	1.50	3
May	4.68	1.96	1-13	3.05	5.35	3.77	3.12	1. 10	.77	2.21	1.75	0
June	2.30	.36	2.22	-66	3.09	03	2.67	4.61	6.22	1.13	3.48	4
July	6.73	.96	4.18	4.62	3.39	171	2.61	3.00	1.66	3.76	6.50	17
August	1.83	4.28	3.51	3.55	4.74	3.57	4.44	3.82	5.99	3.76	4.77	1
September	2.44	.93	3.02	3.87	2.97	3.80	3.10	5.47	1.00	1.44	2.40	3
October	1.20	2.00	20		4.56	3.95	3.60	2.24	2.94	4.46	447	133
November	1.02			4.55				3. 31	39		4.04	2
December	2.21	4.03	3.05	3.77	3.27	STATE OF THE PARTY OF		.65	95		2.44	3
TOTALS	35:36	24.81	30.44	39.10	34.60	32.65	33.73	34.46	38.1%	33-92	36.91	

1929 Revised data sent 11/30 File 660604/26

New gauge at 1 ft vistalles New 1928

Les previous sheel

1930 Inshected 1930

Position of	Position of Station on reduced Ordnance Survey No. of Map Reference No. Reference No.													
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge								

## RAINFALL at Denton Reservoir (New gange)

County of S. Lanes	Observer Manchestes www.	
River Basin - 4	Observer Manchestes Www.	Lewis

Diameter									5		
Height									1.0		
Altitude									324		306
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN
January										1.61	3.89
February										85	-27
March										.74	2.46
April										1-16	1.63
May									1	2.19	1.72
June										1.16	8.57
July										377	6.45
August										3 40	4.62
September										144	2.19
October									19	435	4.72
November									4:38	658	mul
December									1.85	542	2.69

New gange at 1 ft. . Cer File 660604/26 1939 Mohester May. 1930 Checkert. May. 1980 Checkert. 9. more a from \$24' above 0.0. or 1/x/30

Position of Station on reduced Ordnance Survey \ No. of Map Reference No												
Date.	Lat. N. Long.		Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge						

	RAINFA	LL	at D	enton	Rese	evois,	old	g				
	County of River Basin					Obser			er Cor			
	Type of Gaug	ie										
A	nnual Average 30:5	in basee	lon35	jears o <b>b</b> s.	un-weigh	ted. Pe	riod of ar	erage	/86!-	1915		Bofn.
	Diameter	5.										
	Height	2.0.										
The state of the s	Altitude	306.										
	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
	January	5.11	3.30	1.80								
	February	3.60	.10	3.17								
)	March	.19	1.85	2.75								
	April	3.88	2.76	1.03								
	May	2.12	3.25	1.39								
	June	5.30	.55	232								
	July	3.40	3.57	2.27								
	August	6.50	. 93	1-12								
	September	3.17	3.30	60								
	October	1.60	6.89	4:10								
	November											
-	December	1.11	1.15	.34	# 2	dania al	td su		test			
	_			01/2	7				3			92 . 1

Position of	Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map												
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge							

#### Air Ministry, Meteorological Office.

2933/1

County of	5, 2,	ancs.			Obser	ver Y	nancher	a 600	en.ww		
River Basin	4-me	very up	per.								
Type of Gaug	e	A									
ual Average	in based	l on3	iears obs.	un-weigh	ted. Pe	riod of an	erage				
										660	604
Diameter	5~										
Height	10										
Altitude	306'										
Year	1931	1932	1933	1934	1935	1936	1937	1988	1939	1940	Me
January	5.57	3.70	2.18	2.3/	1.95	3.31	3.25	4.55	5.00	1.58	
February	4.86	'14	3.42	.32	3.41	1.91	5.94	1-24	3.81	2.07	
March	.24	2.01	3.13	2.84	1.92	1.53	1.93	1.26	2 2 2	3.08	
April	3.60	3.15	1.17	1.53	2.94	.77	3.05	142	2 2 9	2-17	
May	2.44	3.93	1.70	230	.77	'30	2.15	3-49	1.80	1.35	
June	5.79	.59	2.62	2.15	3.78	2.80	1-63	4-25	3-41	1.06	
July	8.79	4.14	2.59	2.73	1.42	4.85	3.15	4.86	7.35	5.314	
August	6.83	1.17	1.34	2.67	1.54	2.52	1-75	2.68	1.50	1.78	
September	386	3.65	.81	3:33	5.80	4.88	1.86	2.62	1.40	3-17	
October	1.76	7.35	4.65	5.04	6.04	3.68	1.58	686	1.64	3.50	
November	5.66	2.65	1-17	1.28	4.38	3-83	1-13	471	6.04	6.54	
December	1.37	1.30	:51	# 23	3.26	3.44	2.68	4.00	3-21	3.96	
TOTALS	45.27	33.78	25.29	30.70	37.21	33.82	30.80	40.23	39.64	35-60	

Station No. 70 2933/1

RAINFALL a	t Denton	Reservoir			
County of South	Lamanh	. A Oheerner	manches	low bound	w.w

River Basin Mensey Upper 4
Type of Gauge M.D.

Type of Gauge

Annual Average 321 in based on 20 years obs. yel-vesighted. Period of average 1881 1915 Ref. 195

File No. 660 164 126

								File No	)	0.6.0.6.0	4100
Diameter	. 5"			559	968						
Height	. 10"				1						
Altitude	306				4/						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	- 83	3.22	5.28	5:34	3.45	4.42	2.44	8.26	2.26	2.15	
February			J			6.95		2.30	101	4.27	
March	- 3.17	2.28	.99	.66	1.19	-89	5.66	1.20	1.84	2.17	
April	1.52	1.72	1.94	3.02	228	1.82	3.04	1. 43	3.23	3.40	
Мау	1.65	4.43	2.58	395	442	1.13	2.38	1.32	3.83	1171	
June	1.29	.95	3.76	2.96	419	3.84	2.64	5.30	1-27	2.93	
July	2.32	4.59	2.16	3.54	2.20	5.15	4.15	3-32	1.75	4.16	
August	- 5:15	3.85	5.27	4.13	3.38	4.49	.60	436	265	471	
September	64	2.46	4-47	4.55	2 99	5.63	2.59	2.55	.72	5.65	
October	- 5.16	6.12	3.21	3.61	611	-62	.62	2.61	2.93	2.67	
November	- 2.49	1.02	3.31	6.56	.72	5.35	4.36	2.32	524	5.66	
December	1.75	3.46	2.08	2.91	2.60	3.65	3.36	3.16	5.80 .	3.56	
TOTALS	29.54	35.78	37.70	43-43	27.10	42.94	32.51	90.12	38.48	13.04	

1948. Thunderstorm on Sat July 318 1-22" of rain fall in 21 (4,45 52 -)

Position of	Station on red 1 mile to	uced Ordna 1 inch Seri	es Survey Map, N	o. of Map	Reference Ne	)
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		
		1. 95				

Togethed \$ 4.55 in Packs, trongs and butte money moone flat butt tit not spectry trongs to that E. Beaumeded buttle, at i feel mechan, we have ling. 1956 п.р. юш.

1957 np low whow.

1959: - Rmt.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.	
			11 5 5 5			-	

Summary of Earlier Records from 10-year Sheets:

	1910–19	1920-30	1931-40	1941-50	1951-60
Record D, or d	/	~	V	/	
D, or a	-	-	_	2 - 4	