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1266

RAINFALL at North Weald Common

County of Essex

Observer H.W. Hartley

River Basin Harnes, Rodings & 2

Rain Gauge, by.

Diameter ...	5										
Height	2.4	1.11									
Altitude ...	250?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.56	1.53	2.80	2.96	.85	3.26	1.55	1.38	2.77	3.14	
February ...	2.61	1.23	1.57	.65	2.16	3.49	3.77	.56	.90	2.55	
March86	1.62	2.84	1.72	4.28	.97	3.82	1.49	1.02	2.38	
April	1.33	1.10	.05	2.32	.73	.82	1.32	2.12	3.45	3.48	
May	2.27	1.13	.89	1.55	1.91	2.27	2.08	2.04	1.90	.30	
June	2.51	2.38	2.89	.41	2.89	.56	2.27	.67	1.22	1.40	
July	1.98	.87	1.83	1.79	1.69	4.65	1.78	3.68	5.04	2.33	
August	2.02	.32	4.87	1.50	1.34	2.57	4.75	4.97	1.97	2.43	
September70	1.22	2.36	1.00	1.06	1.83	1.26	.98	4.40	1.01	
October ...	1.31	2.53	2.16	3.50	1.08	1.57	3.36	3.95	1.47	.56	
November ...	3.28	3.27	1.78	2.95	2.51	2.46	4.14	1.38	2.68	1.65	
December ...	3.64	4.61	2.41	.66	6.21	4.88	2.84	.84	2.04	3.28	
TOTALS ...	24.07	21.81	26.45	21.01	26.75	29.33	32.96	24.06	28.81	24.51	

1910 Wedge 3 ft high 10 ft N.E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			N. Weald	1912 3 miles	S S	N. Weald	1 m 1/4 mile	S SE

RAINFALL at North Weald Caves

County of Essex

Observer W. W. Hartley

River Basin Shanes Roding &c

(1928) M.O. Rain Gauge, by

Diameter ...	5"										
Height	11				20				10		
Altitude ...	250										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.O. 1920
January ...	2.20	2.07	3.37	1.39	2.63	2.06	2.97	1.80	3.27	1.30	2.29
February ...	3.6	4.5	2.00	2.93	6.9	3.22	2.86	3.63	1.44	6.7	4.9
March 1.46	1.12	1.82	2.03	1.37	9.7	2.3	2.21	1.86	0.00	1.49	14.51
April	3.33	1.59	2.69	1.50	3.53	1.62	3.50	1.83	1.48	1.70	1.85
May	7.9	1.00	9.8	1.99	4.48	2.18	1.16	1.06	2.56	1.39	2.96
June	1.32	3.1	1.52	7.6	2.12	2.9	3.28	3.24	2.68	1.02	1.70
July	4.64	2.2	3.97	1.76	4.03	3.01	3.18	2.50	1.76	1.84	2.14
August	1.64	1.03	2.85	1.63	2.47	2.63	1.16	4.65	2.30	1.45	2.62
September...	2.60	2.70	2.93	2.00	3.33	2.84	1.94	4.51	6.7	7.4	3.18
October.....	8.7	1.13	8.7	4.92	3.93	2.87	2.57	2.04	3.58	3.26	1.03
November...	6.1	2.02	1.53	1.86	2.86	1.65	4.45	2.32	2.59	5.58	3.79
December...	2.19	1.15	2.59	2.26	3.14	2.07	3.6	2.78	3.14	4.06	2.35
TOTALS...	28.01	14.79	27.12	25.05	34.58	25.41	27.66	32.57	27.27	23.11	25.89
	?	?	?	?	?	?	?	?	?	?	?

1920. Box Border. 6' 4" to 6' 6" NW

1927. Moved November 20 yds NE
Fruit shrubs 4' high 30' NE.

1928. Vegetables 2 ft. high 10 yds. N.E.

1929. Strawberry plants 6" high 10 yds. S.E.

1931. Inspected 3/6/31. In Green file. Report Excellent

1930. Strawberry plants abt. 4" high 1yd SE.

Position of Station on reduced Ordnance Survey } 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	-	-	North Weald	2 mi	S.	North Weald	1 mi	S.E.

RAINFALL at North Weald (Canes)

County of Essex

Observer H. W. Hart, Esq.

River Basin Thames - Roding etc. 2

G. Hart, Esq.

Type of Gauge Standard

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

" " 24.2 in. computed by Mr. Cotterill (1938) Ry. 561249/6879021/28

Diameter	5.										
Height	1.0.										
Altitude	250.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.95	1.65	1.74	1.65	1.44	3.49	4.18	2.55	6.03	179	2652
February	1.77	.17	1.14	.17	2.38	1.62	3.79	.63	1.11	176	1454
March	.11	1.49	2.29	2.33	.42	.90	2.62	.45	1.76	2.96	1529
April	3.51	2.38	0.97	1.90	3.21	1.23	3.13	.18	2.98	1.68	2117
May	2.68	3.39	1.96	1.43	1.44	.28	2.81	2.64	1.42	.91	1796
June	1.46	.61	1.91	1.07	3.53	4.05	1.77	.48	1.53	.39	1680
July	3.27	2.26	1.01	1.42	.55	4.07	2.02	1.26	2.85	3.59	2230
August	4.82	1.10	0.60	2.79	1.34	.56	.58	.71	3.22	.12	1683
September	1.74	1.08	3.11	1.16	3.35	3.34	1.60	2.90	1.47	.85	2140
October	.69	4.52	1.69	1.26	2.78	1.77	1.89	2.71	5.73	2.95	2599
November	2.35	1.14	0.90	1.86	3.92	3.05	1.63	3.41	4.02	6.70	2808
December	.66	1.46	0.50	4.63	2.76	1.94	8.80	3.23	1.35	1.53	2086
TOTALS	25.01	21.05	17.82	20.67	27.12	26.35	29.72	22.15	33.52	25.23	24864 KN
	D	D	D	D	D	D	D	D	D	D	

1931. Strawberry plants abt. 2" high 2' SE.

1934. Vegetables 2' high 2yds SE.

Hab. 3.

1936. H. W. Hart, Esq. Moved to Bushy Park, Stortford, 1 mile containing Canes record.

House 20' high 20yds S.W.

Trees 30' " 16 " N.W.

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
1931			North Weald	2 miles	S	North Weald	1 mile	SE
1938			"	1/2 m	S	"	"	S.S.E.

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

Station No. M. 1266

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RAINFALL at North Weald (Panels)

County of Essex Observer G. Hart ^{check V.H.S.D.}

River Basin Thames Roding &c &c Mrs. HART

Type of Gauge Snowdon

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

24.2 in computed by Mr Cornish (1938) ref. 561-125/36 File No. 879021/26

Diameter	5"										
Height	1' 0"										
Altitude	250'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.74	2.18	4.65	1.46	2.05	1.95	1.99	3.75	1.16	1.28	23.31
February	2.37	.92	1.27	.96	1.68	2.62	1.57	1.45	1.17	3.32	17.33
March	2.95	2.05	.49	.21	1.02	1.41	5.66	.81	.81	1.70	16.11
April	1.62	1.29	1.33	1.56	1.24	1.75	1.86	1.72	1.18	1.55	15.19
May	1.62	2.35	2.22	.77	1.82	2.61	.79	2.37	1.76	1.41	17.72
June	.55	.12	1.82	1.92	1.73	2.99	2.41	2.12	.67	3.37	17.70
July	3.08	1.90	1.96	1.63	3.03	3.22	2.02	.98	2.26	3.50	23.58
August	4.80	1.89	1.78	2.80	1.80	3.74	.07	3.69	1.82	1.67	24.06
September	.42	1.78	1.81	3.19	1.65	2.73	1.51	1.78	.47	3.08	18.42
October	1.42	4.69	2.09	3.62	2.58	1.45	.19	2.22	5.42	.52	24.20
November	2.48	2.62	1.60	3.59	.24	3.91	.94	2.06	2.39	4.62	24.65
December	1.70	2.74	1.64	1.57	3.36	2.19	2.53	2.38	1.40	2.00	21.51
TOTALS	25.75	24.53	22.66	23.28	22.20	30.57	21.54	25.33	20.51	27.12	243.49

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

BRITISH RAINFALL ORGANIZATION

Station No. 1266 ✓ T.

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RAINFALL at North Weald (Banbury)

County of Essex

Observer Mrs Hart

River Basin Thames - Roding & E. 2

Type of Gauge Standard

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

Ref...

" 24.2 ins. computed by Mr. Gornick (1928) Ref. 561245/36 File No.

879024/28

Diameter	25.37"	based on 35 yrs. 1916-1950	Period of Av.	1916-1950	R	P					
Height	5'	238	b22								
Altitude	250'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.38	2.05	.86	1.06	1.84	3.06	1.21	2.15			
February	5.91	.77	1.98	2.39	1.37	.39	3.12	2.74			
March	3.19	2.74	.48	2.58	1.25	.87	1.16	.99			
April	2.62	1.35	2.77	.10	.32	.96	.32	1.25			
May	2.37	1.74	1.52	1.52	4.28	.74	.77	2.62			
June	.54	1.18	1.71	2.42	2.08	2.30	1.04	4.85			
July	.76	.60	2.91	2.53	.22	4.13	3.05	3.65	#		
August	3.90	2.29	1.47	3.25	.76	3.84	1.78				
September	3.39	2.69	1.87	1.75	1.87	2.22	2.75				
October	.81	2.33	3.58	2.08	3.26	1.83	1.90				
November	4.14	3.47	1.11	3.77	.83	.72	2.19				
December	2.08	2.64	.57	1.79	1.63	3.00	2.00				
TOTALS	32.69	23.85	20.83	25.24	19.71	24.02	21.35	var.			
	D	D	D	D	D	D	D	P			

1958 - Remained - moved to Harlow (Huntingwood) 8/n 1266/1

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference Th (52) 484063

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ last d'10	✓	✓	D ✓	