

**[Report 1947] / Medical Officer of Health, Prudhoe U.D.C.**

**Contributors**

Prudhoe (England). Urban District Council.

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1947

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PRUDHOE URBAN DISTRICT COUNCIL.Medical Officer's Annual Report for 1947.

Mr. Chairman and Gentlemen,

The Annual Report is prepared on the lines of that of 1946 and as directed by the Ministry of Health per Circular 170/47.

AREA: In Acres.....3,889      INHABITED HOUSES: .      2394

POPULATION: At end of Year..9,246      RATEABLE VALUE:      £40,287

OFFICERS: Dr. G. McCoull, M.D.      Medical Officer of Health.  
Mr. W.G. Tweddle, A.M.I.S.E., M.R.S.I.,  
Cert. R.S.I. Meat & Other Foods } Sanitary Inspector.

Notifiable Diseases: No epidemics of Infectious Diseases occurred during the year.

Housing: 142 new houses were erected during the year.

Food: No slaughtering is carried out in the district but inspection of food generally has been carried out.

Milk: Regular visits have been made to all farms and dairies in the district.

Factories: These have been regularly inspected.

Public Cleansing: Scavenging of the district is carried out by the Health Department and is considered to be carried out efficiently.

Drainage & Sewerage: The Low Prudhoe Sewage Disposal Works extensions were still in progress at the end of the year. When these are complete, two old Disposal Works, (1) Halfway House and (2) West Wylan, will be discontinued and all sewage treated at Low Prudhoe before discharge into the River Tyne.

Water: The water supply to the district is from the mains of the Newcastle & Gateshead Water Co. There are still a number of standpipes throughout the district.

<u>Vital Statistics:</u>	<u>Prudhoe</u>	<u>England &amp; Wales</u>			
Births:	17.95	20.5	per	1,000	population
Still Births:	0.86	0.50	"	"	"
Deaths:	10.1	12.0	"	"	"
Infantile Mortality	60.24	41.0	"	"	"

I am indebted to your Clerk, Mr. Philipson, your Sanitary Inspector, Mr. W.G. Tweddle, and to all members of the Council and Staff for the help given me during the year.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

*W. G. Tweddle*

Medical Officer of Health.

Council Offices,  
Prudhoe-on-Tyne.  
11th August, 1948.

PHYSICS DEPARTMENT

PHYSICS 551

LECTURE 10

STATISTICAL MECHANICS

ENTROPY

1. Introduction to Entropy

2. Boltzmann's Entropy Formula

3. The Second Law of Thermodynamics

4. Entropy and Information Theory

5. Entropy and the Arrow of Time

6. Entropy and the H-Theorem

7. Entropy and the Gibbs Paradox

8. Entropy and the Third Law

9. Entropy and the Quantum Theory of Heat

10. Entropy and the Quantum Theory of Entropy

11. Entropy and the Quantum Theory of Entropy

12. Entropy and the Quantum Theory of Entropy

13. Entropy and the Quantum Theory of Entropy

14. Entropy and the Quantum Theory of Entropy