

COLLEGE OF MEDICINE

RADIOBIOLOGY LABORATORY



UNIVERSITY OF UTAH

SALT LAKE CITY 1

June 28, 1951

404079

W. J. Kowalski, Director
 Research Contracts Division
 United States Atomic Energy Commission
 Chicago Operations Office
 P. O. Box 6140A
 Chicago 80, Illinois

Dear Dr. Kowalski:

In compliance with your letter addressed to Dr. John Z. Bowers, Dean of the Medical School, we are enclosing a copy of the "Air and Rainfall Monitoring" record taken at the University of Utah on the dates indicated.

The equipment consisted of an uncovered thin aluminum wall Victoreen Geiger tube connected to a scaler (64) and register. Each observation covered a period of at least 100 minutes so that all probable errors were less than one per cent.

<u>Day</u>	<u>Counts per minute</u>	<u>Day</u>	<u>Counts per minute</u>
Apr. 11	179±1	May 8	180±1
12	186±1	9	197±1
13	175±1	10	185±1
16	184±1	11	199±1
18	184±1	12	175±1
19	177±1	14	175±1
20	202±1	15	191±1
21	200±1	16	181±1
23	203±1	17	189±1
24	180±1	21	222±1
25	178±1	22	222±1
26	179±1	23	220±1
27	177±1	24	217±1
29	164±1	25	236±1
30	174±1	28	176±1
May 1	185±1	29	177±1
2	179±1	31	174±1
3	177±1	June 1	205±1
4	170±1	6	210±1
5	183±1	8	217±1
7	186±1	13	210±1

7|8|9|10|11|12|1|2|3|4|5|6
 AM PM
 REC'D JUL 2 - 1951 USAEC
 T.S.D. C.O.O.

ACTION TO REMARKS
Just for Wash. Talkin

DOE ARCHIVES

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Gallon samples of rainfall were collected on April 24 and on May 28. The filter paper on the first occasion showed no activity above background. On the second date an activity of 15 c/m above background was observed on the filter paper so placed that it offered a geometry of about 25%.

Sincerely yours,

Thomas J. Parmley.

Thomas J. Parmley
Professor of Physics

TJP:es

cc: JZBowers