

Beta-Radiactivity of Airborne Dust Near the Earth's Surface

Month: JANUARY (Yr) 1976

Location of Sampling Point: HONG KONG

Remarks: None

Date	Hour	Min.	Time of Sampling		Amount of Radioactivity (units of air)	Remarks
			Start	End		
31	10	20	10	12	Nil	
31	10	30	10	12	Nil	
31	10	40	10	12	Nil	
31	10	50	10	12	Nil	
31	11	00	11	12	Nil	
31	11	10	11	12	Nil	
31	11	20	11	12	Nil	
31	11	30	11	12	Nil	
31	11	40	11	12	Nil	
31	11	50	11	12	Nil	
31	12	00	12	12	Nil	
31	12	10	12	12	Nil	
31	12	20	12	12	Nil	
31	12	30	12	12	Nil	
31	12	40	12	12	Nil	
31	12	50	12	12	Nil	
31	01	00	01	12	Nil	
31	01	10	01	12	Nil	
31	01	20	01	12	Nil	
31	01	30	01	12	Nil	
31	01	40	01	12	Nil	
31	01	50	01	12	Nil	
31	02	00	02	12	Nil	
31	02	10	02	12	Nil	
31	02	20	02	12	Nil	
31	02	30	02	12	Nil	
31	02	40	02	12	Nil	
31	02	50	02	12	Nil	
31	03	00	03	12	Nil	
31	03	10	03	12	Nil	
31	03	20	03	12	Nil	
31	03	30	03	12	Nil	
31	03	40	03	12	Nil	
31	03	50	03	12	Nil	
31	04	00	04	12	Nil	
31	04	10	04	12	Nil	
31	04	20	04	12	Nil	
31	04	30	04	12	Nil	
31	04	40	04	12	Nil	
31	04	50	04	12	Nil	
31	05	00	05	12	Nil	
31	05	10	05	12	Nil	
31	05	20	05	12	Nil	
31	05	30	05	12	Nil	
31	05	40	05	12	Nil	
31	05	50	05	12	Nil	
31	06	00	06	12	Nil	
31	06	10	06	12	Nil	
31	06	20	06	12	Nil	
31	06	30	06	12	Nil	
31	06	40	06	12	Nil	
31	06	50	06	12	Nil	
31	07	00	07	12	Nil	
31	07	10	07	12	Nil	
31	07	20	07	12	Nil	
31	07	30	07	12	Nil	
31	07	40	07	12	Nil	
31	07	50	07	12	Nil	
31	08	00	08	12	Nil	
31	08	10	08	12	Nil	
31	08	20	08	12	Nil	
31	08	30	08	12	Nil	
31	08	40	08	12	Nil	
31	08	50	08	12	Nil	
31	09	00	09	12	Nil	
31	09	10	09	12	Nil	
31	09	20	09	12	Nil	
31	09	30	09	12	Nil	
31	09	40	09	12	Nil	
31	09	50	09	12	Nil	
31	10	00	10	12	Nil	
31	10	10	10	12	Nil	
31	10	20	10	12	Nil	
31	10	30	10	12	Nil	
31	10	40	10	12	Nil	
31	10	50	10	12	Nil	
31	11	00	11	12	Nil	
31	11	10	11	12	Nil	
31	11	20	11	12	Nil	
31	11	30	11	12	Nil	
31	11	40	11	12	Nil	
31	11	50	11	12	Nil	
31	12	00	12	12	Nil	
31	12	10	12	12	Nil	
31	12	20	12	12	Nil	
31	12	30	12	12	Nil	
31	12	40	12	12	Nil	
31	12	50	12	12	Nil	
31	01	00	01	12	Nil	
31	01	10	01	12	Nil	
31	01	20	01	12	Nil	
31	01	30	01	12	Nil	
31	01	40	01	12	Nil	
31	01	50	01	12	Nil	
31	02	00	02	12	Nil	
31	02	10	02	12	Nil	
31	02	20	02	12	Nil	
31	02	30	02	12	Nil	
31	02	40	02	12	Nil	
31	02	50	02	12	Nil	
31	03	00	03	12	Nil	
31	03	10	03	12	Nil	
31	03	20	03	12	Nil	
31	03	30	03	12	Nil	
31	03	40	03	12	Nil	
31	03	50	03	12	Nil	
31	04	00	04	12	Nil	
31	04	10	04	12	Nil	
31	04	20	04	12	Nil	
31	04	30	04	12	Nil	
31	04	40	04	12	Nil	
31	04	50	04	12	Nil	
31	05	00	05	12	Nil	
31	05	10	05	12	Nil	
31	05	20	05	12	Nil	
31	05	30	05	12	Nil	
31	05	40	05	12	Nil	
31	05	50	05	12	Nil	
31	06	00	06	12	Nil	
31	06	10	06	12	Nil	
31	06	20	06	12	Nil	
31	06	30	06	12	Nil	
31	06	40	06	12	Nil	
31	06	50	06	12	Nil	
31	07	00	07	12	Nil	
31	07	10	07	12	Nil	
31	07	20	07	12	Nil	
31	07	30	07	12	Nil	
31	07	40	07	12	Nil	
31	07	50	07	12	Nil	
31	08	00	08	12	Nil	
31	08	10	08	12	Nil	
31	08	20	08	12	Nil	
31	08	30	08	12	Nil	
31	08	40	08	12	Nil	
31	08	50	08	12	Nil	
31	09	00	09	12	Nil	
31	09	10	09	12	Nil	
31	09	20	09	12	Nil	
31	09	30	09	12	Nil	
31	09	40	09	12	Nil	
31	09	50	09	12	Nil	
31	10	00	10	12	Nil	
31	10	10	10	12	Nil	
31	10	20	10	12	Nil	
31	10	30	10	12	Nil	
31	10	40	10	12	Nil	
31	10	50	10	12	Nil	
31	11	00	11	12	Nil	
31	11	10	11	12	Nil	
31	11	20	11	12	Nil	
31	11	30	11	12	Nil	
31	11	40	11	12	Nil	
31	11	50	11	12	Nil	
31	12	00	12	12	Nil	
31	12	10	12	12	Nil	
31	12	20	12	12	Nil	
31	12	30	12	12	Nil	
31	12	40	12	12	Nil	
31	12	50	12	12	Nil	

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JAN 76

Monthly Mean: 0.1
 Maximum: 11.7

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JAN 76

Citation No.	<u>R24</u>
Accession No.	_____
Shelf No.	_____

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: JANUARYYear: 1976

Location of Sampling Point:-

Lat. 22° 19' N.Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	20	01	09	15	NIL	
01	09	20	02	09	25	NIL	
02	09	30	03	09	25	0.04	
03	09	30	04	09	15	NIL	
04	09	18	05	09	10	NIL	
05	09	15	06	09	20	NIL	
06	09	25	07	10	00	NIL	
07	10	06	08	09	15	0.15	
08	09	20	09	10	40	NIL	
09	10	45	10	09	00	0.28	
10	09	05	11	09	40	NIL	
11	09	45	12	10	45	NIL	
12	10	50	13	10	10	0.08	
13	10	15	14	09	20	0.62	
14	09	25	15	09	55	NIL	
15	10	00	16	09	55	NIL	
16	10	00	17	09	45	0.19	
17	09	50	18	09	45	NIL	
18	09	50	19	09	05	0.36	
19	09	10	20	10	00	NIL	
20	10	05	21	10	25	0.12	
21	10	30	22	09	30	NIL	
22	09	35	23	09	30	0.11	
23	09	35	24	09	20	0.24	
24	09	25	25	10	10	NIL	
25	10	15	26	09	30	NIL	
26	09	35	27	09	40	0.10	
27	09	50	28	11	00	NIL	
28	11	05	29	09	45	11.59	
29	09	50	30	09	20	3.79	
30	09	25	31	10	00	1.35	
Monthly Mean:-						0.61	
Maximum :-						11.59	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : JAN Year : 1976

Location of Sampling Point :- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
31	02	NIL	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
02	04	NIL	
04	06	NIL	
06	08	0.02	
08	10	0.09	
10	12	0.09	
12	14	0.05	
14	16	NIL	
16	18	NIL	
18	20	NIL	
20	22	NIL	
22	24	0.17	
24	26	NIL	
26	28	NIL	
28	30	NIL	
Monthly Mean :-		0.026	
Maximum :-		0.17	

Beta-Radiactivity of Airborne Dust Near the Earth's Surface

North: Latitude Year: 1976
Location of Sampling Point: Lat. 22° 15' N
Long. 114° 10' E

Remarks	Amount of Radioactivity	Time of Day			Date
		Start	End	Time	
					31
					30
					29
					28
					27
					26
					25
					24
					23
					22
					21
					20
					19
					18
					17
					16
					15
					14
					13
					12
					11
					10
					09
					08
					07
					06
					05
					04
					03
					02
					01
					31

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

FEB 76

Monthly Mean: <u>0.270</u>
Maximum: <u>4.07</u>

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: FEBRUARY

Year: 1976

Location of Sampling Point:-

Lat. 22° 19' N.

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	05	01	09	00	0.75	
01	09	05	02	09	15	4.07	
02	09	20	03	09	00	2.05	
03	09	05	04	09	50	1.87	
04	09	55	05	10	00	1.27	
05	10	05	06	09	55	NIL	
06	10	00	07	10	00	0.36	
07	10	05	08	09	50	NIL	
08	09	55	09	10	25	1.00	
09	10	30	10	09	15	0.96	
10	09	20	11	09	55	0.59	
11	10	00	12	09	00	0.53	
12	09	05	13	09	55	NIL	
13	10	00	14	10	00	0.47	
14	10	10	15	09	35	NIL	
15	09	40	16	09	45	NIL	
16	09	50	17	09	15	NIL	
17	09	20	18	10	00	0.15	
18	10	05	19	10	00	NIL	
19	10	05	20	10	50	0.12	
20	10	55	21	10	05	NIL	
21	10	10	22	09	00	0.03	
22	09	10	23	10	00	NIL	
23	10	05	24	10	55	0.62	
24	11	00	25	09	35	NIL	
25	09	40	26	09	55	0.43	
26	10	00	27	09	30	0.21	
27	09	35	28	10	15	NIL	
28	10	20	29	10	00	0.35	
29			30				
30			31				
Monthly Mean:-						0.529	
Maximum :-						4.07	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : FEB Year : 1976

Location of Sampling Point :- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
30	01	NIL	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
01	03	NIL	
03	05	0.16	
05	07	NIL	
07	09	NIL	
09	11	NIL	
11	13	NIL	
13	15	NIL	
15	17	0.09	
17	19	0.17	
19	21	NIL	
21	23	NIL	
23	25	NIL	
25	27	NIL	
27	29	0.16	
Monthly Mean :-		0.039	
Maximum :-		0.17	

Beta-Radiosensitivity of Airborne Dust Near the Earth's Surface
 Month: MAR 76
 Location of Sampling Point: ...
 Date: ...

Date	Hour	Min	Time of Sampling		Remarks
			Start	End	
01	10	05	01	02	Nil
02	08	05	01	02	0.15
03	08	05	01	02	0.15
04	08	05	01	02	0.15
05	08	05	01	02	0.15
06	08	05	01	02	0.15
07	08	05	01	02	0.15
08	08	05	01	02	0.15
09	08	05	01	02	0.15
10	08	05	01	02	0.15
11	08	05	01	02	0.15
12	08	05	01	02	0.15
13	08	05	01	02	0.15
14	08	05	01	02	0.15
15	08	05	01	02	0.15
16	08	05	01	02	0.15
17	08	05	01	02	0.15
18	08	05	01	02	0.15
19	08	05	01	02	0.15
20	08	05	01	02	0.15
21	08	05	01	02	0.15
22	08	05	01	02	0.15
23	08	05	01	02	0.15
24	08	05	01	02	0.15
25	08	05	01	02	0.15
26	08	05	01	02	0.15
27	08	05	01	02	0.15
28	08	05	01	02	0.15
29	08	05	01	02	0.15
30	08	05	01	02	0.15

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

MAR 76

Monthly Mean: -	0.14
Maximum: -	0.25

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: MARCH

Year: 1976

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
29	10	05	01	09	05	NIL	
01	09	10	02	09	30	0.15	
02	09	35	03	10	30	NIL	
03	10	45	04	09	50	0.32	
04	09	55	05	10	25	0.01	
05	10	30	06	09	55	0.03	
06	09	00	07	09	30	NIL	
07	09	35	08	09	20	NIL	
08	09	25	09	10	10	NIL	
09	10	15	10	09	00	0.02	
10	09	05	11	09	55	0.42	
11	10	00	12	09	00	NIL	
12	09	10	13	10	05	0.11	
13	10	10	14	09	25	0.01	
14	09	30	15	09	20	0.05	
15	09	25	16	10	00	0.06	
16	10	05	17	09	45	0.15	
17	09	50	18	09	35	0.09	
18	09	40	19	09	30	NIL	
19	09	35	20	09	55	NIL	
20	10	00	21	09	50	NIL	
21	10	00	22	10	00	0.15	
22	10	05	23	09	20	0.14	
23	09	25	24	08	50	NIL	
24	08	55	25	09	15	NIL	
25	09	20	26	09	50	0.05	
26	09	55	27	09	50	NIL	
27	09	55	28	09	40	NIL	
28	09	45	29	09	30	0.23	
29	09	35	30	09	40	0.16	
30	09	45	31	10	45	0.13	
Monthly Mean:-						0.074	
Maximum :-						0.42	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : MAR Year : 1976 Location of Sampling Point :- Lat. 22° 19' N.Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
29	02	NIL	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
02	04	NIL	
04	06	NIL	
06	08	NIL	
08	10	NIL	
10	12	NIL	
12	14	0.05	
14	16	0.04	
16	18	0.03	
18	20	0.09	
20	22	NIL	
22	24	NIL	
24	26	0.12	
26	28	NIL	
28	30	0.05	
Monthly Mean :-		0.025	
Maximum :-		0.12	

Month: April Year: 1976

Location (Give name and Postcode later in this column) Lat. 22° 19' N Long. 114° 10' E

Date	Hour	Min.	Rate of Hourly Min.	Sub total	Amount	Time of Sampling	
						Start	End
31	10	50	0.1	0.1	Nil		
01	08	50	0.2	0.2	Nil		
02	08	50	0.2	0.4	Nil		
03	08	50	0.2	0.6	Nil		
04	08	50	0.2	0.8	Nil		
05	08	50	0.2	1.0	Nil		
06	08	50	0.2	1.2	Nil		
07	08	50	0.2	1.4	Nil		
08	08	50	0.2	1.6	Nil		
09	08	50	0.2	1.8	Nil		
10	08	50	0.2	2.0	Nil		
11	08	50	0.2	2.2	Nil		
12	08	50	0.2	2.4	Nil		
13	08	50	0.2	2.6	Nil		
14	08	50	0.2	2.8	Nil		
15	08	50	0.2	3.0	Nil		
16	08	50	0.2	3.2	Nil		
17	08	50	0.2	3.4	Nil		
18	08	50	0.2	3.6	Nil		
19	08	50	0.2	3.8	Nil		
20	08	50	0.2	4.0	Nil		
21	08	50	0.2	4.2	Nil		
22	08	50	0.2	4.4	Nil		
23	08	50	0.2	4.6	Nil		
24	08	50	0.2	4.8	Nil		
25	08	50	0.2	5.0	Nil		
26	08	50	0.2	5.2	Nil		
27	08	50	0.2	5.4	Nil		
28	08	50	0.2	5.6	Nil		
29	08	50	0.2	5.8	Nil		
30	08	50	0.2	6.0	Nil		
31	08	50	0.2	6.2	Nil		

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

APR 76

Monthly Mean:-	1.3
Maximum:-	8.9

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: APRIL

Year: 1976

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity $\mu\text{Bq}/\text{m}^3$ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	50	01	09	45	NIL	
01	09	50	02	09	25	1.9	
02	09	30	03	09	40	4.8	
03	09	45	04	09	20	NIL	
04	09	25	05	10	15	NIL	
05	10	20	06	09	15	NIL	
06	09	20	07	09	45	NIL	
07	09	50	08	09	50	NIL	
08	09	00	09	10	05	3.0	
09	10	10	10	10	00	NIL	
10	10	05	11	09	25	NIL	
11	09	30	12	09	20	NIL	
12	09	25	13	09	45	NIL	
13	09	50	14	10	05	1.5	
14	10	10	15	09	00	3.7	
15	09	05	16	09	00	1.5	
16	09	05	17	09	05	NIL	
17	09	10	18	10	10	8.9	
18	10	15	19	09	50	NIL	
19	09	55	20	10	10	NIL	
20	10	15	21	09	20	1.9	
21	09	25	22	09	30	8.1	
22	09	20	23	09	15	NIL	
23	09	20	24	09	30	NIL	
24	09	35	25	09	50	NIL	
25	09	55	26	09	35	NIL	
26	09	40	27	09	35	NIL	
27	09	40	28	09	30	2.6	
28	09	35	29	09	00	NIL	
29	09	10	30	09	10	NIL	
30			31				
Monthly Mean:-						1.3	
Maximum :-						8.9	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: APRIL

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity µg/Km² Bq/Km^2 $Bq/10^6/Km^2$	Remarks
Start	End		
300900	010900	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
010900	030900	0.7	
030900	050900	NIL	
050900	070900	NIL	
070900	090900	1.1	
090900	110900	NIL	
110900	130900	NIL	
130900	150900	NIL	
150900	170900	0.4	
170900	190900	5.2	
190900	210900	NIL	
210900	230900	1.1	
230900	250900	NIL	
250900	270900	NIL	
270900	290900	NIL	
Monthly Mean:-		0.6	
Maximum:-		5.2	

Month: MAY Year: 1976

Lat. 22° 19' N.

Location of Sampling Point: at the YD (middle) station, Victoria Peak

Date	Hour	Start	Time of Sampling	Year		Remarks
				Month	Day	
30	09	17	01	1976	01	
01	09	09	02	1976	02	
02	09	09	03	1976	03	
03	09	09	04	1976	04	
04	09	09	05	1976	05	
05	09	09	06	1976	06	
06	09	09	07	1976	07	
07	09	09	08	1976	08	
08	09	09	09	1976	09	
09	09	09	10	1976	10	
10	09	09	11	1976	11	
11	10	12	12	1976	12	
12	09	12	13	1976	13	
13	09	12	14	1976	14	
14	08	10	15	1976	15	
15	09	10	16	1976	16	
16	10	10	17	1976	17	
17	10	10	18	1976	18	
18	10	10	19	1976	19	
19	09	10	20	1976	20	
20	10	10	21	1976	21	
21	10	10	22	1976	22	
22	09	12	23	1976	23	
23	09	12	24	1976	24	
24	09	10	25	1976	25	
25	09	10	26	1976	26	
26	10	10	27	1976	27	
27	10	10	28	1976	28	
28	11	10	29	1976	29	
29	10	10	30	1976	30	
30	09	10	31	1976	31	
Monthly Mean:		3.0				
Maximum:		14.8				

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

MAY 76

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: MAY Year: 1976Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity $\frac{\text{mBq}}{\text{PCd/m}^3}$ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
30	09	15	01	09	20	12.2	
01	09	25	02	09	35	NIL	
02	09	40	03	09	15	3.0	
03	09	20	04	09	25	1.9	
04	09	30	05	09	25	NIL	
05	09	30	06	09	30	NIL	
06	09	35	07	09	50	NIL	
07	09	55	08	10	10	0.4	
08	10	20	09	09	20	NIL	
09	09	25	10	09	25	5.2	
10	09	30	11	10	10	NIL	
11	10	15	12	09	50	2.2	
12	09	55	13	09	35	NIL	
13	09	35	14	08	45	NIL	
14	08	50	15	09	00	6.7	
15	09	05	16	10	00	NIL	
16	10	05	17	10	30	11.5	
17	10	35	18	10	10	2.2	
18	10	15	19	09	35	13.7	
19	09	40	20	10	05	NIL	
20	10	10	21	10	20	NIL	
21	10	25	22	09	30	6.7	
22	09	35	23	09	10	14.8	
23	09	15	24	09	00	NIL	
24	09	00	25	09	05	0.7	
25	09	30	26	10	20	1.9	
26	10	30	27	10	20	3.0	
27	10	25	28	11	05	5.5	
28	11	10	29	10	15	NIL	
29	10	20	30	09	15	NIL	
30	09	20	31	09	00	NIL	
Monthly Mean:-						3.0	
Maximum :-						14.8	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: MAY Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity $\text{mCi/km}^2 \text{ Bq} \times 10^6 / \text{km}^2$	Remarks
Start	End		
29 09 00	01 09 00	2.2	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
01 09 00	03 09 00	NIL	
03 09 00	05 09 00	5.9	
05 09 00	07 09 00	NIL	
07 09 00	09 09 00	3.3	
09 09 00	11 09 00	5.6	
11 09 00	13 09 00	3.0	
13 09 00	15 09 00	NIL	
15 09 00	17 09 00	6.7	
17 09 00	19 09 00	5.2	
19 09 00	21 09 00	NIL	
21 09 00	23 09 00	1.1	
23 09 00	25 09 00	NIL	
25 09 00	27 09 00	2.6	
27 09 00	29 09 00	NIL	
29 09 00	31 09 00	4.8	
Monthly Mean:-		2.5	
Maximum:-		6.7	

Month: JUNE Year: 1976

Location of Sampling Point: 114° 10' E Long. 22° 10' N Lat.
 Station: 1976

Date	Hour	Start	Time of Sampling		Radioactivity DPM or Bq/m ³	Amount of Sample in g or ml	Location of Sampling Point
			Min.	Sec.			
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JUN 76

Monthly Mean: 0.07
 Maximum: 0.28

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: JUNE

Year: 1976

Location of Sampling Point:-

Lat. 22° 19' N.

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity		Remarks
Start			End			of $\mu\text{Ci}/\text{m}^3$ of air		
Date	Hour	Min.	Date	Hour	Min.			
31	09	05	01	09	10	NIL	NIL	
01	09	15	02	09	00	NIL	NIL	
02	09	05	03	10	00	0.00	3.70	
03	10	05	04	10	30	NIL	NIL	
04	10	40	05	09	00	NIL	NIL	
05	09	55	06	09	50	0.07	2.59	
06	09	55	07	09	55	—	—	PUMP STOPPED.
07	10	00	08	09	40	0.09	3.33	
08	09	45	09	09	30	NIL	NIL	
09	09	40	10	09	50	0.06	2.22	
10	09	55	11	10	00	0.09	3.33	
11	10	05	12	10	00	NIL	NIL	
12	10	05	13	09	30	NIL	NIL	
13	09	35	14	10	20	0.14	5.18	
14	10	25	15	10	15	0.01	0.37	
15	10	20	16	09	40	NIL	NIL	
16	09	45	17	09	15	0.01	0.37	
17	09	20	18	09	25	NIL	NIL	
18	09	30	19	09	15	NIL	NIL	
19	09	20	20	09	30	0.27	9.99	
20	09	35	21	09	25	NIL	NIL	
21	09	30	22	10	10	NIL	NIL	
22	10	15	23	09	15	NIL	NIL	
23	09	20	24	10	00	NIL	NIL	
24	10	05	25	10	30	NIL	NIL	
25	10	35	26	09	15	NIL	NIL	
26	09	20	27	09	50	0.06	2.22	
27	09	55	28	09	45	0.03	1.11	
28	09	50	29	09	10	NIL	NIL	
29	09	15	30	09	15	NIL	NIL	
30	09	20	31	09	45			
Monthly Mean:-						0.03	1.11	
Maximum :-						0.27	9.99	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: JUNE

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity		Remarks
Start	End	mCi/km²	Bq x 10⁶/km²	
31	02	NIL	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02	04	0.19	7.03	
04	06	0.13	4.81	
06	08	NIL	NIL	
08	10	NIL	NIL	
10	12	NIL	NIL	
12	14	0.15	5.55	
14	16	NIL	NIL	
16	18	NIL	NIL	
18	20	NIL	NIL	
20	22	NIL	NIL	
22	24	0.27	9.99	
24	26	0.11	4.07	
26	28	NIL	NIL	
28	30	NIL	NIL	
Monthly Mean:-		0.06	2.22	
Maximum:-		0.27	9.99	

Month: July Year: 1976

Location: Royal Observatory, Hong Kong
 Lat. 22° 19' N Long. 114° 10' E

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JUL 76

Date	Hour	Start N. 22° E	Time of Sampling	Amount	Radioactivity
01	01				
02	02				
03	03				
04	04				
05	05				
06	06				
07	07				
08	08				
09	09				
10	10				
11	11				
12	12				
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19				
20	20				
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27				
28	28				
29	29				
30	30				
31	31				
Monthly Mean:-		3.23			
Maximum :-		11.27			

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: JULY Year: 1976Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity $\frac{\text{mBq}}{\text{cc}} / \text{m}^3$ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
30	09	20	01	09	45	4.07	
01	09	50	02	09	30	4.07	
02	09	35	03	09	40	5.92	
03	09	45	04	09	00	2.22	
04	09	05	05	09	30	2.96	
05	09	35	06	09	15	8.51	
06	09	20	07	10	25	NIL	
07	10	30	08	09	30	4.81	
08	09	35	09	09	20	NIL	
09	09	25	10	10	10	NIL	
10	10	15	11	09	25	5.18	
11	09	30	12	09	10	NIL	
12	09	15	13	09	25	NIL	
13	09	30	14	09	15	6.29	
14	09	20	15	09	15	NIL	
15	09	20	16	10	00	1.11	
16	10	05	17	09	30	NIL	
17	09	35	18	10	10	NIL	
18	10	10	19	10	00	NIL	
19	10	05	20	09	45	NIL	
20	09	50	21	09	50	NIL	
21	09	15	22	10	00	5.55	
22	10	05	23	09	40	15.91	
23	09	45	24	10	00	1.11	
24	10	05	25	11	20	NIL	
25	11	30	26	10	15	7.40	
26	10	20	27	09	20	NIL	
27	09	25	28	09	45	NIL	
28	09	50	29	09	20	NIL	
29	09	25	30	09	30	11.84	
30	09	35	31	09	10	22.57	
Monthly Mean:-						3.53	
Maximum :-						22.57	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: JULY

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity $\text{Bq} \text{ mCi/Km}^2 \times 10^6$	Remarks
Start	End		
30 0900	02 0900	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02 "	04 "	NIL	
04 "	06 "	NIL	
06 "	08 "	NIL	
08 "	10 "	1.11	
10 "	12 "	NIL	
12 "	14 "	2.59	
14 "	16 "	NIL	
16 "	18 "	NIL	
18 "	20 "	NIL	
20 "	22 "	5.92	
22 "	24 "	3.70	
24 "	26 "	5.55	
26 "	28 "	NIL	
28 "	30 "	14.06	
30 0900	01 0900	1.85	
Monthly Mean:-		2.17	
Maximum:-		14.06	

1976

Year:

1976

Month:

Location of Sampling Station: 11th Fl., 10' W. of

Latitude: 22° 19' N.

Date	Start Hour	End Hour	Time of Sampling		Amount of Sample (mg)	Radioactivity (cpm)	Remarks
			Start	End			
01	00	01					
02	00	01					
03	00	01					
04	00	01					
05	00	01					
06	00	01					
07	00	01					
08	00	01					
09	00	01					
10	00	01					
11	00	01					
12	00	01					
13	00	01					
14	00	01					
15	00	01					
16	00	01					
17	00	01					
18	00	01					
19	00	01					
20	00	01					
21	00	01					
22	00	01					
23	00	01					
24	00	01					
25	00	01					
26	00	01					
27	00	01					
28	00	01					
29	00	01					
30	00	01					

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

AUG 76

Monthly Mean: 4.19
 Maximum: 4.84

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: AUGUSTYear: 1976Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity in $\mu\text{Ci}/\text{m}^3$ of air	Remarks mBq/m^3
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	15	01	09	30		4.81
01	09	35	02	09	00		0.37
02	09	05	03	09	00		2.59
03	09	10	04	09	15		0.74
04	09	20	05	09	35		NIL
05	09	40	06	10	00		4.44
06	10	05	07	10	00		NIL
07	10	05	08	09	45		2.59
08	09	50	09	09	10		1.48
09	09	15	10	10	00		NIL
10	10	05	11	09	50		1.48
11	09	55	12	09	50		3.33
12	10	00	13	10	15		1.48
13	10	20	14	10	00		NIL
14	10	05	15	09	00		3.33
15	09	05	16	09	25		3.70
16	09	30	17	09	00		NIL
17	09	05	18	09	45		NIL
18	09	50	19	09	15		NIL
19	09	20	20	09	50		NIL
20	09	55	21	10	30		NIL
21	10	40	22	09	45		1.85
22	09	50	23	09	20		1.48
23	09	25	24	10	00		0.74
24	10	05	25	10	30		NIL
25	10	35	26	10	10		NIL
26	10	15	27	09	25		NIL
27	09	30	28	10	10		2.59
28	10	15	29	09	25		NIL
29	09	30	30	09	00		NIL
30	09	10	31	10	10		NIL
Monthly Mean:-						1.19	
Maximum :-						4.81	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: AUGUST

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity $10^6 \text{ Bq} / \text{Km}^2$	Remarks
Start	End		
01/09/00	05/07/00	4.81	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
03	05	NIL	
05	07	14.80	
07	09	2.59	
09	11	4.44	
11	13	NIL	
13	15	NIL	
15	17	NIL	
17	19	NIL	
19	21	3.33	
21	23	NIL	
23	25	NIL	
25	27	NIL	
27	29	NIL	
29	31	NIL	
Monthly Mean:-		2.00	
Maximum:-		14.80	

Beta-Radioactivity of Rainwater

Month: AUGUST

Year: 1976

Date of Sampling		Amount of water Sample cm ³	Amount of Radioactivity		Remarks
Start	End		MBq pCi /cm ³	pCi/cm ³	
3/0800	020800	1520	11.11		Collecting period 24 hours from 0800 H.K. St. Time to 0800 H.K. St. Time approx.
02 "	03 "	626	0.33		
03 "	04 "	150	0.22		
04 "	05 "	70	NIL		
05 "	06 "	540	1.07		
06 "	07 "	2305	0.59		
11 "	12 "	1176	NIL		
17 "	18 "	990	0.26		
24 "	26 "	16130	NIL		

Monthly Mean - 1.19
 Standard Deviation - 4.86

Month: SEPT Year: 1976

Location (or sampling point) of this station: Lat. 22° 19' N. Long. 114° 10' E

Month: SEPT Year: 1976

Date	Hour	Start	Time of Sampling		Amount of Sample for Analysis
			Min.	Sec.	
27	10	00	00	00	0.0700
28	09	00	00	00	0.0700
29	09	00	00	00	0.0700
30	09	00	00	00	0.0700
01	09	00	00	00	0.0700
02	09	00	00	00	0.0700
03	09	00	00	00	0.0700
04	09	00	00	00	0.0700
05	09	00	00	00	0.0700
06	09	00	00	00	0.0700
07	09	00	00	00	0.0700
08	09	00	00	00	0.0700
09	09	00	00	00	0.0700
10	09	00	00	00	0.0700
11	09	00	00	00	0.0700
12	09	00	00	00	0.0700
13	09	00	00	00	0.0700
14	09	00	00	00	0.0700
15	09	00	00	00	0.0700
16	09	00	00	00	0.0700
17	09	00	00	00	0.0700
18	09	00	00	00	0.0700
19	09	00	00	00	0.0700
20	09	00	00	00	0.0700
21	09	00	00	00	0.0700
22	09	00	00	00	0.0700
23	09	00	00	00	0.0700
24	09	00	00	00	0.0700
25	09	00	00	00	0.0700
26	09	00	00	00	0.0700
27	09	00	00	00	0.0700
28	09	00	00	00	0.0700
29	09	00	00	00	0.0700
30	09	00	00	00	0.0700

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

SEP 76

Monthly Mean: 0.48
 Maximum: 1.81

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: SEPTYear: 1976Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity $\frac{\text{mBq}}{\text{m}^3}$ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	15	01	09	20	4.07	
01	09	25	02	09	20	NIL	
02	09	25	03	09	00	NIL	
03	09	05	04	10	05	NIL	
04	10	10	05	10	45	NIL	
05	10	50	06	10	00	NIL	
06	10	05	07	09	35	9.25	
07	09	40	08	09	00	NIL	
08	09	05	09	10	20	1.85	
09	10	25	10	09	05	NIL	
10	09	10	11	10	20	3.70	
11	10	25	12	09	30	NIL	
12	09	35	13	10	25	3.33	
13	10	30	14	09	55	NIL	
14	10	00	15	09	40	9.25	
15	09	45	16	09	45	2.59	
16	09	50	17	10	10	5.18	
17	10	20	18	09	25	3.33	
18	09	30	19	09	25	1.11	
19	09	30	20	09	45	NIL	
20	09	50	21	09	30	NIL	
21	09	35	22	09	30	13.69	
22	09	35	23	09	40	4.07	
23	09	45	24	10	20	1.48	
24	10	25	25	09	30	NIL	
25	09	35	26	10	10	NIL	
26	10	20	27	10	00	NIL	
27	10	05	28	09	30	NIL	
28	09	35	29	10	05	11.47	
29	10	10	30	09	25	NIL	
30			31				
Monthly Mean:-						2.48	
Maximum :-						13.69	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: SEPT

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity $\frac{\text{Bq}}{\text{m}^2/\text{Km}^2} \times 10^6$	Remarks
Start	End		
310900	020900	2.59	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
020900	040900	6.66	
040900	060900	0.74	
060900	080900	NIL	
080900	100900	NIL	
100900	120900	NIL	
120900	140900	NIL	
140900	160900	NIL	
160900	180900	NIL	
180900	200900	1.48	
200900	220900	3.70	
220900	240900	2.59	
240900	260900	NIL	
260900	280900	NIL	
280900	300900	NIL	
Monthly Mean:-		1.18	
Maximum:-		6.66	

Beta-Radioactivity of Rainwater

Month: SEPT

Year: 1976

Date of Sampling		Amount of water Sample cm ³	Amount of Radioactivity ^{m.Bq} per cm ³	Remarks
Start	End			
08	09	535	NIL	Collecting period 24 hours from 0800 H.K. St. Time to 0800 H.K. St. Time approx.
18	20	1350	0.74	
20	21	290	1.48	
22	23	480	1.85	
25	26	1500	NIL	
26	27	432	NIL	
28	30	1530	NIL	

Monthly Mean: 2.45
 Maximum: 13.69

Year: 1976 Month: OCTOBER

Lat. 22° 19' N

Location of Sample (if different from that of activity measurement)

Station: 1976

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

OCT 76

Date	Hour	Min. of Sample	Radioactivity CPM of air	Amount Radioactivity	Station
29	00	00	0.0	0.0	
30	00	00	0.0	0.0	
31	00	00	0.0	0.0	
01	00	00	0.0	0.0	
02	00	00	0.0	0.0	
03	00	00	0.0	0.0	
04	00	00	0.0	0.0	
05	00	00	0.0	0.0	
06	00	00	0.0	0.0	
07	00	00	0.0	0.0	
08	00	00	0.0	0.0	
09	00	00	0.0	0.0	
10	00	00	0.0	0.0	
11	00	00	0.0	0.0	
12	00	00	0.0	0.0	
13	00	00	0.0	0.0	
14	00	00	0.0	0.0	
15	00	00	0.0	0.0	
16	00	00	0.0	0.0	
17	00	00	0.0	0.0	
18	00	00	0.0	0.0	
19	00	00	0.0	0.0	
20	00	00	0.0	0.0	
21	00	00	0.0	0.0	
22	00	00	0.0	0.0	
23	00	00	0.0	0.0	
24	00	00	0.0	0.0	
25	00	00	0.0	0.0	
26	00	00	0.0	0.0	
27	00	00	0.0	0.0	
28	00	00	0.0	0.0	
29	00	00	0.0	0.0	
30	00	00	0.0	0.0	
31	00	00	0.0	0.0	
01	00	00	0.0	0.0	
02	00	00	0.0	0.0	
03	00	00	0.0	0.0	
04	00	00	0.0	0.0	
05	00	00	0.0	0.0	
06	00	00	0.0	0.0	
07	00	00	0.0	0.0	
08	00	00	0.0	0.0	
09	00	00	0.0	0.0	
10	00	00	0.0	0.0	
11	00	00	0.0	0.0	
12	00	00	0.0	0.0	
13	00	00	0.0	0.0	
14	00	00	0.0	0.0	
15	00	00	0.0	0.0	
16	00	00	0.0	0.0	
17	00	00	0.0	0.0	
18	00	00	0.0	0.0	
19	00	00	0.0	0.0	
20	00	00	0.0	0.0	
21	00	00	0.0	0.0	
22	00	00	0.0	0.0	
23	00	00	0.0	0.0	
24	00	00	0.0	0.0	
25	00	00	0.0	0.0	
26	00	00	0.0	0.0	
27	00	00	0.0	0.0	
28	00	00	0.0	0.0	
29	00	00	0.0	0.0	
30	00	00	0.0	0.0	
31	00	00	0.0	0.0	

Monthly Mean: 0.48
 Maximum: 2.71

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: OCTOBER Year: 1976Location of Sampling Point:-
Lat. 22° 19' N.
Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
SEP 30	09	30	01	10	00	NIL	
01	10	05	02	09	55	NIL	
02	10	00	03	09	15	 	pump u/s
03	09	20	04	09	25	 	pump u/s
04	09	30	05	10	10	NIL	
05	10	15	06	09	15	0.14	
06	09	20	07	09	55	NIL	
07	10	00	08	10	10	NIL	
08	10	15	09	09	30	NIL	
09	09	35	10	09	55	0.12	
10	10	00	11	09	45	NIL	
11	09	50	12	09	20	NIL	
12	09	25	13	09	45	0.02	
13	09	50	14	10	40	0.23	
14	10	45	15	09	25	0.29	
15	09	30	16	09	00	0.86	
16	09	05	17	08	45	2.71	
17	08	50	18	09	30	1.51	
18	09	35	19	08	55	0.56	
19	09	00	20	09	25	0.65	
20	09	30	21	09	50	1.02	
21	09	55	22	09	40	1.71	
22	09	45	23	10	50	0.18	
23	11	00	24	08	50	0.10	
24	08	55	25	08	45	0.04	
25	08	50	26	09	05	0.34	
26	09	10	27	09	40	0.50	
27	09	45	28	09	40	0.33	
28	09	45	29	09	30	0.14	
29	09	35	30	09	40	1.44	
30	09	40	31	09	30	1.03	
Monthly Mean:-						0.48	
Maximum :-						2.71	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: OCTOBER Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.
 Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
SEP 30	OCT 02	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
OCT 02	04	NIL	
04	06	NIL	
06	08	0.04	
08	10	0.01	
10	12	NIL	
12	14	NIL	
14	16	0.09	
16	18	NIL	
18	20	NIL	
20	22	NIL	
22	24	NIL	
24	26	0.26	
26	28	NIL	
28	30	NIL	
Monthly Mean:-		0.03	
Maximum:-		0.26	

Month: Nov Year: 1976

Location: J.F.P.I. Lat. 22° 19' N Long. 114° 10' E

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

NOV 76

Date	Hour	Min	Sec	Count	Rate	Remarks
01	00	00	00			
02	00	00	00			
03	00	00	00			
04	00	00	00			
05	00	00	00			
06	00	00	00			
07	00	00	00			
08	00	00	00			
09	00	00	00			
10	00	00	00			
11	00	00	00			
12	00	00	00			
13	00	00	00			
14	00	00	00			
15	00	00	00			
16	00	00	00			
17	00	00	00			
18	00	00	00			
19	00	00	00			
20	00	00	00			
21	00	00	00			
22	00	00	00			
23	00	00	00			
24	00	00	00			
25	00	00	00			
26	00	00	00			
27	00	00	00			
28	00	00	00			
29	00	00	00			
30	00	00	00			

Monthly Mean: 1.513
 Maximum: 12.58

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: NOV

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity $\mu\text{Ci}/\text{km}^2 \times 10^6 \text{Bg}$	Remarks
Start	End		
NOV 01	NOV 01	10.36	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
NOV 01	03	3.7	
03	05	13.32	
05	07	NIL	
07	09	4.81	
09	11	1.11	
11	13	2.22	
13	15	NIL	
15	17	2.96	
17	19	28.86	
19	21	1.48	
21	23	2.96	
23	25	5.55	
25	27	NIL	
27	29	4.81	
Monthly Mean:-		5.55	
Maximum:-		28.86	

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: NOV.

Year: 1976

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity $\mu\text{Ci}/\text{m}^3$ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	35	01	08	30	11.13 5.5.13	
01	09	35	02	09	10	12.58 123.58	
02	09	20	03	09	15	19.24 19.24	
03	09	20	04	09	45	27.75 27.75	
04	09	50	05	09	15	26.63 26.63	
05	09	20	06	09	30	7.4 7.4	
06	09	35	07	09	35	NIL	
07	09	40	08	09	50	17.02 17.02	
08	09	55	09	09	00	17.76 17.76	
09	09	05	10	10	10	1.48 1.48	
10	10	15	11	09	10	10.26 10.26	
11	09	15	12	09	50	11.1 11.1	
12	09	55	13	09	15	4.07 4.07	
13	09	20	14	09	00	1.48 1.48	
14	09	05	15	09	30	4.44 4.44	
15	09	30	16	09	45	10.73 10.73	
16	09	50	17	09	10	4.81 4.81	
17	09	15	18	09	15	24.79 24.79	
18	09	20	19	08	25	19.24 19.24	
19	08	30	20	08	25	2.88 2.88	
20	08	40	21	09	00	28.86 28.86	
21	09	05	22	08	45	37.37 37.37	
22	08	50	23	08	50	25.53 25.53	
23	08	55	24	08	55	18.87 18.87	
24	09	00	25	09	55	0.12	
25	10	00	26	09	25	Down	W/S
26	09	30	27	09	10	6.66 6.66	
27	09	15	28	09	30	4.07 4.07	
28	09	35	29	09	10	16.65 16.65	
29	09	15	30	09	25	3.7 3.7	
30	09	30	31				

Monthly Mean:- ~~11.13~~ 15.13

Maximum :- ~~123.58~~ 123.58

Month: DECEMBER Year: 1976

(Tow has and) notated latitude and longitude
 Location of Sampling Point: 1976
 Month: DECEMBER Year: 1976

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

DEC 76

Date	Start Hour	End Date	Time of Day	Lat. - Longitude		Remarks
				Lat.	Long.	
01	00	01	00			
02	00	02	00			
03	00	03	00			
04	00	04	00			
05	00	05	00			
06	00	06	00			
07	00	07	00			
08	00	08	00			
09	00	09	00			
10	00	10	00			
11	00	11	00			
12	00	12	00			
13	00	13	00			
14	00	14	00			
15	00	15	00			
16	00	16	00			
17	00	17	00			
18	00	18	00			
19	00	19	00			
20	00	20	00			
21	00	21	00			
22	00	22	00			
23	00	23	00			
24	00	24	00			
25	00	25	00			
26	00	26	00			
27	00	27	00			
28	00	28	00			
29	00	29	00			
30	00	30	00			
Monthly Mean:-		0.13				
Maximum:-		0.47				

Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: DECEMBERYear: 1976Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks m Bq/m ³
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
30	09	30	01	09	25	NIL	NIL
01	09	30	02	09	10	0.13	4.8
02	09	15	03	09	50	0.38	14.1
03	09	55	04	09	30	NIL	NIL
04	09	35	05	09	15	NIL	NIL
05	09	20	06	10	00	0.08	3.0
06	10	05	07	09	20	0.05	1.9
07	09	30	08	08	55	0.14	5.2
08	09	00	09	09	30	0.05	1.9
09	09	35	10	08	45	0.10	3.7
10	08	50	11	09	05	0.03	1.1
11	09	10	12	09	20	0.24	8.9
12	09	25	13	09	30	0.32	11.8
13	09	35	14	09	45	0.35	12.9
14	09	50	15	09	10	0.24	8.9
15	09	15	16	09	15	0.15	5.5
16	09	20	17	09	30	0.13	4.8
17	09	35	18	09	30	0.05	1.9
18	09	35	19	09	00	0.11	4.1
19	09	05	20	09	10	NIL	NIL
20	09	15	21	09	15	0.02	0.7
21	09	20	22	09	30	NIL	NIL
22	09	35	23	09	55	NIL	NIL
23	10	00	24	08	45	0.13	4.8
24	08	50	25	10	00	0.47	17.4
25	10	05	26	09	00	0.37	13.7
26	09	10	27	09	00	0.04	1.5
27	09	05	28	09	30	0.06	2.2
28	09	35	29	09	05	0.31	11.5
29	09	10	30	09	35	0.09	3.3
30	09	40	31	09	30	0.14	5.2
Monthly Mean:-						0.13	4.8
Maximum :-						0.47	17.4

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: DECEMBER

Year: 1976

Location of Sampling Point:- Lat. 22° 19' N.

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity		Remarks
Start	End	mCi/Km ²	Bq _{x10⁶} /Km ²	
NOV 29	DEC 01	0.03	1.1	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
DEC 01	DEC 03	NIL	NIL	
" 03	" 05	NIL	NIL	
" 05	" 07	NIL	NIL	
" 07	" 09	NIL	NIL	
" 09	" 11	NIL	NIL	
" 11	" 13	0.35	12.9	
" 13	" 15	0.14	5.2	
" 15	" 17	NIL	NIL	
" 17	" 19	0.14	5.2	
" 19	" 21	0.15	5.5	
" 21	" 23	NIL	NIL	
" 23	" 25	0.10	3.7	
" 25	" 27	0.03	1.1	
" 27	" 29	0.04	1.5	
" 29	" 31	NIL	NIL	
Monthly Mean:-		0.06	2.2	
Maximum:-		0.35	12.9	

