

Year: 1974

Month: JANUARY

Latitude: 22° 19' N  
Longitude: 114° 10' E  
Month: JANUARY

Date	Hour	Start No.	Time of Sampling		Radioactivity cpm/100 m <sup>3</sup> of air	Amount of dust collected
			Start	End		
31	10	01	10	10	0.18	0.18
01	10	02	10	10	0.18	0.18
02	10	03	10	10	0.18	0.18
03	10	04	10	10	0.18	0.18
04	10	05	10	10	0.18	0.18
05	10	06	10	10	0.18	0.18
06	10	07	10	10	0.18	0.18
07	10	08	10	10	0.18	0.18
08	10	09	10	10	0.18	0.18
09	10	10	10	10	0.18	0.18
10	10	11	10	10	0.18	0.18
11	10	12	10	10	0.18	0.18
12	10	13	10	10	0.18	0.18
13	10	14	10	10	0.18	0.18
14	10	15	10	10	0.18	0.18
15	10	16	10	10	0.18	0.18
16	10	17	10	10	0.18	0.18
17	10	18	10	10	0.18	0.18
18	10	19	10	10	0.18	0.18
19	10	20	10	10	0.18	0.18
20	10	21	10	10	0.18	0.18
21	10	22	10	10	0.18	0.18
22	10	23	10	10	0.18	0.18
23	10	24	10	10	0.18	0.18
24	10	25	10	10	0.18	0.18
25	10	26	10	10	0.18	0.18
26	10	27	10	10	0.18	0.18
27	10	28	10	10	0.18	0.18
28	10	29	10	10	0.18	0.18
29	10	30	10	10	0.18	0.18
30	10	31	10	10	0.18	0.18
		Monthly Mean:-		0.18		0.18
		Maximum:-		0.87		0.87

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

JAN 74

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

Month: JANUARYYear: 1974Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	05	01	09	55	NIL	NIL -
01	10	00	02	09	00	0.28	10.4 -
02	09	05	03	09	00	0.07	2.6 -
03	09	05	04	09	00	0.70	25.9 -
04	09	05	05	10	00	NIL	NIL -
05	10	05	06	09	55	NIL	NIL -
06	10	00	07	10	30	0.34	12.6 -
07	10	35	08	10	25	0.05	1.9 -
08	10	30	09	10	15	0.54	20.0 -
09	10	20	10	09	40	NIL	NIL -
10	09	45	11	09	00	0.21	7.8 -
11	09	10	12	09	00	NIL	NIL -
12	09	05	13	09	30	0.64	23.7 -
13	09	35	14	09	50	0.14	5.2 -
14	09	55	15	09	55	0.28	10.4 -
15	10	00	16	09	50	NIL	NIL -
16	09	55	17	10	00	0.07	2.6 -
17	10	05	18	09	45	0.87	32.2 -
18	09	50	19	09	45	NIL	NIL -
19	09	50	20	10	10	NIL	NIL -
20	10	15	21	09	50	0.21	7.8 -
21	09	55	22	09	00	NIL	NIL -
22	09	05	23	09	00	0.08	3.0 -
23	09	10	24	09	50	0.11	4.1 -
24	09	55	25	09	55	0.24	8.9 -
25	10	00	26	09	15	NIL	NIL -
26	09	20	27	09	25	0.32	11.9 -
27	09	30	28	10	05	0.33	12.2 -
28	10	10	29	10	30	NIL	NIL -
29	10	35	30	09	50	0.03	1.1 -
30	09	55	31	09	30	0.04	1.5 -
Monthly Mean:-						0.18	6.7
Maximum :-						0.87	32.2

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: JANUARY

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
31	02	0.14	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	0.12	
08	10	0.15	
10	12	0.24	
12	14	NIL	
14	16	0.20	
16	18	0.28	
18	20	NIL	
20	22	NIL	
22	24	0.08	
24	26	0.01	
26	28	0.14	
28	30	0.10	
Monthly Mean:-		0.10	
Maximum:-		0.28	



Month: February Year: 1974

Location of Sampling Point: Low level and vicinity of roof of observatory  
 Date: 1974 Month: February

Date	Hour	Time of Sampling		Amount of Dusts for analysis	Remarks
		Start	End		
01	00	00	01	0.05	
02	00	00	01	0.05	
03	00	00	01	0.05	
04	00	00	01	0.05	
05	00	00	01	0.05	
06	00	00	01	0.05	
07	00	00	01	0.05	
08	00	00	01	0.05	
09	00	00	01	0.05	
10	00	00	01	0.05	
11	00	00	01	0.05	
12	00	00	01	0.05	
13	00	00	01	0.05	
14	00	00	01	0.05	
15	00	00	01	0.05	
16	00	00	01	0.05	
17	00	00	01	0.05	
18	00	00	01	0.05	
19	00	00	01	0.05	
20	00	00	01	0.05	
21	00	00	01	0.05	
22	00	00	01	0.05	
23	00	00	01	0.05	
24	00	00	01	0.05	
25	00	00	01	0.05	
26	00	00	01	0.05	
27	00	00	01	0.05	
28	00	00	01	0.05	
29	00	00	01	0.05	
30	00	00	01	0.05	
31	00	00	01	0.05	
		Monthly Mean:-		0.05	
		Maximum:-		0.05	

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

FEB 74

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

Month: FEBRUARYYear: 1974

Location of Sampling Point:-

Lat. 22° 19' N.Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	35	01	09	55	NIL	NIL /
01	10	00	02	10	00	NIL	NIL /
02	10	05	03	10	00	NIL	NIL /
03	10	05	04	09	30	NIL	NIL /
04	09	35	05	09	25	0.16	5.9 /
05	09	30	06	10	15	0.09	3.3 /
06	10	20	07	10	30	0.79	29.2
07	10	35	08	11	05	0.05	1.9 /
08	11	10	09	09	20	0.16	5.9 /
09	09	30	10	09	00	0.31	11.5 /
10	09	05	11	10	00	0.12	4.4 /
11	10	05	12	09	50	NIL	NIL /
12	09	55	13	10	00	0.23	8.5 /
13	10	05	14	10	00	0.15	5.5 /
14	10	05	15	09	20	0.43	15.9 /
15	09	25	16	10	25	0.05	1.9 /
16	10	30	17	10	35	0.32	11.8 /
17	10	40	18	10	05	0.49	18.1 /
18	10	10	19	09	00	NIL	NIL /
19	09	05	20	10	00	NIL	NIL /
20	10	05	21	10	00	0.12	4.4 /
21	10	05	22	10	35	0.21	7.8 /
22	10	40	23	09	00	0.56	20.7 /
23	09	05	24	09	50	0.22	8.1 /
24	09	55	25	09	30	0.19	7.0 /
25	09	35	26	10	35	NIL	NIL /
26	10	40	27	10	20	0.39	14.4 /
27	10	25	28	09	30	0.43	15.9 /
28			29				
29			30				
30			31				
Monthly Mean:-						0.19	7.0
Maximum :-						0.79	29.2

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: FEBRUARY

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
30.	01	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
01	03	NIL	
03	05	0.12	
05	07	NIL	
07	09	0.02	
09	11	0.09	
11	12	0.03	
13	15	0.03	
15	17	0.01	
17	19	NIL	
19	21	NIL	
21	23	0.36	
23	25	0.61	
25	27	0.16	
Monthly Mean:-		0.10	
Maximum:-		0.61	



Month: MARCH Year: 1974

Location of Sampling Station: 117°E  
 Lat. 22° 10' N  
 Long. 114° 15' E

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

MAR 74

Date	Hour	Time of Sampling		Radioactivity POA <sup>2</sup> of air	Amount of dust attached to filter	Remarks
		Start	End			
01	10	01	02	0.00	0.00	
02	10	02	03	0.00	0.00	
03	10	03	04	0.00	0.00	
04	10	04	05	0.00	0.00	
05	10	05	06	0.00	0.00	
06	10	06	07	0.00	0.00	
07	10	07	08	0.00	0.00	
08	10	08	09	0.00	0.00	
09	10	09	10	0.00	0.00	
10	10	10	11	0.00	0.00	
11	10	11	12	0.00	0.00	
12	11	12	13	0.00	0.00	
13	10	13	14	0.00	0.00	
14	10	14	15	0.00	0.00	
15	10	15	16	0.00	0.00	
16	10	16	17	0.00	0.00	
17	10	17	18	0.00	0.00	
18	10	18	19	0.00	0.00	
19	10	19	20	0.00	0.00	
20	10	20	21	0.00	0.00	
21	10	21	22	0.00	0.00	
22	10	22	23	0.00	0.00	
23	10	23	24	0.00	0.00	
24	10	24	25	0.00	0.00	
25	10	25	26	0.00	0.00	
26	10	26	27	0.00	0.00	
27	10	27	28	0.00	0.00	
28	10	28	29	0.00	0.00	
29	10	29	30	0.00	0.00	
30	10	30	31	0.00	0.00	
Monthly Mean:				0.28		
Maximum:				0.83		

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

Month: MARCHYear: 1974Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
			01	10	00	0.44	16.3 -
01	10	05	02	10	00	0.40	14.8 -
02	10	05	03	10	25	NIL	NIL -
03	10	30	04	09	15	0.31	11.5 -
04	09	20	05	09	00	0.08	3.0 -
05	09	05	06	09	35	0.22	8.1 -
06	09	40	07	10	40	0.30	11.1 -
07	10	45	08	10	05	0.69	25.5 -
08	10	10	09	10	10	0.22	8.1 -
09	10	15	10	10	00	NIL	NIL -
10	10	05	11	10	25	0.29	10.7 -
11	10	30	12	11	15	NIL	NIL -
12	11	20	13	10	00	NIL	NIL -
13	10	05	14	10	20	0.48	17.8 -
14	10	25	15	09	20	0.24	8.9 -
15	09	25	16	10	40	NIL	NIL -
16	10	45	17	09	45	0.03	1.1 -
17	09	50	18	09	55	0.45	16.7 -
18	10	00	19	10	00	0.67	24.8 -
19	10	05	20	10	15	0.31	11.5 -
20	10	20	21	10	15	0.09	3.3 -
21	10	20	22	10	30	0.35	12.9 -
22	10	35	23	09	30	0.27	10.0 -
23	09	35	24	09	25	0.75	27.7 -
24	09	30	25	09	00	0.34	12.6 -
25	09	05	26	10	25	0.34	12.6 -
26	10	30	27	10	00	0.09	3.3 -
27	10	05	28	10	15	0.29	10.7 -
28	10	20	29	10	00	NIL	NIL -
29	10	05	30	09	35	0.32	11.8 -
30	09	40	31	10	30	0.83	30.7 -
Monthly Mean:-						0.28	10.4
Maximum :-						0.83	30.7

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: MARCH

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
FEB 27 0900	MAR 01 0900	0.27	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
MAR 01 0900	03 0900	NIL	
03 0900	05 0900	0.06	
05 0900	07 0900	0.19	
07 0900	09 0900	0.12	
09 0900	11 0900	0.11	
11 0900	13 0900	NIL	
13 0900	15 0900	0.09	
15 0900	17 0900	NIL	
17 0900	19 0900	0.12	
19 0900	21 0900	0.27	
21 0900	23 0900	NIL	
23 0900	25 0900	NIL	
25 0900	27 0900	NIL	
27 0900	29 0900	0.01	
29 0900	31 0900	0.19	
Monthly Mean:-		0.09	
Maximum:-		0.27	



Month: April Year: 1974

Location of Sampling Point: 11th Floor, 11th Lane, 11th

Date: 1974

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

APR 74

Date	Hour	Time of Sampling			Radioactivity DPM of air	Location of Remains
		Start	End	Duration		
01	00	00	00	00	11th Floor	
02	00	00	00	00	11th Floor	
03	00	00	00	00	11th Floor	
04	00	00	00	00	11th Floor	
05	00	00	00	00	11th Floor	
06	00	00	00	00	11th Floor	
07	00	00	00	00	11th Floor	
08	00	00	00	00	11th Floor	
09	00	00	00	00	11th Floor	
10	00	00	00	00	11th Floor	
11	00	00	00	00	11th Floor	
12	00	00	00	00	11th Floor	
13	00	00	00	00	11th Floor	
14	00	00	00	00	11th Floor	
15	00	00	00	00	11th Floor	
16	00	00	00	00	11th Floor	
17	00	00	00	00	11th Floor	
18	00	00	00	00	11th Floor	
19	00	00	00	00	11th Floor	
20	00	00	00	00	11th Floor	
21	00	00	00	00	11th Floor	
22	00	00	00	00	11th Floor	
23	00	00	00	00	11th Floor	
24	00	00	00	00	11th Floor	
25	00	00	00	00	11th Floor	
26	00	00	00	00	11th Floor	
27	00	00	00	00	11th Floor	
28	00	00	00	00	11th Floor	
29	00	00	00	00	11th Floor	
30	00	00	00	00	11th Floor	

Monthly Mean: 0.37  
 Maximum: 1.30

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

Month: APRIL

Year: 1974

Location of Sampling Point:-

Lat. 22° 19' N.

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks m Bq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	35	01	10	00	0.46	17.0 /
01	10	10	02	09	20	0.48	17.8 /
02	09	25	03	10	00	0.71	26.3 /
03	10	05	04	10	05	NIL	NIL /
04	10	10	05	09	45	0.36	13.3 /
05	09	50	06	10	00	0.09	3.3 /
06	10	05	07	09	30	0.54	20.0 /
07	09	35	08	09	30	NIL	NIL /
08	09	35	09	10	00	NIL	NIL /
09	10	05	10	09	00	0.68	25.2 /
10	09	10	11	10	00	NIL	NIL /
11	10	05	12	10	05	NIL	NIL /
12	10	10	13	10	20	0.37	13.7 /
13	10	25	14	10	00	0.50	18.5 /
14	10	00	15	10	00	0.25	9.3 /
15	10	05	16	11	00	0.34	12.6 /
16	11	05	17	11	10	0.18	6.7 /
17	11	15	18	09	40	0.36	13.3 /
18	09	45	19	09	50	0.57	21.1 /
19	10	00	20	10	00	0.37	13.7 /
20	10	05	21	09	00	0.13	4.8 /
21	09	05	22	09	25	NIL	NIL /
22	09	30	23	09	45	NIL	NIL /
23	09	50	24	09	45	0.52	19.2 /
24	09	25	25	09	30	0.74	27.4 /
25	09	35	26	10	20	1.36	50.3 /
26	10	25	27	10	15	1.01	37.4 /
27	10	20	28	10	05	0.51	18.9 /
28	10	10	29	10	00	NIL	NIL /
29	10	05	30	10	00	0.63	23.3 /
30			31	01			
Monthly Mean:-						0.37	13.7
Maximum :-						1.36	50.3

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: APRIL

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
31	02	0.18	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02	04	NIL	
04	06	0.10	
06	08	0.05	
08	10	0.22	
10	12	NIL	
12	14	0.14	
14	16	0.30	
16	18	0.13	
18	20	0.06	
20	22	NIL	
22	24	NIL	
24	26	0.19	
26	28	0.31	
28	30	0.16	
Monthly Mean:-		0.12	
Maximum:-		0.31	



Month: MAY Year: 1974

Location of Sampling Station: Royal Observatory, Hong Kong

Latitude: 22° 19' N Longitude: 114° 10' E

Date	Hour	Time of Sampling		Radioactivity cpm of air	Amount of dust collected
		Start	End		
01	10	09	10	0.25	0.1
02	10	09	10	0.25	0.1
03	10	09	10	0.25	0.1
04	10	09	10	0.25	0.1
05	10	09	10	0.25	0.1
06	10	09	10	0.25	0.1
07	10	09	10	0.25	0.1
08	10	09	10	0.25	0.1
09	10	09	10	0.25	0.1
10	10	09	10	0.25	0.1
11	10	09	10	0.25	0.1
12	10	09	10	0.25	0.1
13	10	09	10	0.25	0.1
14	10	09	10	0.25	0.1
15	09	08	09	0.40	0.15
16	10	09	10	0.30	0.1
17	10	09	10	0.00	0.0
18	09	08	09	0.32	0.12
19	10	09	10	0.20	0.08
20	09	08	09	0.35	0.13
21	10	09	10	0.00	0.0
22	10	09	10	0.22	0.09
23	10	09	10	0.00	0.0
24	10	09	10	0.28	0.11
25	10	09	10	0.25	0.1
26	10	09	10	0.25	0.1
27	10	09	10	0.25	0.1
28	10	09	10	0.25	0.1
29	10	09	10	0.25	0.1
30	09	08	09	0.32	0.12
Monthly Mean:				0.25	0.1
Maximum:				0.40	0.15

**RADIOACTIVITY BULLETIN**  
**ROYAL OBSERVATORY**  
**HONG KONG**  
**MAY 74**

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

Month: MAYYear: 1974Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
			01	11	30	NIL	NIL /
01	11	35	02	10	35	0.25	9.3 /
02	10	40	03	10	00	0.61	22.6 /
03	10	05	04	10	00	NIL	NIL /
04	10	10	05	10	25	NIL	NIL /
05	10	30	06	10	30	0.47	17.4 /
06	10	35	07	10	00	NIL	NIL /
07	10	05	08	10	05	0.50	18.5 /
08	10	10	09	09	50	0.20	7.4 /
09	09	55	10	10	10	NIL	NIL /
10	10	15	11	09	55	0.28	10.4 /
11	10	00	12	10	00	0.72	26.6 /
12	10	05	13	10	20	0.51	18.9 /
13	10	30	14	10	10	0.28	10.4 /
14	10	15	15	09	35	0.63	23.3 /
15	09	40	16	10	25	0.67	24.8 /
16	10	30	17	09	55	0.53	19.6 /
17	10	00	18	09	30	NIL	NIL /
18	09	35	19	11	15	0.36	13.3 /
19	11	20	20	09	30	0.54	20.0 /
20	09	35	21	09	55	NIL	NIL /
21	10	00	22	09	50	0.17	6.3 /
22	09	55	23	09	55	NIL	NIL /
23	10	00	24	09	45	0.53	19.6 /
24	09	10	25	09	45	0.28	10.4 /
25	09	50	26	10	35	NIL	NIL /
26	10	50	27	09	50	0.11	4.1 /
27	09	55	28	10	00	NIL	NIL /
28	10	05	29	10	50	0.37	13.7 /
29	10	55	30	09	30	NIL	NIL /
30	09	35	31	09	50	NIL	NIL /
Monthly Mean:-						0.25	9.3
Maximum :-						0.72	26.6

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: MAY

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
30 APR	02 MAY	0.50	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02 MAY	04	NIL	
04	06	0.32	
06	08	0.41	
08	10	0.10	
10	12	0.22	
12	14	0.02	
14	16	0.26	
16	18	0.02	
18	20	0.09	
20	22	NIL	
22	24	0.32	
24	26	0.01	
26	28	NIL	
28	30	NIL	
Monthly Mean:-		0.15	
Maximum:-		0.50	



Year: 1974

Month: JUNE

Location of Sampling Point: -  
 Station: TST  
 Date: 1974

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

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

JUN 74

Monthly Mean: 0.22  
 Maximum: 0.77

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

Month: JUNE

Year: 1974

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	55	01	09	30	0.29	10.7 -
01	09	35	02	10	30	0.56	20.7 -
02	10	35	03	09	30	0.43	15.9 -
03	09	35	04	10	15	NIL	NIL -
04	10	20	05	10	20	NIL	NIL -
05	10	25	06	10	00	0.77	28.5 -
06	10	05	07	10	10	0.23	8.5 -
07	10	15	08	09	20	NIL	NIL -
08	09	25	09	09	55	0.38	14.0 -
09	10	00	10	09	05	0.27	9.9 -
10	09	10	11	10	25	0.65	24.0 -
11	10	30	12	09	20	0.35	12.9 -
12	09	25	13	10	20	NIL	NIL -
13	10	25	14	10	00	0.07	2.5 -
14	10	05	15	10	00	0.01	0.3 -
15	10	05	16	10	55	NIL	NIL -
16	11	00	17	10	15	NIL	NIL -
17	10	20	18	09	45	0.14	5.1 -
18	09	50	19	09	45	0.55	20.3 -
19	09	50	20	10	55	0.17	6.2 -
20	11	00	21	09	55	0.63	23.3 -
21	10	00	22	09	50	0.24	8.8 -
22	09	55	23	09	30	0.56	20.7 -
23	09	35	24	10	00	0.06	2.2 -
24	10	05	25	09	45	NIL	NIL -
25	09	50	26	09	15	0.37	13.6 -
26	09	20	27	09	55	0.15	5.5 -
27	10	00	28	09	30	0.42	15.5 -
28	09	35	29	10	25	0.21	7.8 -
29	10	30	30	10	05	NIL	NIL -
30			31				
Monthly Mean:-						0.25	9.3
Maximum :-						0.77	28.5

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: JUNE

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
30	1	0.04	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
1	3	0.18	
3	5	NIL	
5	7	0.15	
7	9	0.42	
9	11	0.26	
11	13	NIL	
13	15	0.01	
15	17	0.04	
17	19	0.29	
19	21	0.13	
21	23	0.29	
23	25	0.37	
25	27	0.13	
27	29	0.36	
Monthly Mean:-		0.18	
Maximum:-		0.42	



Month: July Year: 1974

Location of Sampling Point: \_\_\_\_\_

Month: \_\_\_\_\_ Year: \_\_\_\_\_

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

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

JUL 74

1.0

55.5

Monthly Mean: -

Maximum: -

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

Month: JulyYear: 1974Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
Jun 30	10	10	July 01	09	25	NIL	NIL /
July 01	09	30	02	10	25	NIL	NIL /
02	10	30	03	10	40	NIL	NIL /
03	10	45	04	09	40	NIL	NIL /
04	09	45	05	10	00	0.11	4.1 /
05	10	25	06	10	00	NIL	NIL /
06	10	05	07	09	40	0.07	2.6 /
07	09	45	08	10	00	NIL	NIL /
08	10	05	09	10	00	NIL	NIL /
09	10	05	10	15	00	NIL	Pump stopped
10	15	05	11	10	15	NIL	NIL /
11	10	20	12	10	15	0.10	3.7 /
12	10	20	13	10	00	NIL	NIL /
13	10	05	14	09	20	0.12	4.4 /
14	09	25	15	09	30	NIL	NIL /
15	09	35	16	10	35	NIL	NIL /
16	10	40	17	09	55	0.10	3.7 /
17	10	00	18	09	30	NIL	NIL /
18	09	35	19	10	10	NIL	NIL /
19	10	15	20	09	40	NIL	NIL /
20	09	45	21	10	25	NIL	NIL /
21	10	30	22	09	00	NIL	NIL /
22	09	05	23	10	10	NIL	NIL /
23	10	15	24	09	45	NIL	NIL /
24	09	50	25	09	10	NIL	NIL /
25	09	15	26	10	00	NIL	NIL /
26	10	05	27	09	55	0.14	5.2 /
27	10	00	28	09	40	NIL	NIL /
28	09	45	29	09	45	0.17	6.3 /
29	09	50	30	10	00	0.60	22.2 /
30	10	05	31	09	45	NIL	NIL /
Monthly Mean:-						0.05	1.9
Maximum :-						0.60	22.2

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: July

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
290900	010900	0.18	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
010900	030900	NIL	
030900	050900	NIL	
050900	070900	0.04	
070900	090900	NIL	
090900	110900	0.12	
110900	130900	NIL	
130900	150900	NIL	
150900	170900	0.02	
170900	190900	NIL	
190900	210900	0.31	
210900	230900	NIL	
230900	250900	0.01	
250900	270900	0.28	
270900	290900	0.06	
290900	310900	NIL	
Monthly Mean:-		0.06	
Maximum:-		0.31	



Date-Radiactivity of Airborne Dust Near the Earth's Surface  
 (The data are not included later in this publication)  
 Month: Aug 1954 Year: 1954  
 Location of Sampling Point: Lat. 22° 19' N Long. 114° 10' E

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

AUG 74

Date	Hour	Min.	Date	Time of Sampling	Amount of		Remarks
					Radioactivity	of Dust	
31	00	10	01	00	00		
01	00	10	02	00	00		
02	00	10	03	00	00		
03	00	10	04	00	00		
04	00	10	05	00	00		
05	00	10	06	00	00		
06	00	10	07	00	00		
07	00	10	08	00	00		
08	00	10	09	00	00		
09	00	10	10	00	00		
10	00	10	11	00	00		
11	00	10	12	00	00		
12	00	10	13	00	00		
13	00	10	14	00	00		
14	00	10	15	00	00		
15	00	10	16	00	00		
16	00	10	17	00	00		
17	00	10	18	00	00		
18	00	10	19	00	00		
19	00	10	20	00	00		
20	00	10	21	00	00		
21	00	10	22	00	00		
22	00	10	23	00	00		
23	00	10	24	00	00		
24	00	10	25	00	00		
25	00	10	26	00	00		
26	00	10	27	00	00		
27	00	10	28	00	00		
28	00	10	29	00	00		
29	00	10	30	00	00		
30	00	10	31	00	00		
				Monthly Mean:-		0.2	
				Maximum:-		0.19	

0.3  
0.15

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

Month: AUGUST Year: 1974Location of Sampling Point:- Lat. 22° 19' N.Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	50	01	09	45	NIL	NIL -
01	09	50	02	09	35	NIL	NIL -
02	09	40	03	09	00	0.24	8.9 -
03	09	05	04	10	35	NIL	NIL -
04	10	40	05	10	00	0.41	15.2 -
05	10	05	06	09	30	0.40	14.8 -
06	09	35	07	09	25	0.39	14.4 -
07	09	30	08	10	35	0.02	0.7 -
08	10	40	09	09	55	NIL	NIL -
09	10	00	10	09	50	NIL	NIL -
10	09	55	11	09	45	NIL	NIL -
11	09	50	12	09	30	0.44	16.3 -
12	09	35	13	09	45	NIL	NIL -
13	09	50	14	10	00	0.17	6.3 -
14	10	05	15	09	30	0.30	11.1 -
15	09	35	16	10	10	NIL	NIL -
16	10	15	17	09	15	0.49	8.1 -
17	09	30	18	10	25	0.31	11.5 -
18	10	30	19	10	10	0.59	21.8 -
19	10	15	20	10	05	0.46	17.0 -
20	10	10	21	09	00	0.23	8.5 -
21	09	05	22	09	40	0.36	13.3 -
22	09	45	23	10	40	0.39	14.4 -
23	10	45	24	10	40	0.11	4.1 -
24	10	45	25	10	05	0.26	9.6 -
25	10	10	26	09	25	0.55	20.3 -
26	09	30	27	09	55	0.38	14.1 -
27	10	00	28	09	50	0.51	18.9 -
28	09	55	29	10	40	0.18	6.7 -
29	10	45	30	10	10	NIL	NIL -
30	10	15	31	10	30	0.59	21.8 -
Monthly Mean:-						0.25	9.3
Maximum :-						0.59	21.8

## Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: AUGUSTYear: 1974Location of Sampling Point:- Lat. 22° 19' N.Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
JULY 31 0900	AUG. 30 0900		
JULY 31 0900	AUG 02 0900	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
AUG 02 0900	" 04 0900	NIL	
" 04 0900	" 06 0900	0.30	
" 06 0900	" 08 0900	NIL	
" 08 0900	" 10 0900	NIL	
" 10 0900	" 12 0900	0.18	
" 12 0900	" 14 0900	0.02	
" 14 0900	" 16 0900	0.04	
" 16 0900	" 18 0900	NIL	
" 18 0900	" 20 0900	0.03	
" 20 0900	" 22 0900	0.05	
" 22 0900	" 24 0900	NIL	
" 24 0900	" 26 0900	0.27	
" 26 0900	" 28 0900	0.12	
" 28 0900	" 30 0900	NIL	
Monthly Mean:-		0.07	
Maximum:-		0.30	

Beta - Radioactivity of Rainwater  
 Month - August Year: 1974

DATE OF SAMPLING		Amount of sample water c.c.	Amount of Radioactivity pci/c.c.	Remark
START:	END			
AUG 04 0900	AUG 05 0900	185	0.25	
" 11 0800	" 12 0800	18	NIL	
" 12 0800	" 13 0800	350	NIL	
" 13 0800	" 14 0800	547	NIL	
" 14 0800	" 15 0800	1320	0.01	
" 21 0800	" 22 0800	330	NIL	
" 23 0800	" 24 0800	4155	NIL	
" 27 0800	" 28 0800	394	0.06	
—	—	—	—	

Month: SEPTEMBER Year: 1974

Location of Sampling Point: 11th Floor, 11th Street, Hong Kong  
 Date: SEP 10 1974

Date	Hour	Time of Sampling	Radioactivity		Remarks
			cpm of air	cpm of dust	
31	09	02	0.00	0.00	
01	09	02	0.00	0.00	
02	10	02	0.00	0.00	
03	10	02	0.00	0.00	
04	10	02	0.00	0.00	
05	10	02	0.00	0.00	
06	10	02	0.00	0.00	
07	10	02	0.00	0.00	
08	10	02	0.00	0.00	
09	10	02	0.00	0.00	
10	10	02	0.00	0.00	
11	10	02	0.00	0.00	
12	10	02	0.00	0.00	
13	10	02	0.00	0.00	
14	10	02	0.00	0.00	
15	10	02	0.00	0.00	
16	10	02	0.00	0.00	
17	10	02	0.00	0.00	
18	10	02	0.00	0.00	
19	10	02	0.00	0.00	
20	10	02	0.00	0.00	
21	10	02	0.00	0.00	
22	10	02	0.00	0.00	
23	10	02	0.00	0.00	
24	10	02	0.00	0.00	
25	10	02	0.00	0.00	
26	10	02	0.00	0.00	
27	10	02	0.00	0.00	
28	10	02	0.00	0.00	
29	10	02	0.00	0.00	
30	10	02	0.00	0.00	
Monthly Mean:			0.29	0.01	
Maximum:			0.76	0.05	

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

SEP 74

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

Month: SEPTEMBER

Year: 1974

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	10	35	01	09	50	NIL	NIL
01	09	55	02	10	30	0.10	3.7
02	10	35	03	10	10	0.47	17.4
03	10	15	04	10	10	NIL	NIL
04	10	15	05	10	15	0.32	11.8
05	10	20	06	10	00	NIL	NIL
06	10	05	07	10	15	0.21	7.8
07	10	20	08	09	30	0.46	17.0
08	09	35	09	10	30	NIL	NIL
09	10	35	10	10	15	0.19	7.0
10	10	20	11	10	15	0.27	10.0
11	10	20	12	09	25	0.32	11.8
12	09	30	13	10	00	0.57	21.1
13	10	05	14	10	05	0.13	4.8
14	10	10	15	10	10	0.31	11.5
15	10	15	16	10	10	0.40	14.8
16	10	15	17	09	20	0.43	15.9
17	09	25	18	10	30	0.05	1.85
18	10	35	19	10	00	0.66	24.4
19	10	05	20	10	40	0.51	18.9
20	10	45	21	10	15	0.08	3.0
21	10	20	22	10	00	0.11	4.1
22	10	05	23	10	00	NIL	NIL
23	10	05	24	09	40	0.28	10.4
24	09	50	25	09	15	0.76	28.1
25	09	20	26	09	45	0.23	8.5
26	09	50	27	09	40	0.59	21.8
27	09	45	28	09	30	0.45	16.7
28	09	35	29	09	30	0.55	20.3
29	09	35	30	10	15	0.32	11.8
30			31				
Monthly Mean:-						0.29	10.7
Maximum :-						0.76	28.1

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: SEPTEMBER

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
30	1	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
1	3	NIL	
3	5	0.07	
5	7	0.13	
7	9	NIL	
9	11	0.17	
11	13	0.36	
13	15	0.15	
15	17	NIL	
17	19	0.37	
19	21	0.08	
21	23	NIL	
23	25	0.33	
25	27	NIL	
27	29	0.42	
<del>29</del>	<del>30</del>		
Monthly Mean:-		0.14	
Maximum:-		0.42	





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

Month: OCTOBER Year: 1974

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks m Bq.
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
30	10	20	01	10	00	NIL	NIL -
01	10	05	02	09	55	0.40	14.8 -
02	10	00	03	10	20	0.21	7.8 -
03	10	25	04	10	45	0.15	5.5 -
04	10	50	05	09	30	NIL	N.L -
05	09	35	06	10	30	NIL	N.L -
06	10	35	07	09	35	NIL	N.L -
07	09	40	08	12	15	0.45	16.7 -
08	12	20	09	09	50	0.52	19.2 -
09	09	55	10	10	30	NIL	N.L -
10	10	35	11	10	10	NIL	N.L -
11	10	15	12	11	00	0.27	10.0 -
12	11	05	13	10	15	0.46	17.0 -
13	10	20	14	09	45	0.22	8.1 -
14	09	50	15	10	00	NIL	N.L -
15	10	05	16	09	45	0.44	16.3 -
16	09	50	17	09	50	0.38	14.1 -
17	09	55	18	10	35	0.22	8.1 -
18	10	40	19	10	30	NIL	NIL -
19	10	35	20	08	50	0.26	9.6 -
20	08	55	21	09	25	NIL	N.L -
21	09	30	22	09	50	NIL	N.L -
22	09	55	23	10	00	0.03	1.1 -
23	10	10	24	09	55	0.08	3.0 -
24	10	00	25	09	00	NIL	N.L -
25	09	05	26	10	35	NIL	N.L -
26	10	40	27	09	05	0.14	5.2 -
27	09	10	28	09	30	0.35	12.9 -
28	09	35	29	09	20	0.52	19.2 -
29	09	25	30	10	00	NIL	N.L -
30	10	05	31	09	20	NIL	N.L -
Monthly Mean:-						0.16	5.9
Maximum :-						0.52	19.2

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: OCTOBER Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
SEP 29TH	OCT 1ST	NIL	Collecting period 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
OCT 1ST	OCT 3RD	0.05	
OCT 3RD	OCT 5TH	0.05	
OCT 5TH	OCT 7TH	NIL	
OCT 7TH	OCT 9TH	NIL	
OCT 9TH	OCT 11TH	NIL	
OCT 11TH	OCT 13TH	0.19	
OCT 13TH	OCT 15TH	NIL	
OCT 15TH	OCT 17TH	0.29	
OCT 17TH	OCT 19TH	0.21	
OCT 19TH	OCT 21ST	NIL	
OCT 21ST	OCT 23RD	NIL	
OCT 23RD	OCT 25TH	0.11	
OCT 25TH	OCT 27TH	NIL	
OCT 27TH	OCT 29TH	0.14	
OCT 29TH	OCT 31ST	0.24	
Monthly Mean:-		0.08	
Maximum:-		0.29	

# Beta-Radioactivity of Rainwater

MONTH: OCTOBER YEAR: 1974

LOCATION OF SAMPLING POINT: LAT:  $22^{\circ} 19' N$

LONG:  $114^{\circ} 10' E$

DATE OF SAMPLING		Amount of sample	Amount of Radioactivity	Remarks
START	END	water c.c.	micro-micro curies /c.c.	
OCT 9TH	OCT 10TH	706	NIL	collecting time on 0800 HKST EACH DAY approx.
18TH	20TH	10080	NIL	
20TH	22ND	3750	NIL	
29TH	31ST	67600	0.25	

1974

Year:

NOVEMBER

Month:

(For use only in connection with the Beta-Radiation Monitoring Station)

Location of Sampling Point:

Station

1974

Date	Start Hour	End Hour	Time of Sampling		Remarks
			Min	Sec	
30					
31					
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
Monthly Mean:			0.18		
Maximum:			0.28		

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

NOV 74

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

Month: NOVEMBER

Year: 1974

Location of Sampling Point:-

Lat. 22° 19' N.

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks m Bq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	25	01	09	40	0.22	8.1 /
01	09	25	02	09	40	0.19	7.0 /
02	09	45	03	09	00	0.10	3.7 /
03	09	05	04	09	00	0.34	12.6 /
04	09	05	05	09	30	0.12	4.4 /
05	09	35	06	09	15	0.24	8.9 /
06	09	20	07	08	50	0.32	11.8 /
07	09	00	08	09	40	0.36	13.3 /
08	09	45	09	09	10	0.19	7.0 /
09	09	15	10	09	15	0.58	21.5 /
10	09	20	11	09	30	NIL	NIL /
11	09	35	12	09	00	0.26	9.6 /
12	09	05	13	09	30	0.42	15.5 /
13	09	35	14	10	10	NIL	NIL /
14	10	15	15	09	20	0.06	2.2 /
15	09	25	16	09	20	NIL	NIL /
16	08	25	17	09	40	0.13	4.8 /
17	09	45	18	09	00	NIL	NIL /
18	09	05	19	09	10	0.12	4.4 /
19	10	15	20	09	45	0.43	15.9 /
20	09	50	21	09	45	0.10	3.7 /
21	09	50	22	09	40	0.45	16.7 /
22	09	45	23	09	45	0.30	11.1 /
23	09	50	24	09	30	0.11	4.1 /
24	09	35	25	09	25	0.18	6.7 /
25	09	30	26	09	45	0.17	6.3 /
26	09	50	27	09	40	NIL	NIL /
27	09	45	28	09	45	NIL	NIL /
28	09	50	29	09	00	NIL	NIL /
29	09	05	30	09	15	0.11	4.1 /
30			31				
Monthly Mean:-						0.18	6.7
Maximum :-						0.58	21.5

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: NOVEMBER

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
31	02	0.09	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02	04	0.29	
04	06	0.11	
06	09	0.14	
08	10	0.25	
10	12	0.08	
12	14	MIL	
14	16	MIL	
16	18	MIL	
18	20	MIL	
20	22	0.06	
22	24	MIL	
24	26	0.09	
26	28	0.07	
28	30	0.35	
Monthly Mean:-		0.10	
Maximum:-		0.35	



Month: DECEMBER Year: 1974

Lat. 22° 19' N Long. 114° 10' E

Date	Hour	Wind Dir.	Wind Speed	Time of Sampling	Radioactivity	
					PCW of air	Amount
29	08	01	05	01	0.0	0.0
01	08	02	05	02	0.0	0.0
02	10	03	05	03	0.0	0.0
03	10	04	05	04	0.0	0.0
04	10	05	05	05	0.0	0.0
05	10	06	05	06	0.0	0.0
06	10	07	05	07	0.0	0.0
07	10	08	05	08	0.0	0.0
08	08	09	05	09	0.0	0.0
09	08	10	05	10	0.0	0.0
10	08	11	05	11	0.0	0.0
11	08	12	05	12	0.0	0.0
12	08	13	05	13	0.0	0.0
13	08	14	05	14	0.0	0.0
14	08	15	05	15	0.0	0.0
15	08	16	05	16	0.0	0.0
16	08	17	05	17	0.0	0.0
17	08	18	05	18	0.0	0.0
18	08	19	05	19	0.0	0.0
19	08	20	05	20	0.0	0.0
20	08	21	05	21	0.0	0.0
21	08	22	05	22	0.0	0.0
22	08	23	05	23	0.0	0.0
23	08	24	05	24	0.0	0.0
24	08	25	05	25	0.0	0.0
25	08	26	05	26	0.0	0.0
26	08	27	05	27	0.0	0.0
27	08	28	05	28	0.0	0.0
28	08	29	05	29	0.0	0.0
29	08	30	05	30	0.0	0.0
30	08	31	05	31	0.0	0.0

# RADIOACTIVITY BULLETIN

## ROYAL OBSERVATORY

### HONG KONG

DEC 74

Monthly Mean: 0.0  
 Maximum: 0.0  
 Minimum: 0.0

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

Month: DECEMBER

Year: 1974

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of Radioactivity pCi/m <sup>3</sup> of air	Remarks mBq
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
30	01	20	01	01	40	NIL	NIL
01	01	45	02	10	25	NIL	NIL
02	10	30	03	10	15	NIL	NIL
03	10	20	04	09	30	0.70	25.9
04	01	35	05	10	15	0.06	2.2
05	10	20	06	01	10	NIL	NIL
06	01	15	07	10	00	NIL	NIL
07	10	05	08	08	15	NIL	NIL
08	08	20	09	01	30	NIL	NIL
09	01	35	10	01	45	NIL	NIL
10	01	50	11	10	40	NIL	NIL
11	10	45	12	01	20	NIL	NIL
12	01	25	13	01	15	NIL	NIL
13	01	20	14	01	10	NIL	NIL
14	01	15	15	01	40	NIL	NIL
15	01	45	16	01	45	NIL	NIL
16	01	50	17	01	50	NIL	NIL
17	09	55	18	01	45	NIL	NIL
18	01	50	19	01	35	NIL	NIL
19	01	40	20	09	40	NIL	NIL
20	01	45	21	01	45	NIL	NIL
21	01	50	22	10	10	NIL	NIL
22	10	15	23	01	10	0.42	15.5
23	01	15	24	01	35	NIL	NIL
24	01	40	25	01	40	0.28	10.4
25	01	45	26	08	30	NIL	NIL
26	08	35	27	01	20	0.04	1.5
27	01	25	28	01	30	NIL	NIL
28	01	35	29	01	00	0.24	8.9
29	01	10	30	01	30	NIL	NIL
30	01	35	31	10	20	NIL	NIL
Monthly Mean:-						0.06	2.2
Maximum :-						0.70	25.9

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: DECEMBER

Year: 1974

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km <sup>2</sup>	Remarks
Start	End		
30	02	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
02	04	NIL	
04	06	0.01	
06	08	NIL	
08	10	NIL	
10	12	NIL	
12	14	NIL	
14	16	NIL	
16	18	NIL	
18	20	0.18	
20	22	NIL	
22	24	NIL	
24	26	NIL	
26	28	NIL	
28	30	NIL	
Monthly Mean:-		0.01	
Maximum:-		0.18	

