

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

Month: JANUARYYear: 1978Lat. 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.		
31	09	05	01	09	35	0.01	
01	09	40	02	09	30	NIL	
02	09	35	03	09	15	NIL	
03	09	20	04	09	45	0.05	
04	09	50	05	09	10	0.34	
05	09	15	06	08	55	0.04	
06	09	00	07	09	30	0.26	
07	09	35	08	08	40	0.14	
08	08	45	09	09	15	0.07	
09	09	20	10	09	20	0.02	
10	09	25	11	09	25	0.08	
11	09	35	12	09	00	0.09	
12	09	05	13	09	20	0.22	
13	09	25	14	09	10	0.18	
14	09	15	15	08	45	NIL	
15	08	50	16	09	05	0.07	
16	09	10	17	09	00	0.12	
17	09	05	18	09	15	0.04	
18	09	20	19	09	00	NIL	
19	09	05	20	08	50	0.19	
20	08	55	21	09	30	NIL	
21	09	35	22	09	25	0.36	
22	09	30	23	08	25	0.14	
23	08	30	24	08	55	0.31	
24	09	00	25	08	55	0.38	
25	09	00	26	09	25	NIL	
26	09	30	27	09	00	0.88	
27	09	05	28	09	10	0.29	
28	09	15	29	09	20	NIL	
29	09	25	30	09	00	NIL	
30	09	05	31	09	00	0.14	
Monthly Mean:-						0.143	
Maximum :-						0.88	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : JANYear : 1978Location 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	0.01	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
01	03	NIL	
03	05	0.08	
05	07	NIL	
07	09	NIL	
09	11	NIL	
11	13	0.08	
13	15	NIL	
15	17	0.07	
17	19	0.03	
19	21	NIL	
21	23	0.12	
23	25	NIL	
25	27	0.07	
27	29	0.02	
29	31	NIL	
Monthly Mean :-		0.03	
Maximum :-		0.12	

Month: FEB Year: 1978
Location of Sampling Point: Lat. 22° 19' N, Long. 114° 10' E
(The date (yr) notified later isktivoided-ated)

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

FEB 70

DATE	HOUR	MIN.	Date	Hour	Min.	Time of Sampling		Remarks
						Start	End	
						Radioactivity	Amount of	
						PCU/m ³ of air	of	
31	07	01						
01	09							
02	09							
03	09							
04	09							
05	09							
06	09							
07	09							
08	09							
09	09							
10	09							
11	09							
12	09							
13	09							
14	09							
15	09							
16	09							
17	09							
18	09							
19	09							
20	09							
21	09							
22	09							
23	09							
24	09							
25	09							
26	09							
27	09							
28	09							
29	09							
30	09							
31	09							
Monthly Mean						0.18		
Maximum						0.89		

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

Month: FEBYear: 1978Lat. 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.		
31	09	05	01	09	20	NIL	
01	09	25	02	09	00	0.10	
02	09	05	03	09	30	0.49	
03	09	35	04	09	15	0.35	
04	09	20	05	09	35	0.10	
05	09	40	06	09	20	0.17	
06	09	25	07	09	00	0.25	
07	09	05	08	09	50	NIL	
08	09	55	09	09	10	0.09	
09	09	15	10	09	10	NIL	
10	09	05	11	09	10	0.09	
11	09	15	12	08	30	NIL	
12	08	35	13	09	30	0.30	
13	09	35	14	09	10	NIL	
14	09	15	15	08	45	0.01	
15	08	50	16	09	25	NIL	
16	09	30	17	09	00	NIL	
17	09	05	18	09	05	0.48	
18	09	10	19	09	20	0.01	
19	09	25	20	08	45	0.65	
20	08	50	21	08	45	0.19	
21	08	50	22	09	30	NIL	
22	09	35	23	09	10	0.75	
23	09	15	24	09	15	NIL	
24	09	20	25	09	10	NIL	
25	09	15	26	09	00	NIL	
26	09	05	27	09	10	0.89	
27	09	15	28	09	10	0.04	
28			29				
29			30				
30			31				
Monthly Mean:-						0.18	
Maximum :-						0.89	

Month: MAR 1970 Year: 1970

Location of Sampling Point: 10° 10' N, 115° 10' E
 (Lat. 10° 10' N, Long. 115° 10' E)

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

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

MAR 70

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

Month: MAR

Year: 1978

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.		
28	09	15	01	08	40	0.11	
01	08	45	02	08	45	NIL	
02	08	50	03	09	55	NIL	
03	10	00	04	09	15	0.28	
04	09	20	05	09	20	NIL	
05	09	25	06	08	45	NIL	
06	08	50	07	09	30	NIL	
07	09	35	08	09	10	NIL	
08	09	15	09	08	30	0.59	
09	08	35	10	09	00	0.91	
10	09	05	11	09	15	NIL	
11	09	20	12	09	40	0.60	
12	09	45	13	09	15	NIL	
13	09	20	14	09	00	0.52	
14	09	05	15	09	15	0.11	
15	09	20	16	09	15	0.28	
16	09	20	17	10	00	0.25	
17	10	05	18	09	20	0.78	
18	09	25	19	08	50	0.29	
19	08	55	20	09	30	NIL	
20	09	35	21	10	30	NIL	
21	10	35	22	08	55	NIL	
22	09	00	23	08	50	NIL	
23	08	55	24	08	45	1.78	
24	08	50	25	09	30	1.14	
25	09	35	26	09	20	NIL	
26	09	25	27	08	40	NIL	
27	08	45	28	09	05	0.41	
28	09	10	29	09	40	NIL	
29	09	45	30	09	00	0.66	
30	09	05	31	09	15	NIL	
Monthly Mean:-						0.28	
Maximum :-						1.78	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : MAR Year : 1978Location of Sampling Point :- Lat. 22° 19' N.Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
FEB 28	MAR 02	NIL	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
MAR 02	" 04	0.08	
" 04	" 06	0.20	
" 06	" 08	0.08	
" 08	" 10	0.08	
" 10	" 12	0.12	
" 12	" 14	0.11	
" 14	" 16	NIL	
" 16	" 18	0.23	
" 18	" 20	NIL	
" 20	" 22	NIL	
" 22	" 24	0.20	
" 24	" 26	NIL	
" 26	" 28	NIL	
" 28	" 30	NIL	
Monthly Mean :-		0.07	
Maximum :-		0.23	

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

Month: April Year: 1978

Month: April Year: 1978

Location of Sampling Point: 22° 19' N, 113° 10' E

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

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

APR 78

Maximum :-	1.49
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Beta-Radioactivity of Airborne Dust Near the Earth's Surface

Month: APRILYear: 1978Lat. 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.		
31	09	20	01	09	10	NIL	
01	09	15	02	09	20	NIL	
02	09	25	03	09	30	0.63	
03	09	35	04	09	10	1.49	
04	09	15	05	08	40	1.24	
05	08	45	06	09	10	0.71	
06	09	15	07	08	40	0.72	
07	08	45	08	09	00	NIL	
08	09	05	09	09	05	NIL	
09	09	10	10	09	20	NIL	
10	09	25	11	08	40	NIL	
11	08	45	12	09	00	NIL	
12	09	05	13	08	50	NIL	
13	08	55	14	09	05	NIL	
14	09	10	15	08	45	0.19	
15	08	50	16	09	00	NIL	
16	09	05	17	08	40	NIL	
17	08	45	18	09	35	NIL	
18	09	40	19	09	45	NIL	
19	09	50	20	09	00	NIL	
20	09	05	21	09	30	0.06	
21	09	35	22	09	00	0.04	
22	09	05	23	09	15	0.12	
23	09	20	24	09	10	NIL	
24	09	15	25	08	30	NIL	
25	08	35	26	09	15	NIL	
26	09	20	27	09	15	0.22	
27	09	20	28	09	15	0.52	
28	09	20	29	09	25	0.10	
29	09	30	30	09	05	0.03	
30			31				
Monthly Mean:-						0.20	
Maximum :-						1.49	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: APRIL

Year: 1978

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. ST. Time to 0800 H.K. St. Time approx.
01	03	0.18	
03	05	0.07	
05	07	NIL	
07	09	NIL	
09	11	NIL	
11	13	NIL	
13	15	NIL	
15	17	0.19	
17	19	0.05	
19	21	NIL	
21	23	NIL	
23	25	NIL	
25	27	NIL	
27	29	0.22	
Monthly Mean:--		0.05	
Maximum:--		0.22	

Date-Radiocitivity of total Deposition (Dry and Wet) (Date and Time of collection of Rainwater)

Month: May Year: 1978 Month: _____

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

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

MAY 78

Date of Sampling	Remarks	Start	End
01-05-78	NIL		
02-05-78	NIL		
03-05-78	NIL		
04-05-78	NIL		
05-05-78	NIL		
06-05-78	NIL		
07-05-78	NIL		
08-05-78	NIL		
09-05-78	NIL		
10-05-78	NIL		
11-05-78	NIL		
12-05-78	NIL		
13-05-78	NIL		
14-05-78	NIL		
15-05-78	NIL		
16-05-78	NIL		
17-05-78	NIL		
18-05-78	NIL		
19-05-78	NIL		
20-05-78	NIL		
21-05-78	NIL		
22-05-78	NIL		
23-05-78	NIL		
24-05-78	NIL		
25-05-78	NIL		
26-05-78	NIL		
27-05-78	NIL		
28-05-78	NIL		
29-05-78	NIL		
30-05-78	NIL		
31-05-78	NIL		
Monthly Mean:	0.09		
Maximum:	0.13		

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: MAY Year: 1978

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
010900	030900	0.22	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
030900	050900	NIL	
050900	070900	NIL	
070900	090900	0.25	
090900	110900	NIL	
110900	130900	NIL	
130900	150900	NIL	
150900	170900	0.72	
170900	190900	0.12	
190900	210900	NIL	
210900	230900	NIL	
230900	250900	0.09	
250900	270900	0.02	
270900	290900	NIL	
290900	310900	NIL	
Monthly Mean:-		0.09	
Maximum:-		0.72	

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

Month: MAYYear: 1978Lat. 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.		
30	09	10	01	10	05	NIL	
01	10	10	02	09	00	0.03	
02	09	05	03	08	55	NIL	
03	09	00	04	09	00	NIL	
04	09	05	05	09	25	NIL	
05	09	30	06	08	25	0.06	
06	08	30	07	09	05	0.04	
07	09	10	08	08	40	NIL	
08	08	45	09	08	45	0.11	
09	08	50	10	09	40	NIL	
10	09	45	11	09	05	0.25	
11	09	10	12	08	45	NIL	
12	08	50	13	09	00	0.08	
13	09	05	14	09	50	0.29	
14	09	55	15	08	40	0.07	
15	08	45	16	09	20	NIL	
16	09	25	17	08	40	0.59	
17	08	45	18	09	15	NIL	
18	09	20	19	08	40	0.17	
19	08	45	20	09	30	0.09	
20	09	35	21	09	00	NIL	
21	09	05	22	09	00	NIL	
22	09	05	23	08	25	0.06	
23	08	30	24	09	55	NIL	
24	10	00	25	09	50	NIL	
25	09	55	26	09	05	NIL	
26	09	10	27	08	45	NIL	
27	08	50	28	09	20	0.16	
28	09	25	29	08	25	NIL	
29	08	30	30	09	40	NIL	
30	09	45	31	08	45	0.15	
Monthly Mean:-						0.07	
Maximum :-						0.59	

Month: June Year: 1978
Location of Sampling Station: Royal Observatory, Hong Kong
Lat. 22° 19' N Long. 114° 10' E

Date	Hour	Min.	Time of Sampling		Remarks
			Start	Stop	
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					
31					

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JUN 78

Monthly Mean: 0.095

Maximum: 0.72

Monthly Mean: 0.095

Maximum: 0.72

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

Month: JUNEYear: 1978Lat. 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.		
51	08	60	01	09	00	0.16	PLUMP US
01	09	00	02	08	60	0.39	ATTN 11678
02	08	55	03	09	30	0.29	
03	09	35	04	09	30	NIL	
04	09	35	05	08	50	0.01	
05	08	55	06	09	35	NIL	
06	09	40	07	08	30	NIL	
07	08	35	08	09	15	0.16	
08	09	30	09	09	10	0.16	
09	08	15	10	09	15	NIL	
10	09	30	11	09	10	0.14	
11	09	15	12	09	30	0.06	
12	09	35	13	09	05	NIL	
13	09	10	14	09	15	NIL	
14	09	30	15	09	00	NIL	
15	09	05	16	09	00	0.39	
16	09	05	17	10	05	NIL	
17	10	10	18	09	15	NIL	
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				
Monthly Mean:-						0.09	
Maximum :-						0.39	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: JUNE Year: 1978

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
1	2	0.72	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
2	4	NIL	
4	6	NIL	
6	8	NIL	
8	10	0.04	
10	12	0.12	
12	14	0.03	
14	16	0.03	
16	18	0.18	
18	20	0.21	
20	22	NIL	
22	24	NIL	
24	26	0.03	
26	28	NIL	
28	30	0.06	
Monthly Mean:-		0.095	
Maximum:-		0.72	

Month: Jul Year: 1978

Lat. 22° 19' N

Location of Sampling Point:-

Location of Sampling Point (Dry and Wet) Royal Observatory

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

JUL 78

Date	Hour	Radioactivity (Bq)	Remarks
01	00	0.00	
02	00	0.00	
03	00	0.00	
04	00	0.00	
05	00	0.00	
06	00	0.00	
07	00	0.00	
08	00	0.00	
09	00	0.00	
10	00	0.00	
11	00	0.00	
12	00	0.00	
13	00	0.00	
14	00	0.00	
15	00	0.00	
16	00	0.00	
17	00	0.00	
18	00	0.00	
19	00	0.00	
20	00	0.00	
21	00	0.00	
22	00	0.00	
23	00	0.00	
24	00	0.00	
25	00	0.00	
26	00	0.00	
27	00	0.00	sample torn by strong wind
28	00	0.00	
29	00	0.00	
30	00	0.00	
31	00	0.00	
Monthly Mean:-		0.14	
Maximum:-		0.26	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month: Jul

Year: 1978

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks
Start	End		
300900	020900	NIL	Collecting period. 48 hours from 0800 H.K. ST. Time to 0800 H.K. St. Time approx.
020900	040900	NIL	
040900	060900	0.15	
060900	080900	NIL	
080900	100900	NIL	
100900	120900	NIL	
120900	140900	0.01	
140900	160900	0.19	
160900	180900	NIL	
180900	200900	NIL	
200900	220900	0.12	
220900	240900	0.02	
240900	260900	0.21	
260900	280900	NIL	
280900	300900	NIL	
Monthly Mean:-		0.05	
Maximum:-		0.21	

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

Month: July

Year: 1978

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.		
			01				
01			02				
02			03				
03			04				
04	15	30	05	09	55	0.34	
05	10	00	06	09	15	0.36	
06	09	20	07	07	30	NIL	
07	09	35	08	08	20	0.07	
08	08	25	09	09	20	0.07	
09	09	25	10	09	00	0.11	
10	09	05	11	08	55	0.31	
11	09	00	12	10	00	NIL	
12	10	05	13	09	00	NIL	
13	09	05	14	08	55	0.25	
14	08	55	15	09	05	NIL	
15	09	10	16	09	05	0.05	
16	09	10	17	09	00	0.11	
17	09	05	18	09	40	NIL	
18	09	45	19	09	15	NIL	
19	09	20	20	09	45	0.27	
20	09	50	21	08	55	NIL	
21	08	55	22	08	45	0.31	
22	08	50	23	09	00	0.21	
23	09	05	24	09	30	0.23	
24	09	35	25	09	35	0.33	
25	09	40	26	09	15	0.29	
26	09	20	27	09	25	sample torn	by strong wind
27	09	30	28	09	45	NIL	
28	09	50	29	08	55	0.02	
29	09	00	30	09	15	0.21	
30	09	20	31	09	20	0.04	
Monthly Mean:-						0.14	
Maximum :-						0.36	

Month: August 1978

Location of Sampling Point: 197° 22' N, 114° 15' E

Station: 197° 22' N, 114° 15' E

Date	Hour	Min.	Date	Hour	Min.	Amount of Radioactivity (dpm/g)	Remarks
01	00	00	01	00	00		
02	00	00	02	00	00		
03	00	00	03	00	00		
04	00	00	04	00	00		
05	00	00	05	00	00		
06	00	00	06	00	00		
07	00	00	07	00	00		
08	00	00	08	00	00		
09	00	00	09	00	00		
10	00	00	10	00	00		
11	00	00	11	00	00		
12	00	00	12	00	00		
13	00	00	13	00	00		
14	00	00	14	00	00		
15	00	00	15	00	00		
16	00	00	16	00	00		
17	00	00	17	00	00		
18	00	00	18	00	00		
19	00	00	19	00	00		
20	00	00	20	00	00		
21	00	00	21	00	00		
22	00	00	22	00	00		
23	00	00	23	00	00		
24	00	00	24	00	00		
25	00	00	25	00	00		
26	00	00	26	00	00		
27	00	00	27	00	00		
28	00	00	28	00	00		
29	00	00	29	00	00		
30	00	00	30	00	00		
31	00	00	31	00	00		
Monthly Mean: 0.0							
Maximum: 0.2							

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

AUG 78

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

Month: AUGUST

Year: 1978

Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.P.C. (X37.0) = mBq

Time of Sampling						Amount of Radioactivity pCi/m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	25	01	09	40	0.39	14.43
01	09	45	02	09	25	0.13	4.81
02	09	30	03	09	25	NIL	-
03	09	30	04	08	30	NIL	-
04	08	35	05	09	10	0.23	8.51
05	09	15	06	09	05	NIL	-
06	09	10	07	09	00	NIL	-
07	09	05	08	09	00	0.35	12.95
08	09	05	09	09	35	0.02	0.74
09	09	40	10	09	00	NIL	-
10	09	05	11	09	00	NIL	-
11	09	05	12	08	45	NIL	-
12	08	50	13	09	50	0.06	2.22
13	09	55	14	08	55	0.03	1.11
14	09	00	15	10	00	NIL	-
15	10	05	16	09	25	0.17	6.29
16	09	30	17	09	30	NIL	-
17	09	35	18	09	30	NIL	-
18	09	35	19	09	10	NIL	-
19	09	15	20	09	10	NIL	-
20	09	15	21	09	10	NIL	-
21	09	15	22	09	10	NIL	-
22	09	15	23	09	25	NIL	-
23	09	30	24	09	30	0.13	4.81
24	09	35	25	09	15	0.01	0.37
25	09	20	26	10	00	0.17	6.29
26	10	05	27	09	25	NIL	-
27	09	40	28	09	10	NIL	-
28	09	15	29	09	10	NIL	-
29	09	15	30	09	45	NIL	-
30	09	50	31	09	35	0.27	9.99
Monthly Mean:-						0.06	
Maximum :-						0.39	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : AUGUST Year : 1978Location 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	0.09	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
01	03	NIL	
03	05	0.03	
05	07	NIL	
07	09	0.12	
09	11	NIL	
11	13	NIL	
13	15	0.36	
15	17	NIL	
17	19	NIL	
19	21	NIL	
21	23	NIL	
23	25	NIL	
25	27	NIL	
27	29	0.02	
29	31	NIL	
Monthly Mean :-		0.04	
Maximum :-		0.36	

Month: SEP Year: 1978
Location of Sampling Point: -
Month: SEP Year: 1978

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

SEP 78

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

Monthly Mean: -
Maximum: -

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

Month: SEPYear: 1978Lat. 22° 19' N.

Location of Sampling Point:-

Long. 114° 10' E.

Time of Sampling						Amount of mBq PC-1 /m ³ of air	Remarks
Start			End				
Date	Hour	Min.	Date	Hour	Min.		
31	09	40	01	09	25	NIL = 0	
01	09	30	02	09	35	3.3	
02	09	40	03	09	30	20.4	
03	09	35	04	09	00	1.5	
04	09	05	05	09	10	NIL	
05	09	15	06	09	30	10.4	
06	09	35	07	09	10	NIL	
07	09	15	08	09	10	NIL	
08	09	15	09	09	10	3.3	
09	09	15	10	09	30	2.6	
10	09	35	11	09	10	4.1	
11	09	15	12	10	05	4.1	
12	10	10	13	09	15	5.2	
13	09	20	14	09	55	1.5	
14	10	00	15	09	50	NIL	
15	09	55	16	09	30	13.3	
16	09	35	17	09	00	NIL	
17	09	05	18	09	45	NIL	
18	09	50	19	09	10	NIL	
19	09	15	20	09	00	NIL	
20	09	00	21	09	40	NIL	
21	09	45	22	09	10	NIL	
22	09	15	23	10	00	1.9	
23	10	05	24	09	45	NIL	
24	09	50	25	09	15	NIL	
25	09	20	26	09	10	25.9	
26	09	15	27	10	15	8.1	
27	10	20	28	09	00	NIL	
28	09	05	29	09	00	1.9	
29	09	05	30	09	55	NIL	
30			31				
Monthly Mean:-						3.6	
Maximum :-						25.9	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : SEP Year : 1978

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity MBq mCi/Km ²	Remarks
Start	End		
31	02	5.2	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
02	04	NIL	
04	06	5.6	
06	08	NIL	
08	10	5.6	
10	12	4.4	
12	14	NIL	
14	16	1.9	
16	18	NIL	
18	20	NIL	
20	22	NIL	
22	24	NIL	
24	26	NIL	
26	28	NIL	
28	30	NIL	
Monthly Mean :-		1.5	
Maximum :-		5.6	

Month: October 1978

Location of Sampling Point: 22° 47' N, 114° 19' E

Station: Royal Observatory, Hong Kong

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

OCT 78

Date	Hour	Min.	Time of Sampling		Remarks
			Start	End	
30	10	00	01	10	
29	09	00	01	10	
28	08	00	01	10	
27	07	00	01	10	
26	06	00	01	10	
25	05	00	01	10	
24	04	00	01	10	
23	03	00	01	10	
22	02	00	01	10	
21	01	00	01	10	
20	00	00	01	10	
19	23	00	01	10	
18	22	00	01	10	
17	21	00	01	10	
16	20	00	01	10	
15	19	00	01	10	
14	18	00	01	10	
13	17	00	01	10	
12	16	00	01	10	
11	15	00	01	10	
10	14	00	01	10	
09	13	00	01	10	
08	12	00	01	10	
07	11	00	01	10	
06	10	00	01	10	
05	09	00	01	10	
04	08	00	01	10	
03	07	00	01	10	
02	06	00	01	10	
01	05	00	01	10	
30	04	00	01	10	
29	03	00	01	10	
28	02	00	01	10	
27	01	00	01	10	
26	00	00	01	10	
25	23	00	01	10	
24	22	00	01	10	
23	21	00	01	10	
22	20	00	01	10	
21	19	00	01	10	
20	18	00	01	10	
19	17	00	01	10	
18	16	00	01	10	
17	15	00	01	10	
16	14	00	01	10	
15	13	00	01	10	
14	12	00	01	10	
13	11	00	01	10	
12	10	00	01	10	
11	09	00	01	10	
10	08	00	01	10	
09	07	00	01	10	
08	06	00	01	10	
07	05	00	01	10	
06	04	00	01	10	
05	03	00	01	10	
04	02	00	01	10	
03	01	00	01	10	
02	00	00	01	10	
01	23	00	01	10	
30	22	00	01	10	
29	21	00	01	10	
28	20	00	01	10	
27	19	00	01	10	
26	18	00	01	10	
25	17	00	01	10	
24	16	00	01	10	
23	15	00	01	10	
22	14	00	01	10	
21	13	00	01	10	
20	12	00	01	10	
19	11	00	01	10	
18	10	00	01	10	
17	09	00	01	10	
16	08	00	01	10	
15	07	00	01	10	
14	06	00	01	10	
13	05	00	01	10	
12	04	00	01	10	
11	03	00	01	10	
10	02	00	01	10	
09	01	00	01	10	
08	00	00	01	10	
07	23	00	01	10	
06	22	00	01	10	
05	21	00	01	10	
04	20	00	01	10	
03	19	00	01	10	
02	18	00	01	10	
01	17	00	01	10	
30	16	00	01	10	
29	15	00	01	10	
28	14	00	01	10	
27	13	00	01	10	
26	12	00	01	10	
25	11	00	01	10	
24	10	00	01	10	
23	09	00	01	10	
22	08	00	01	10	
21	07	00	01	10	
20	06	00	01	10	
19	05	00	01	10	
18	04	00	01	10	
17	03	00	01	10	
16	02	00	01	10	
15	01	00	01	10	
14	00	00	01	10	
13	23	00	01	10	
12	22	00	01	10	
11	21	00	01	10	
10	20	00	01	10	
09	19	00	01	10	
08	18	00	01	10	
07	17	00	01	10	
06	16	00	01	10	
05	15	00	01	10	
04	14	00	01	10	
03	13	00	01	10	
02	12	00	01	10	
01	11	00	01	10	
30	10	00	01	10	
29	09	00	01	10	
28	08	00	01	10	
27	07	00	01	10	
26	06	00	01	10	
25	05	00	01	10	
24	04	00	01	10	
23	03	00	01	10	
22	02	00	01	10	
21	01	00	01	10	
20	00	00	01	10	
19	23	00	01	10	
18	22	00	01	10	
17	21	00	01	10	
16	20	00	01	10	
15	19	00	01	10	
14	18	00	01	10	
13	17	00	01	10	
12	16	00	01	10	
11	15	00	01	10	
10	14	00	01	10	
09	13	00	01	10	
08	12	00	01	10	
07	11	00	01	10	
06	10	00	01	10	
05	09	00	01	10	
04	08	00	01	10	
03	07	00	01	10	
02	06	00	01	10	
01	05	00	01	10	
30	04	00	01	10	
29	03	00	01	10	
28	02	00	01	10	
27	01	00	01	10	
26	00	00	01	10	
25	23	00	01	10	
24	22	00	01	10	
23	21	00	01	10	
22	20	00	01	10	
21	19	00	01	10	
20	18	00	01	10	
19	17	00	01	10	
18	16	00	01	10	
17	15	00	01	10	
16	14	00	01	10	
15	13	00	01	10	
14	12	00	01	10	
13	11	00	01	10	
12	10	00	01	10	
11	09	00	01	10	
10	08	00	01	10	
09	07	00	01	10	
08	06	00	01	10	
07	05	00	01	10	
06	04	00	01	10	
05	03	00	01	10	
04	02	00	01	10	
03	01	00	01	10	
02	00	00	01	10	
01	23	00	01	10	
30	22	00	01	10	
29	21	00	01	10	
28	20	00	01	10	
27	19	00	01	10	
26	18	00	01	10	
25	17	00	01	10	
24	16	00	01	10	
23	15	00	01	10	
22	14	00	01	10	
21	13	00	01	10	
20	12	00	01	10	
19	11	00	01	10	
18	10	00	01	10	
17	09	00	01	10	
16	08	00	01	10	
15	07	00	01	10	
14	06	00	01	10	
13	05	00	01	10	
12	04	00	01	10	
11	03	00	01	10	
10	02	00	01	10	
09	01	00	01	10	
08	00	00	01	10	
07	23	00	01	10	
06	22	00	01	10	
05	21	00	01	10	
04	20	00	01	10	
03	19	00	01	10	
02	18	00	01	10	
01	17	00	01	10	
30	16	00	01	10	
29	15	00	01	10	
28	14	00	01	10	
27	13	00	01	10	
26	12	00	01	10	
25	11	00	01	10	
24	10	00	01	10	
23	09	00	01	10	
22	08	00	01	10	
21	07	00	01	10	
20	06	00	01	10	
19	05	00	01	10	
18	04	00	01	10	
17	03	00	01	10	
16	02	00	01	10	
15	01	00	01	10	
14	00	00	01	10	
13	23	00	01	10	
12	22	00	01	10	
11	21	00	01	10	
10	20	00	01	10	
09	19	00	01	10	
08	18	00	01	10	
07	17	00	01	10	
06	16	00	01	10	
05	15	00	01	10	
04	14	00	01	10	
03	13	00	01	10	
02	12	00	01	10	
01	11	00	01	10	
30	10	00	01	10	
29	09	00	01	10	
28	08	00	01	10	
27	07	00	01	10	
26	06	00	01	10	
25	05	00	01	10	
24	04	00	01	10	
23	03	00	01	10	
22	02	00	01	10	
21	01	00	01	10	
20	00	00	01	10	
19	23	00	01	10	
18	22	00	01	10	
17	21	00	01	10	
16	20	00	01	10	
15	19	00	01	10	
14	18	00	01	10	
13	17	00	01	10	
12	16	00	01	10	
11	15	00	01	10	
10	14	00	01	10	
09	13	00	01	10	
08	12	00	01	10	
07	11	00	01	10	
06	10	00	01	10	
05	09	00	01	10	
04	08	00	01	10	
03	07	00	01	10	
02	06	00	01	10	
01	05	00	01	10	
30	0				

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

Month: ~~Nov~~ Oct

Year: 1978

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.		
30	10	00	01	09	10	NiL	
01	09	15	02	08	55	NiL	
02	09	00	03	09	30	0.84	31.1
03	09	35	04	09	00	0.14	5.2
04	09	05	05	09	00	NiL	
05	09	05	06	09	35	NiL	
06	09	40	07	09	05	NiL	
07	09	10	08	09	10	0.14	5.2
08	09	15	09	09	10	NiL	
09	09	15	10	09	15	NiL	
10	09	15	11	09	00	0.15	5.5
11	09	05	12	09	10	NiL	
12	09	15	13	09	05	NiL	
13	09	10	14	09	10	0.30	11.1
14	09	15	15	09	10	NiL	
15	09	15	16	09	10	0.05	1.9
16	09	15	17	09	10	NiL	
17	09	15	18	09	30	NiL	
18	09	35	19	09	30	NiL	
19	09	35	20	09	25	NiL	
20	09	30	21	09	20	NiL	
21	09	25	22	09	30	NiL	
22	09	35	23	09	15	NiL	
23	09	20	24	09	15	NiL	
24	09	20	25	09	10	0.02	0.7
25	09	15	26	09	05	NiL	
26	09	10	27	09	00	NiL	
27	09	05	28	09	05	NiL	
28	09	10	29	10	40	0.15	5.5
29	10	45	30	09	10	NiL	
30	09	15	31	09	55	0.33	12.2
Monthly Mean:-						0.068	2.5
Maximum :-						0.84	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : Oct Year : 1978

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

Long. 114° 10' E.

Date of Sampling		Amount of Radioactivity mCi/Km ²	Remarks	
Start	End			
300900	020900	Nil	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.	
020900	040900	Nil		
040900	060900	Nil		
060900	080900	Nil		
080900	100900	Nil		
100900	120900	Nil		
120900	140900	0.24		
140900	160900	0.05		
160900	180900	Nil		
180900	200900	Nil		
200900	220900	0.02		
220900	240900	Nil		
240900	260900	Nil		
260900	280900	0.1		
280900	300900	Nil		
300900	010900	Nil		
Monthly Mean :-		0.075		
Maximum :-		0.24		

Month: Nov Year: 1978

Location of Sampling Point: ...
Date of Sampling: ...

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

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

Nov 78

Maximum: 0.25
 Monthly Mean: 0.08

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

Month: NOV.Year: 1978Lat. 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.		
31	10	00	01	09	45	NIL	0
01	09	50	02	09	15	NIL	
02	09	20	03	09	10	NIL	
03	09	15	04	09	25	0.07	2.6
04	09	30	05	09	00	NIL	
05	09	05	06	09	15	0.13	4.8
06	09	20	07	09	55	0.07	2.6
07	10	00	08	09	15	NIL	
08	09	20	09	09	00	NIL	
09	09	15	10	09	40	NIL	
10	09	45	11	09	10	NIL	
11	09	15	12	09	05	NIL	
12	09	10	13	09	25	0.07	2.6
13	09	30	14	09	10	0.41	15.2
14	09	15	15	09	30	0.10	3.7
15	09	35	16	10	15	0.07	2.6
16	10	20	17	09	30	NIL	
17	09	35	18	09	00	NIL	
18	09	05	19	09	10	NIL	
19	09	15	20	09	05	0.21	7.8
20	09	10	21	09	00	NIL	
21	09	05	22	09	10	NIL	
22	09	15	23	09	20	NIL	
23	09	25	24	09	15	0.05	1.9
24	09	20	25	09	40	NIL	
25	09	45	26	09	00	NIL	
26	09	05	27	09	05	NIL	
27	09	10	28	10	00	NIL	
28	10	05	29	09	05	0.44	16.3
29	09	10	30	09	20	0.75	27.7
30	09	25	30 1/12			NIL	
Monthly Mean:-						0.08	
Maximum :-						0.75	

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : NOV. Year : 1978Location 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	NIL	
05	07	0.03	
07	09	0.12	
09	11	NIL	
11	13	NIL	
13	15	0.02	
15	17	NIL	
19	19	0.04	
19	21	0.13	
21	23	NIL	
23	25	NIL	
25	27	NIL	
27	29	0.01	
29			
Monthly Mean :-		0.02	
Maximum :-		0.13	

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

Month: DECEMBER 1978

Location of Sampling Point: ROYAL OBSERVATORY HONG KONG

Time of Sampling (Start to End)			Amount of Radioactivity		Remarks
Date	Hour	Min.	Date	Hour	Min.
30	09	25	01	09	30
01	09	35	02	09	00
02	09	45	03	09	10
03	09	55	04	09	20
04	09	05	05	09	30
05	09	15	06	09	40
06	09	25	07	09	50
07	09	35	08	09	00
08	09	45	09	09	10
09	09	55	10	09	20
10	09	05	11	09	30
11	09	15	12	09	40
12	09	25	13	09	50
13	09	35	14	09	00
14	09	45	15	09	10
15	09	55	16	09	20
16	09	05	17	09	30
17	09	15	18	09	40
18	09	25	19	09	50
19	09	35	20	09	00
20	09	45	21	09	10
21	09	55	22	09	20
22	09	05	23	09	30
23	09	15	24	09	40
24	09	25	25	09	50
25	09	35	26	09	00
26	09	45	27	09	10
27	09	55	28	09	20
28	09	05	29	09	30
29	09	15	30	09	40
30	09	25	31	09	50
Monthly Mean:-					0.21
Maximum :-					1.01

RADIOACTIVITY BULLETIN

ROYAL OBSERVATORY

HONG KONG

DEC 78

Beta-Radioactivity of Total Deposition (Dry and Wet)

Month : DECEMBER Year : 1978

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	01	NIL	Collecting period 48 hours from 0800 H.K. Time to 0800 H.K. Time approx.
01	03	NIL	
03	05	NIL	
05	07	0.10	
07	09	0.04	
09	11	NIL	
11	13	NIL	
13	15	NIL	
15	17	0.05	
17	19	NIL	
19	21	NIL	
21	23	NIL	
23	25	0.02	
25	27	0.19	
27	29	0.03	
29	31	0.03	
Monthly Mean :-		0.03	
Maximum :-		0.19	

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

Month: DECEMBERYear: 1978Location 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.		
30	09	25	01	09	30	NIL	
01	09	35	02	09	10	NIL	
02	09	15	03	09	25	0.25	
03	09	30	04	09	10	0.35	
04	09	15	05	09	10	0.21	
05	09	15	06	09	05	0.18	
06	09	10	07	09	25	NIL	
07	09	30	08	09	15	0.21	
08	09	20	09	09	20	NIL	
09	09	25	10	09	20	0.52	
10	09	25	11	09	00	NIL	
11	09	05	12	09	15	0.07	
12	09	20	13	09	35	0.16	
13	09	40	14	09	10	NIL	
14	09	15	15	09	05	NIL	
15	09	10	16	09	25	NIL	
16	09	30	17	09	15	NIL	
17	09	20	18	09	10	0.22	
18	09	15	19	09	20	NIL	
19	09	25	20	09	05	NIL	
20	09	10	21	09	30	0.08	
21	09	35	22	09	30	0.10	
22	09	35	23	09	10	NIL	
23	09	15	24	09	10	0.61	
24	09	15	25	09	05	0.37	
25	09	10	26	09	40	0.22	
26	09	45	27	09	20	NIL	
27	09	25	28	09	15	0.87	
28	09	20	29	09	05	1.01	
29	09	10	30	09	00	0.38	
30	09	05	31	09	35	0.07	
Monthly Mean:-						0.21	
Maximum :-						1.01	

