



---

**From:** GIS Hoc  
**Sent:** Wednesday, March 23, 2011 11:16 AM  
**To:** PMT01 Hoc  
**Subject:** RE: Updated weather forecast  
**Attachments:** image003.png; image004.png

Do you have an updated weather forecast?

---

**From:** PMT01 Hoc  
**Sent:** Tuesday, March 22, 2011 2:50 PM  
**To:** GIS Hoc  
**Cc:** PMT01 Hoc  
**Subject:** Updated weather forecast

|   |  |
|---|--|
|    | <u>Current Conditions at JMA Station (Soma)</u><br>Wed., Mar-23, 3 am JST<br>Temperature 35°F, no precip.<br>Light winds from the NW at 5 mph  |
|  | <u>Forecast Conditions (NARAC):</u><br>Wed., Mar-23, 9 pm to Mar-24, 3 pm JST<br>Temperature 30 to 45 °F, no precip.<br>Winds initially from NNW from 5 to 20 mph,<br>turning to come from W |




III/11/16

---

**From:** PMT01 Hoc  
**Sent:** Wednesday, March 23, 2011 11:49 AM  
**To:** GIS Hoc  
**Subject:** Updated Weather Forecast for GIS Monitor Display  
**Attachments:** image001.png; image002.png; image003.png

Fukushima Weather Forecast

Issued at 23 March 2011, 11:30 AM EDT by PMT Meteorologist

| Wind Vector   | Current and Forecast Conditions   |
|---|---|
|    | <u>Current conditions at JMA station (Soma)</u><br>Wednesday, 23 March 2011, 12 PM JST <ul style="list-style-type: none"><li>• Temperature 30 °F, no precipitation</li><li>• Winds light and variable from SSE (onshore)</li></ul>  |
|  | <u>Forecast conditions (NARAC)</u><br>Thursday, 24 March 2011, 1 AM to 12 PM JST <ul style="list-style-type: none"><li>• Temperature ranging from about 30°F to 46°F, chance of precipitation</li><li>• Winds from WNW to WSW (offshore) ranging from about 4 to 14 mph (higher winds generally occurring during daytime)</li></ul> |
|  | Friday, 25 March 2011, 1 AM to 3 PM <ul style="list-style-type: none"><li>• Temperature ranging from about 32°F to 46°F, no precipitation</li><li>• Winds generally less than 8 mph and varying from SW to SSE transitioning to the SSE (onshore) later in the period with increasing wind speeds 13 to 20 mph</li></ul>            |

**From:** [LIA07 Hoc](#)  
**Cc:** [LIA07 Hoc](#)  
**Subject:** Corrected 0600 EDT (March 24, 2011) USNRC Earthquake/Tsunami Status Update  
**Date:** Thursday, March 24, 2011 6:40:13 AM  
**Attachments:** [NRC Status Update 3.24.11--0600 EDT.pdf](#)

---

Please find attached a 0600 EDT (March 24, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami. **This corrects the previous version that was incorrectly marked draft.**

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Jim

Jim Anderson  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[James.anderson@nrc.gov](mailto:James.anderson@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

LII/118

---

**From:** LIA02 Hoc  
**Sent:** Thursday, March 24, 2011 11:06 AM  
**To:** LIA03 Hoc  
**Subject:** FW:

fyi

---

**From:** LIA02 Hoc  
**Sent:** Thursday, March 24, 2011 11:06 AM  
**To:** Smith, Brooke; Foggie, Kirk  
**Subject:** FW:

Kirk and Brooke,

Both of us were busy, but below is a summation from the ET log of the recent discussion between Chuck and the ET.

Steve

---

**From:** ET02 Hoc  
**Sent:** Thursday, March 24, 2011 11:01 AM  
**To:** LIA02 Hoc  
**Subject:**

Chuck: I had a two and a half meeting. The admiral will look for different strategies for every reactor and SFP and what where the right approaches and long term strategies. The biggest thing to accomplish is the degree of penetration the agencies have.

Weber: we were requested to sent our team to be in the respond center.

Chuck: We are not embedded in the crisis center.

They want mass of bottle of water. They accepted all the radiation monitoring equipment. They want water sampling gamma spectrometry. DOE is doing the radiation monitoring and DOD is doing all the vehicle.

We told them that they needed to work faster and that they can do more and that we would work hard to help them.

The pump equipment is going to start tomorrow night.

The navy is in process of sending the barges with fresh water. They are making arrangements for access.

Weber: Are they are thinking if plan A don't work?

Chuck: We were doing a contingency planing and we will share that.

They ask for advise of removing SF from the building.

Borshardt: The Chairman talk to the ambassador and the secretary about the salt issue. DOE has a brainstorming with the secretary everyday and the NRC is going to participate on that now.

Weber: who do you think should be doing this? We are going to work on this and do a proposal and give you the input on that.

Borshardt: DOE is going ot participate on the consortium call.

Chuck: DOE is working with robots to give continues temperature levels on the SF.

III/119



---

**From:** GIS Hoc  
**Sent:** Thursday, March 24, 2011 12:13 AM  
**To:** PMT01 Hoc  
**Subject:** RE: Updated Weather Forecast for GIS Monitor Display  
**Attachments:** image004.png; image005.png; image006.png

General interest – website with met data updated every three hours.

I use your transmittal for official update but keep an eye on the three hour update to see if there are large changes.




<http://www.jma.go.jp/en/jikei/313.html>

---

**From:** PMT01 Hoc  
**Sent:** Wednesday, March 23, 2011 11:49 AM  
**To:** GIS Hoc  
**Subject:** Updated Weather Forecast for GIS Monitor Display

#### Fukushima Weather Forecast

Issued at 23 March 2011, 11:30 AM EDT by PMT Meteorologist



| Wind Vector   | Current and Forecast Conditions   |
|---|---|
|  | <u>Current conditions at JMA station (Soma)</u><br>Wednesday, 23 March 2011, 12 PM JST <ul style="list-style-type: none"><li>• Temperature 30 °F, no precipitation</li><li>• Winds light and variable from SSE (onshore)</li></ul>  |
|  | <u>Forecast conditions (NARAC)</u><br>Thursday, 24 March 2011, 1 AM to 12 PM JST <ul style="list-style-type: none"><li>• Temperature ranging from about 30°F to 46°F, chance of precipitation</li><li>• Winds from WNW to WSW (offshore) ranging from about 4 to 14 mph (higher winds generally occurring during daytime)</li></ul> |
|  | Friday, 25 March 2011, 1 AM to 3 PM <ul style="list-style-type: none"><li>• Temperature ranging from about 32°F to 46°F, no precipitation</li><li>• Winds generally less than 8 mph and varying from SW to SSE transitioning to the SSE (onshore) later in the period with increasing wind speeds 13 to 20 mph</li></ul>            |

---

**From:** PMT01 Hoc  
**Sent:** Thursday, March 24, 2011 8:45 AM  
**To:** GIS Hoc  
**Subject:** updated weather forecast  
**Attachments:** image001.png; image002.png

Fukushima Weather Forecast

Issued at 24 March 2011, 03:00 AM EDT by PMT Meteorologist

| Wind Vector   | Current and Forecast Conditions  |
|---|--|
|  | <u>Current conditions (Thursday, 24 March 2011, 10 PM JST)</u><br>Onshore winds from WSW (247°) 5 mph. Temperature 35 °F. No precipitation.  |
|  | <u>12-Hour Forecast</u><br>Offshore winds from W (270°) 5-15 mph. Temperature 32-45 °F. Brief period of onshore winds (~8 mph) expected between 6 am – 8 am Friday, 25 March                                   |
|   | <u>24-Hour Forecast</u><br>Variable weak winds <15 mph. Periods of onshore predicted around sunrise and early afternoon Friday, 25 March. 50% chance moderate rain later in the day. Average temperature 41°F. |

III/121

---

**From:** GIS Hoc  
**Sent:** Thursday, March 24, 2011 1:41 PM  
**To:** yong.li@nrc.gov  
**Attachments:** Presentation1.pptx

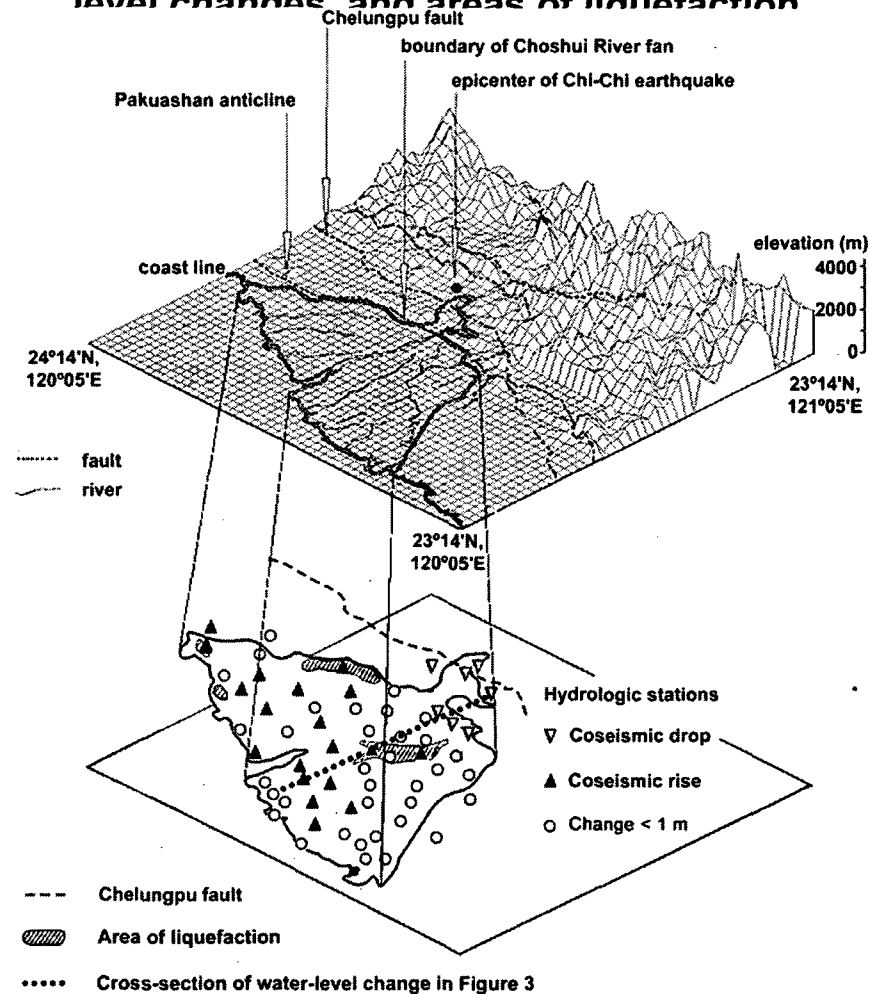
III/122

No matter confined or unconfined  
ground water table changed during  
the earthquake

- There is no generic explanation to the trend of water table changes and to the amplitude of the water table changes either
- How about the same water table during the Chi-chi earthquake for the Choshui River fan

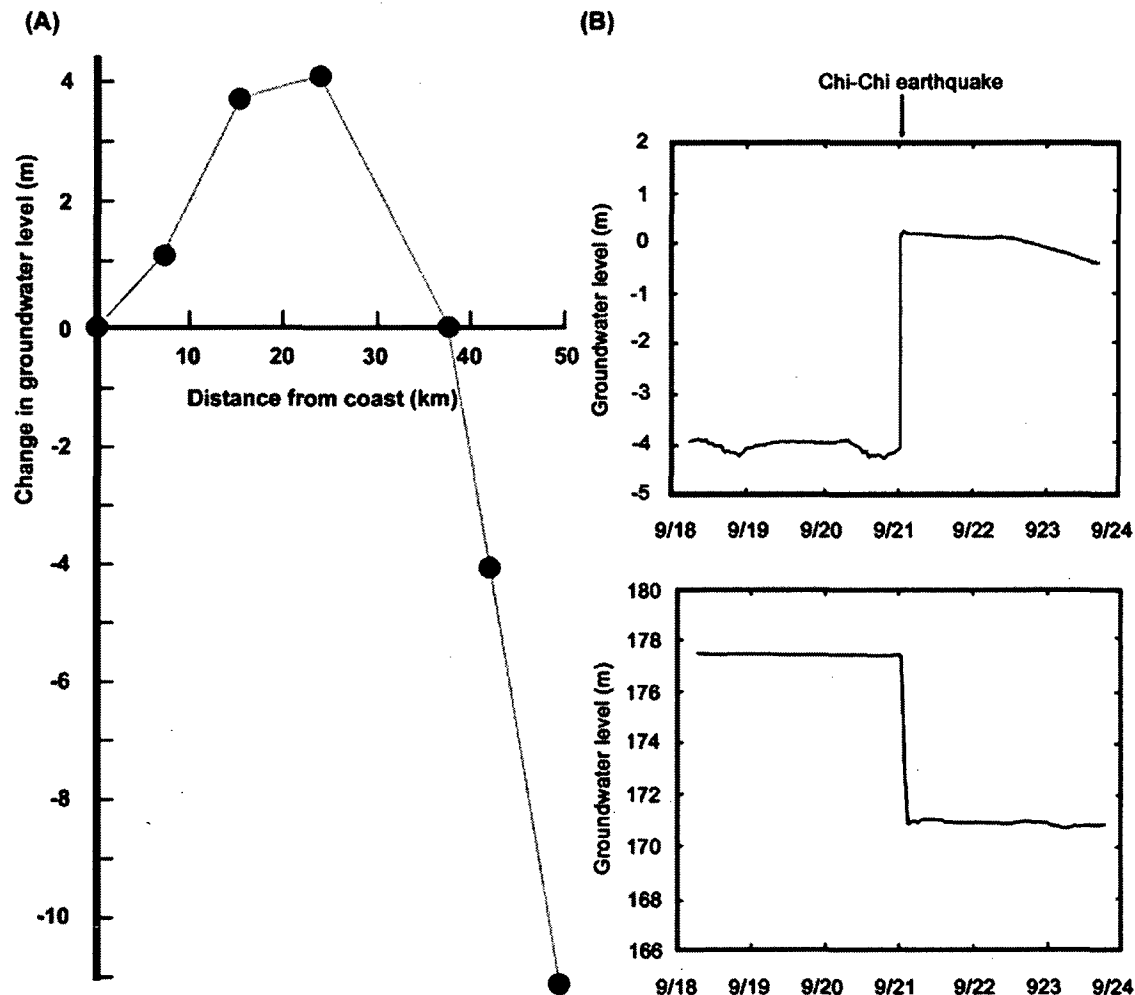


**Figure 2. Digital elevation map of region around Choshui River fan and projected area of Choshui River fan showing geographic locations of hydrologic stations, coseismic water-level changes, and areas of liquefaction**



Wang C et al. *Geology* 2001;29:831-834

**Figure 3. A: Profile of coseismic water-level change across Choshui River fan along cross section shown in Figure 2.**



Wang C et al. Geology 2001;29:831-834

- Volume strain
- Static strain
- Dynamic strain

---

**From:** PMT07 Hoc  
**Sent:** Thursday, March 24, 2011 7:14 PM  
**To:** PMT05 Hoc; PMT11 Hoc  
**Subject:** FW: Fax from 81355105111  
**Attachments:** File1.PDF

-----Original Message-----

From: HOO Hoc  
Sent: Thursday, March 24, 2011 7:02 PM  
To: PMT07 Hoc  
Subject: FW: Fax from 81355105111

-----Original Message-----

From: hoo1 [mailto:hoo1.hoc@nrc.gov]  
Sent: Thursday, March 24, 2011 6:57 PM  
To: HOO Hoc  
Subject: Fax from 81355105111

RECEIVE NOTIFICATION FOR JOB 00017835

Notice for: HOO1

Remote ID: 81355105111

Received at: 03/24/2011 18:55

Pages: 3

Routed by:

Routed at: 03/24/2011 18:55

III/123

To: PMT  
From: JACK FOSTER  
Subj: Web site for  
MEASUREMENT of  
Rad Dose Around  
Tokyo Bay

3/25/11 7:50 AM JST



港灣: Measurement of radiation doses - 国土交通省 - Windows Internet Explorer

http://www.mlit.go.jp/kowan/kowan\_fr1\_000041.html windows スクリーンショットウィンドウ

お気に入り ログアウト 港灣: Measure... X スクリーンショ... ページ(P) セーフティ(S) ツール(T) 検索

English | 用語集 | サイトマップ | 文字の大きさ 拡大+ 縮小- | サイト内検索 |

国土交通省  
Ministry of Land, Infrastructure, Transport and Tourism

ホームに戻る | 国土交通省について | 政策・仕事 | 報道・広報 | 統計情報・白書 | 申請・手続

ホーム >> 政策・仕事 >> 港灣 >> Measurement of radiation doses

港灣  
| 港灣トップ | 報道発表資料 | 関連リンク

**主な施策**

■ 港灣

- ▶ スーパー中核港灣プロジェクトの推進
- ▶ 輸出入・港灣手続のシナジー化
- ▶ リサイクルポート
- ▶ みなと技術(港灣技術研究開発)
- ▶ みなと振興交付金
- ▶ 運河の魅力発見プロジェクト
- ▶ みなとオアシス
- ▶ コンテナターミナルのゲートオープン時間拡大
- ▶ 海外港灣物流プロジェクト協議会
- ▶ 基本方針における需要予測
- ▶ 放置創対策

■ 海岸

- ▶ 海岸行政に関する施策の紹介

**Measurement of radiation doses**

Measurement of Radiation Doses in the Ports around Tokyo Bay

Currently, the level of radiation in Tokyo City, Yokohama City, Kawasaki City and Ichikawa City (Chiba) were as shown in the attachment at very safe level to health.

[Radiation data as of]  
- 24th March 2011 (AM)

[English](#) [Chinese](#) [Traditional Chinese](#) [Hangeul](#)

[Reference]  
Kinya Ichimura  
Special Assistant to the Director,  
Security and Emergency Management Office,  
Ports and Harbours Bureau  
Tel: +81-3-5253-8111 (ext. 48284)  
Tel: +81-3-5253-8070 (direct)  
Fax: +81-3-5253-1648

**基本情報**

- ▶ 組織
- ▶ 予算
- ▶ 法令等
- ▶ 政策評価
- ▶ 審議会・委員会等
- ▶ 報道発表資料
- ▶ 社会資本整備重点計画
- ▶ 統計・データ
- ▶ みなと一覧
- ▶ 出版物
- ▶ キッズページ
- ▶ 海とみなとの相談窓口
- ▶ 公共調達制度
- ▶ ご意見・ご要望

✓ 信頼済みサイト | 保護モード: 無効 100%

# Measurement of Radiation Dose in the Ports around Tokyo Bay

## Measured dose

|                     |   | Measurement points<br>(Address)   | Mar.23<br>AM     | Mar.23<br>PM      | Mar.24<br>AM                                     | Annual exposure<br>calculation |
|---------------------|---|---|------------------|-------------------|--|--------------------------------|
| Port of<br>Tokyo    | ◎ | Tokyo Metropolitan Institute of Public Health<br>(Hyakunin-cho, Shinjuku-ku, Tokyo)                                 | 146nGy/h<br>8:00 | 146nGy/h<br>17:00 | 139nGy/h<br>8:00<br>$\approx 0.0001390$<br>mSv/h | 1.22mSv/year                   |
| Port of<br>Yokohama | ☆ | Environmental Science Research Institute<br>(Takigashira, Isogo-ku, Yokohama, Kanagawa)                             | 71nGy/h<br>8:00  | 68nGy/h<br>17:00  | 67nGy/h<br>8:00<br>$\approx 0.000670$<br>mSv/h   | 0.59mSv/year                   |
| Port of<br>Kawasaki | △ | Kawasaki Municipal Research Institute for Environmental Protection<br>(Tajima-cho, Kawasaki-ku, Kawasaki, Kanagawa) | 103nGy/h<br>8:00 | 97nGy/h<br>17:00  | 89nGy/h<br>8:00<br>$\approx 0.000890$<br>mSv/h   | 0.78mSv/year                   |
| Port of<br>Chiba    | □ | Chiba Prefectural Environmental Research Center<br>(Iwasaki-Nishi, Ichihara, Chiba)                                 | 100nGy/h<br>8:00 | 104nGy/h<br>17:00 | 98nGy/h<br>8:00<br>$\approx 0.000980$<br>mSv/h   | 0.86mSv/year                   |

- 1) According to the website of Tokyo-Electric Power Company, the unit is converted 1 nano-Gray/hour (nGy/hr)  $\approx$  1 nano-Sievert /hour (nSv/hr).
- 2) "Annual exposure calculation" is the estimation under the condition that the hourly radiation dose measurement at the measurement point is accumulated 24 hours throughout the year.
- 3) 1 milli-Sievert (mSv) = 1000 micro-Sievert ( $\mu$ Sv)  
1 micro-Sievert ( $\mu$ Sv) = 1000 nano-Sievert (nSv)

According to the Ministry of Education, Culture, Sports, Science and Technology, examples of exposure level of radiation in daily life is as below.

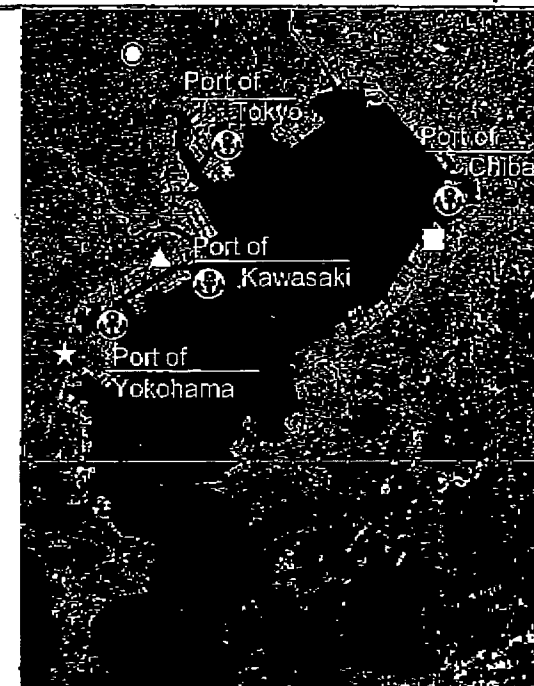
|   |          |
|---|----------|
| - Chest X-ray (once)                            | 0.05 mSv |
| - 1 roundtrip between Tokyo and New York by air | 0.2 mSv  |
| - Stomach X-ray (once)                          | 0.6 mSv  |

According to the WHO, a person is exposed to approximately 3.0mSv/year on average.

## References;

|   |  |
|---|--|
| ◎ | Tokyo Metropolitan Institute of Public Health Website (Japanese only)<br><a href="http://www.tokyo-eiken.go.jp/monitoring/index.html">http://www.tokyo-eiken.go.jp/monitoring/index.html</a> |
| ☆ | City of Yokohama, Environmental Planning Bureau Website(Japanese only)<br><a href="http://www.city.yokohama.lg.jp/kankyo/saiga/">http://www.city.yokohama.lg.jp/kankyo/saiga/</a>            |
| △ | City of Kawasaki Website(Japanese only)<br><a href="http://www.city.kawasaki.jp/e-news/info3715/index.html">http://www.city.kawasaki.jp/e-news/info3715/index.html</a>                       |
| □ | Chiba Prefecture Government Website(Japanese only)<br><a href="http://www.pref.chiba.lg.jp/index.html">http://www.pref.chiba.lg.jp/index.html</a>  |

## Radiation Measurement Map



---

**From:** PMT07 Hoc  
**Sent:** Thursday, March 24, 2011 7:14 PM  
**To:** PMT05 Hoc; PMT11 Hoc  
**Subject:** FW: Fax from 81355105111  
**Attachments:** File1.PDF

FYI

-----Original Message-----

From: HOO Hoc  
Sent: Thursday, March 24, 2011 6:58 PM  
To: PMT07 Hoc  
Subject: FW: Fax from 81355105111

Headquarters Operations Officer  
U.S. Nuclear Regulatory Commission  
Phone: 301-816-5100  
Fax: 301-816-5151  
email: [hoo.hoc@nrc.gov](mailto:hoo.hoc@nrc.gov)  
secure e-mail: [hoo1@nrc.sgov.gov](mailto:hoo1@nrc.sgov.gov)

-----Original Message-----

From: hoo1 [mailto:[hoo1.hoc@nrc.gov](mailto:hoo1.hoc@nrc.gov)]  
Sent: Thursday, March 24, 2011 6:32 PM  
To: HOO Hoc  
Subject: Fax from 81355105111

RECEIVE NOTIFICATION FOR JOB 00017833

Notice for: HOO1

Remote ID: 81355105111

Received at: 03/24/2011 18:31

Pages: 5

Routed by:

Routed at: 03/24/2011 18:31

III/124

To: PMT

From: Jack Foster

Subj: S60 Area Mon

3/25/11 0730<sup>AM</sup> Jst

## Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP

March 24, 2011  
Ministry of Education, Culture, Sports, Science  
and Technology (MEXT)

## 1. Radioactivity Concentration Undersea

| Sampling Point                   | Sampling Time and Date | Nuclide           | Radioactivity Concentration (Bq/L)*3 |
|----------------------------------|------------------------|-------------------|--------------------------------------|
| Sampling Point 1 at Sea Area 1※1 | 2011/3/23 8:10         | <sup>131</sup> I  | 24.9                                 |
|                                  |                        | <sup>137</sup> Cs | 16.4                                 |
| Sampling Point2 at Sea Area 1    | 2011/3/23 9:00         | <sup>131</sup> I  | 30.0                                 |
|                                  |                        | <sup>137</sup> Cs | 11.2                                 |
| Sampling Point3 at Sea Area 1    | 2011/3/23 9:30         | <sup>131</sup> I  | 76.8                                 |
|                                  |                        | <sup>137</sup> Cs | 24.1                                 |
| Sampling Point4 at Sea Area 1    | 2011/3/23 10:15        | <sup>131</sup> I  | 37.3                                 |
|                                  |                        | <sup>137</sup> Cs | 18.2                                 |
| Sampling Point 1 at Sea Area 2※2 | 2011/3/23 11:20        | <sup>131</sup> I  | 54.7                                 |
|                                  |                        | <sup>137</sup> Cs | 12.7                                 |
| Sampling Point2 at Sea Area 2    | 2011/3/23 12:00        | <sup>131</sup> I  | 42.0                                 |
|                                  |                        | <sup>137</sup> Cs | 12.8                                 |
| Sampling Point3 at Sea Area 2    | 2011/3/23 12:37        | <sup>131</sup> I  | 29.0                                 |
|                                  |                        | <sup>137</sup> Cs | 15.3                                 |
| Sampling Point4 at Sea Area 2    | 2011/3/23 13:32        | <sup>131</sup> I  | 38.4                                 |
|                                  |                        | <sup>137</sup> Cs | 15.2                                 |

※1 Sea Area 1: offshore of Fukushima Dai-ichi NPP

※2 Sea Area 2: offshore of Fukushima Dai-2 NPP

※3 Radioactivity concentration in seawater limit outside of the environmental supervised area (<sup>131</sup>I: 40Bq/L, <sup>137</sup>Cs: 90Bq/L)

## 2. Reading of Over the Sea

| Sampling Point                 | Sampling Time and Date | Reading (μSv/h) | Weather |
|--------------------------------|------------------------|-----------------|---------|
| Sampling Point 1 at Sea Area 1 | 2011/3/23 8:10         | 0.034           | No rain |
| Sampling Point 2 at Sea Area 1 | 2011/3/23 9:00         | 0.038           | No rain |
| Sampling Point3 at Sea Area 1  | 2011/3/23 9:30         | 0.049           | No rain |
| Sampling Point4 at Sea Area 1  | 2011/3/23 10:15        | 0.054           | No rain |
| Sampling Point 1 at Sea Area 2 | 2011/3/23 11:20        | 0.035           | No rain |
| Sampling Point2 at Sea Area 2  | 2011/3/23 12:00        | 0.030           | No rain |
| Sampling Point3 at Sea Area 2  | 2011/3/23 12:37        | 0.040           | No rain |
| Sampling Point4 at Sea Area 2  | 2011/3/23 13:32        | 0.040           | No rain |

※ Type of detector : CsI (TI) scintillation detector (PDF-101 AI OKA)



## 3. Reading of Radioactivity Concentration in dust over the Sea※1

| Sampling Point                 | Sampling Time and Date | Nuclide           | Radioactivity Concentration (Bq/m <sup>3</sup> )※2 |
|--------------------------------|------------------------|-------------------|--|
| Sampling Point 1 at Sea Area 1 | 2011/3/23 8:10         | <sup>131</sup> I  | 0.133  |
|                                |                        | <sup>137</sup> Cs | 0.00676  |
| Sampling Point 2 at Sea Area 1 | 2011/3/23 9:00         | <sup>131</sup> I  | 0.0623   |
|                                |                        | <sup>137</sup> Cs | 0.0694   |
| Sampling Point3 at Sea Area 1  | 2011/3/23 9:30         | <sup>131</sup> I  | 0.0936   |
|                                |                        | <sup>137</sup> Cs | Not Detectable                                     |
| Sampling Point4 at Sea Area 1  | 2011/3/23 10:15        | <sup>131</sup> I  | 0.0866   |
|                                |                        | <sup>137</sup> Cs | 0.016  |
| Sampling Point 1 at Sea Area 2 | 2011/3/23 11:20        | <sup>131</sup> I  | —  |
|                                |                        | <sup>137</sup> Cs | —  |
| Sampling Point2 at Sea Area 2  | 2011/3/23 12:00        | <sup>131</sup> I  | —  |
|                                |                        | <sup>137</sup> Cs | —  |
| Sampling Point3 at Sea Area 2  | 2011/3/23 12:37        | <sup>131</sup> I  | —  |
|                                |                        | <sup>137</sup> Cs | —  |
| Sampling Point4 at Sea Area 2  | 2011/3/23 13:32        | <sup>131</sup> I  | —  |
|                                |                        | <sup>137</sup> Cs | —  |

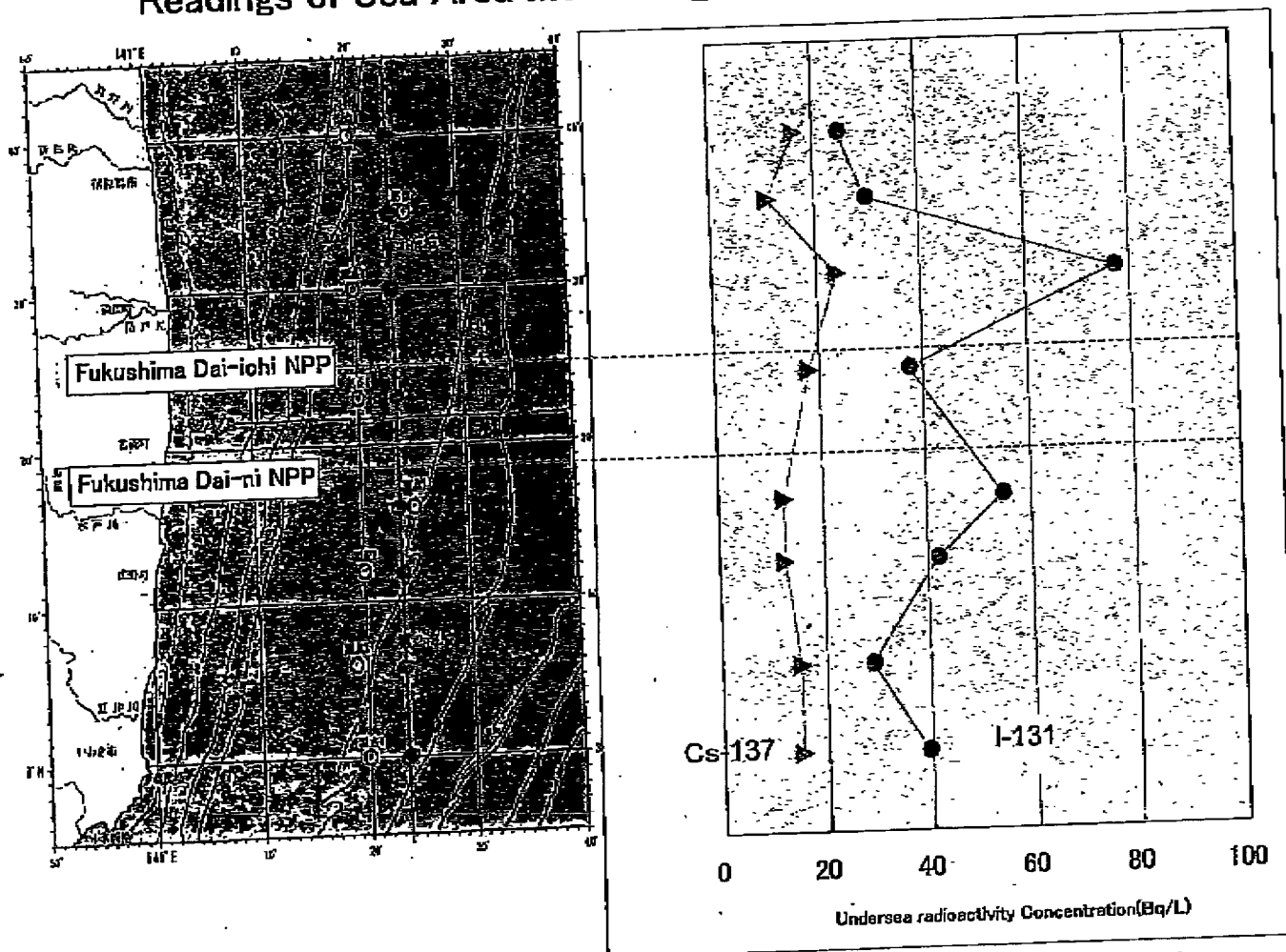
※1 Sampled in Sea Area 1

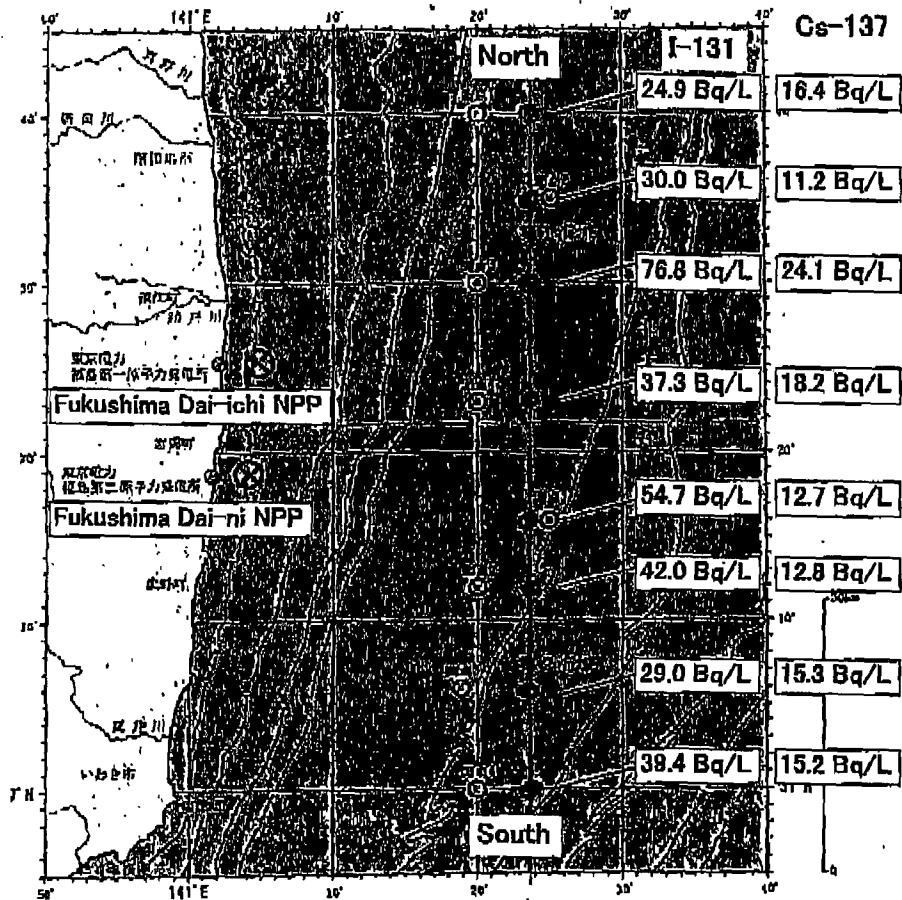
※2 Radioactivity concentration limit in the air outside of the environmental supervised area (<sup>131</sup>I: 10Bq/m<sup>3</sup>, <sup>137</sup>Cs: 30Bq/m<sup>3</sup>)

Each sampling point is indicated below

|                                |                           |
|--------------------------------|---------------------------|
| Sampling Point 1 at Sea Area 1 | 37° 39.3' N, 141° 24.0' E |
| Sampling Point 2 at Sea Area 1 | 37° 35.0' N, 141° 23.9' E |
| Sampling Point3 at Sea Area 1  | 37° 30.2' N, 141° 23.9' E |
| Sampling Point4 at Sea Area 1  | 37° 24.1' N, 141° 24.4' E |
| Sampling Point 1 at Sea Area 2 | 37° 16.1' N, 141° 23.8' E |
| Sampling Point2 at Sea Area 2  | 37° 12.1' N, 141° 23.9' E |
| Sampling Point3 at Sea Area 2  | 37° 05.7' N, 141° 24.0' E |
| Sampling Point4 at Sea Area 2  | 36° 59.9' N, 141° 23.8' E |

# Readings of Sea Area Monitoring March 24, 2011





**Garcia-Santos, Norma**

---

**From:** Ordaz, Vonna  
**Sent:** Thursday, March 24, 2011 5:55 AM  
**To:** Pstrak, David; Garcia-Santos, Norma; Rahimi, Meraj; Waters, Michael; Benner, Eric; White, Bernard; Bjorkman, Gordon; Witt, Kevin; Easton, Earl; Berry, Rollie; Khodorkovsky, Bella; Weaver, Doug  
**Subject:** Fw: 1800 EDT (March 23, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032311.1800EDT.pdf

FYL...

---

**From:** LIA07 Hoc  
**Sent:** Wed Mar 23 18:01:51 2011  
**Subject:** 1800 EDT (March 23, 2011) USNRC Earthquake/Tsunami Status Update

Attached, please find an 1800 EDT (March 23, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Sara

Sara K. Mroz  
Communications and Outreach  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[Sara.Mroz@nrc.gov](mailto:Sara.Mroz@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

**From:** LIA10 Hoc  
**Sent:** Thursday, March 24, 2011 10:51 AM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Tepco press release 2:30pm March 24

Effects of Tohoku Pacific Earthquake

March 24, 2011 2:30pm

【Nuclear Power Stations】

・Fukushima Daiichi NPS

※Unit 1

・Lighting came on around 11:30am, March 24.

※Unit 3

・Doses of about 170mSv were confirmed for three cooperating company workers laying cable in the first floor and the basement of Turbine Building 1. As contamination was confirmed on the skin of both feet-or-legs of two of them, they were sent to hospital.

本日 24 日、タービン建屋 1 階および地下において、ケーブル施設作業を行って  
いた協力企業作業員 3 名について、約 170mSv 以上の線量を確認。うち 2 名につ  
いて、両足の皮膚に汚染を確認したため、病院へ搬送中。

※Unit 5

・About 5:24pm on March 23, the Residual Heat Removal seawater pump shut down automatically during switching of power sources. Currently, pump repair work is underway.

※3月20日、21日、23日に採取した発電所敷地内の空気中からよう素、セシウム、  
テルルを検出。Tellurium detected in air from NPS site samples collected March 20, 21, 23. (Iodine and Cesium previously detected.)

東北地方太平洋沖地震による影響などについて

【午後 2 時 30 分現在】

平成 23 年 3 月 24 日  
東京電力株式会社

平成 23 年 3 月 11 日に発生いたしました三陸沖を震源とする東北地方太平洋沖地震により、当社の原子力発電所をはじめとした設備等が大きな被害を受けるなかで、立地地域の皆さまをはじめ、広く社会の皆さまに大変なご心配とご迷惑をおかけしておりますことに対し、心よりお詫び申し上げます。

当社設備への主な影響を以下の通りお知らせいたします。

※下線部が新規事項

【原子力発電所】

・福島第一原子力発電所 1～3号機 地震により停止中

III/126



(4～6号機は定期検査中)

※福島第一原子力発電所の半径20km圏内の住民の方の避難指示および、半径20km以上、半径30km圏内の住民の方は屋内退避指示有り。

※3月22日までに1～6号機の外部電源を復旧。

#### ※1号機

- ・3月12日午後3時36分頃、直下型の大きな揺れが発生し、1号機付近で大きな音があり、白煙が発生。
- ・同日午後8時20分に海水の注水を開始し、その後、中性子を吸収するボウ酸の注入も実施。
- ・3月23日午前2時30分頃、給水系から原子炉への海水注入を開始。
- ・本日24日午前10時50分頃、原子炉建屋屋根部から白いもや状の湯気がでていることを確認。
- ・本日24日午前11時30分頃、中央制御室の照明が点灯。

#### ※2号機

- ・3月14日、原子炉隔離時冷却系が停止したことから、午後1時25分に、原子力災害対策特別措置法第15条第1項の規定に基づく特定事象（原子炉冷却機能喪失）が発生したと判断。  
その後、同日午後5時17分に原子炉水位が燃料頂部まで到達したが、弁の操作を行うことにより注水を再開。
- ・3月15日午前6時14分頃、2号機の圧力制御室付近で異音が発生するとともに、同室内の圧力が低下したことから、同室で何らかの異常が発生した可能性があるとして判断。原子炉への海水の注入を全力で取り組むが同作業に関わりのない協力企業作業員および当社社員を一時的に安全な場所へ移動開始。  
引き続き原子炉への海水注入を実施。
- ・3月18日、外部送電線から予備電源変電設備までの受電を完了。また、当該設備から建屋側へのケーブルの敷設を完了後、3月20日午後3時46分、負荷側の電源盤での受電を開始。
- ・3月20日午後3時5分頃から午後5時20分頃に、約40トンの海水を使用済燃料プールへ注水（当社実施）。
- ・3月21日午後6時20分頃、原子炉建屋屋根部から白いもや状の煙が出ていることを確認。本日22日午前7時11分の時点で、ほとんど見えない状態まで減少。
- ・3月22日午後4時頃から午後5時頃までに、約18トンの海水を使用済燃料プールへ注水（当社実施）。

#### ※3号機

- ・原子炉への注水を継続するなか、3月14日午前6時50分、原子炉格納容器の圧力が530キロパスカルまで上昇したことから、同日午前7時44分、原子力災害対策特別措置法第15条第1項の規定に基づく特定事象（格納容器圧力異常）が発生したと判断。その後、格納容器圧力は、緩やかに低下（同日午前9時5分現在、490キロパスカル）。
- ・3月14日午前11時1分頃、3号機付近で大きな音があり、白煙が発生。これにより、当社社員4名、協力企業作業員等3名が負傷（いずれも意識あり）したが、救急車を要請し、すでに病院へ搬出。
- ・使用済燃料プールの水温上昇に伴い、自衛隊へご協力を要請し、3月16日にヘリコプターによる原子炉建屋上部への放水を実施する検討をしていたが、同日中の作業を中止。
- ・3月17日午前6時15分より、圧力抑制室の圧力の指示値が、一時的に上昇していることから、安全に万全を期すため、本日20日、原子炉格納容器内の圧力を降下させる措置（放射性物質を含む空気の一部外部への放出）を行う準備を進めていたが、現時点で直ちに放出を必要とする状況ではないため、圧力の状態などを継続監視中。

- ・ 3月17日、使用済燃料プールの冷却のため、自衛隊へご協力を要請し、ヘリコプターによる放水を実施。
- ・ 3月17日午後7時過ぎ頃、警察や自衛隊にご協力を要請し、放水車による放水を開始。午後8時9分、放水終了。
- ・ 3月18日午後2時前、自衛隊、アメリカ軍にご協力いただき、消防車による放水を開始し、午後2時45分に終了。
- ・ 3月19日午前0時30頃、消防にご協力いただき、ハイパーレスキューによる放水を開始し、午前1時10分頃に終了。また、同日午後2時10分頃、ハイパーレスキューによる放水を開始し、3月20日午前3時40分頃に終了。
- ・ 3月20日午後9時30分頃、消防にご協力いただき、ハイパーレスキューによる放水を開始し、3月21日午前3時58分頃に終了。
- ・ 3月21日午後3時55分頃、原子炉建屋上南東側からやや灰色がかかった煙が発生し、午後4時21分頃、消防へ情報提供済み。原子炉压力容器、原子炉格納容器のパラメータ、周辺環境モニタリング値に大きな変動はみられないが、念のため付近にいる作業員を屋内へ退避。本日22日、煙は白みがかかった煙に変化し、終息に向かっている。
- ・ 3月22日午後3時10分頃、消防にご協力いただき、ハイパーレスキューによる放水を開始し、同日午後4時頃に終了。
- ・ 3月22日午後10時45分頃、3号機中央操作室の照明が復旧。
- ・ 3月23日午前11時頃から、使用済燃料プールに海水の注入を開始し、午後1時20分頃に終了。
- ・ 3月23日午後4時20分頃、原子炉建屋から黒色がかかった煙が発生していることを、当社社員が確認。午後4時25分頃、消防へ情報提供済み。原子炉压力容器、原子炉格納容器のパラメータ、周辺環境モニタリング値に大きな変動はみられないが、念のため付近にいる作業員を屋内へ退避。その後同日午後11時30分頃および本日24日午前4時50分頃に、当社社員が煙の発生が止まっていることを確認。作業員の待避も解除。
- ・ 本日24日午前5時35分頃から、使用済燃料プールに燃料プール冷却材浄化系を用いた海水の注入を開始。
- ・ 本日24日、タービン建屋1階および地下において、ケーブル施設作業を行っていた協力企業作業員3名について、約170mSv以上の線量を確認。うち2名について、両足の皮膚に汚染を確認したため、病院へ搬送中。

#### ※4号機

- ・ 3月15日午前6時頃、発電所内で大きな音が発生し、その後、4号機原子炉建屋5階屋根付近に損傷を確認。同日9時38分頃、原子炉建屋4階北西部付近に出火を確認したものの、午前11時頃、当社社員が自然に火の消えていることを確認。
- ・ 3月16日午前5時45分頃、原子炉建屋北西部付近から炎が上がっていることを確認。直ちに消防署、地元自治体へ通報するとともに、関係各所へ連絡し、消火活動実施。同日午前6時15分頃、当社社員が、現場で火が見えないことを確認。
- ・ 3月20日午前8時21分頃、自衛隊にご協力いただき、消防車による放水を開始、同日午前9時40分頃に終了。また、同日午後6時45分頃から、自衛隊の消防車による放水を開始し、同日午後7時45分頃に終了。
- ・ 3月21日午前6時30分頃、自衛隊、アメリカ軍にご協力いただき、消防車による放水を開始。同日午前8時40分頃に終了。
- ・ 3月21日、仮設電源盤から建屋側へのケーブルの敷設完了。
- ・ 3月22日午後5時20分頃、コンクリートポンプ車による放水を開始。同日午後8時30分頃に終了。
- ・ 3月23日午前10時頃から、コンクリートポンプ車による放水を開始。同日午後1時頃終了。

#### ※5号機、6号機

- ・ 3月19日午前5時、5号機の残留熱除去系ポンプ（C）を起動し、使用済燃料プールの冷却を開始。また、同日午後10時14分、6号機の残留熱除去系ポンプ（B）を起動し、使用済燃料プールの冷却を開始。
- ・ 5号機については、3月20日午後2時30分から原子炉冷温停止中。また、6号機については、同日午後7時27分から原子炉冷温停止中。
- ・ 5、6号機について、水素ガスの滞留防止を目的として、原子炉建屋屋根部の各3箇所穴あけを実施。
- ・ 3月23日午後5時24分頃、5号機の仮設の残留熱除去系海水ポンプの電源を切り替えた際、自動停止。現在、ポンプの修理を実施中。

※3月18日、使用済燃料共用プールの使用済燃料の保管状況については、水位が確保されていることを確認。3月21日午前10時37分から、当該プールへの注水を開始し、同日午後3時30分頃に終了。今後詳細に点検予定。

\*使用済燃料共用プール 各号機の使用済燃料プールで一時貯蔵、管理していた使用済燃料を、発電所内の独立した建屋に設置される各号機共用のプールへ移送して貯蔵・管理するもの

※3月17日、乾式キャスク建屋のパトロールを実施し、外観目視点検の結果、乾式キャスクに異常が無いことを確認。今後詳細に点検予定。

\*乾式キャスク 使用済燃料を乾式の貯蔵キャスクにおさめて、キャスク保管庫に貯蔵する方法。福島第一原子力発電所では1995年8月に運用開始。

※原子炉への注水および使用済燃料プールの放水に使用している消防車は、各地の消防から合計12台の貸与をいただいております。

※3月21日、23日、1～4号機放水口付近の海水からコバルト、よう素、セシウムを検出。

※3月20日、21日、23日に採取した発電所敷地内の空気中からよう素、セシウム、テルルを検出。

※今後、安全の確保に全力を尽くしてまいるとともに、引き続き周辺環境のモニタリングを継続・監視してまいります。

・福島第二原子力発電所 1～4号機 地震により停止中

※福島第二原子力発電所の半径10km以内の地域住民に対して、国より避難指示あり。

※原子炉冷温停止に向けて、原子炉冷却機能を復旧して原子炉を冷却し、1号機については3月14日午後5時から、2号機については同日午後6時から、3号機については3月12日午後0時15分から、4号機については3月16日午前7時15分から原子炉冷温停止中。

※3月12日より、原子炉格納容器内の圧力を降下させる措置（放射性物質を含む空気の一部外部への放出）の準備をしていたが、3月17日に全号機の措置準備を解除。

※1号機

・非常用補機冷却系\*の温度が上昇傾向にあるため、3月15日午後3時20分残留熱除去系（B）を停止して調査。非常用補機冷却系のポンプの電源に故障が確認されたため、電源を交換し、3月15日午後4時25分に当該ポンプおよび残留熱除去系（B）を再起動。

※4号機

- ・非常用補機冷却系\*のポンプ出口圧力が低下。調査のため、3月15日午後8時5分に残留熱除去系（B）を停止。非常用補機冷却系のポンプ電源設備が故障していたため、当該設備を交換し、3月15日午後9時25分、当該ポンプおよび残留熱除去系（B）を再起動。  
\*非常用補機冷却系・・・ポンプ軸受、熱交換機等の冷却用に海水と熱交換した冷却水（純水）が循環している非常用の系統
- ・柏崎刈羽原子力発電所 1、5、6、7号機は通常運転中  
（2～4号機は定期検査中）

#### 【火力発電所】

- ・広野火力発電所 2、4号機 地震により停止中
- ・常陸那珂火力発電所 1号機 地震により停止中
- ・鹿島火力発電所 2、3、5、6号機 地震により停止中
- ・東扇島火力発電所 1号機 午後1時42分に発電再開

#### 【水力発電所】

- ・電気の供給については、すべて復旧済み  
（ただし、設備損傷箇所については、適時対応中）

#### 【流通設備等への影響】

- ・電気の供給については、すべて復旧済み  
（ただし、設備損傷箇所については、適時対応中）

#### 【当社サービスエリアにおける停電状況】

- ・地震による停電はすべて解消

#### 【当社サービスエリアにおける電気の安定供給確保にむけた取り組み需給状況】

- ・新信濃変換所からの応援受電 60万kW
- ・佐久間変換所からの応援受電 30万kW
- ・東清水変換所からの応援受電 10万kW
- ・北本連系設備からの応援受電 60万kW
- ・今後予想されます電気の使用量に対し、供給力が大変厳しい状況にあることを踏まえ、予見性のないまま大規模な停電に陥らないよう、3月14日以降、計画的に停電をお願いさせていただいております。当社としては、安定供給に向け早急、最大限の対策を講じることで、一日も早い復旧に取り組んでまいります。大変申し訳ございませんが、停電の対象となるお客さまにつきましては、お知らせしました停電予定時間に備えていただくとともに、そのほかの地域にお住まいのお客さまにつきましても、引き続き、不要な照明や電気機器のご使用を控えていただきますよう、お願いいたします。

#### 【その他】

- ・切れた電線には絶対にさわらないでください。
- ・火災防止のため、自宅を離れる際には、ドライヤーなどの電気機器のスイッチを入れたまま外出しないようお願いいたします。
- ・自家発電設備をお持ちのお客さまにつきましては、燃料の確保等をお願いいたします。

以 上

---

**From:** LIA08 Hoc  
**Sent:** Wednesday, March 23, 2011 9:42 PM  
**To:** RST01 Hoc; PMT01 Hoc; Hoc, PMT12; ET01 Hoc; ET05 Hoc  
**Subject:** FW: Nikkei Article: Fukushima Dai-ichi - 3 possibilities - depends on cooling system 6:56am March 24  
**Attachments:** image001.jpg; image002.gif

For your info. Nothing new that I can see. Taken from a Japanese newspaper article. Jeff Temple

---

**From:** LIA02 Hoc  
**Sent:** Wednesday, March 23, 2011 7:18 PM  
**To:** RST01 Hoc; LIA08 Hoc  
**Subject:** FW: Nikkei Article: Fukushima Dai-ichi - 3 possibilities - depends on cooling system 6:56am March 24

The latest from our translator. Please forward to interested parties. Thanks.

---

**From:** LIA10 Hoc  
**Sent:** Wednesday, March 23, 2011 7:15 PM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Nikkei Article: Fukushima Dai-ichi - 3 possibilities - depends on cooling system 6:56am March 24

## 福島第1原発、3つの可能性 冷却システムが左右

Fukushima Dai-ichi, 3 Possibilities – all Depends on the Cooling System

(6:56am, March 24)

---

Bottom of Form

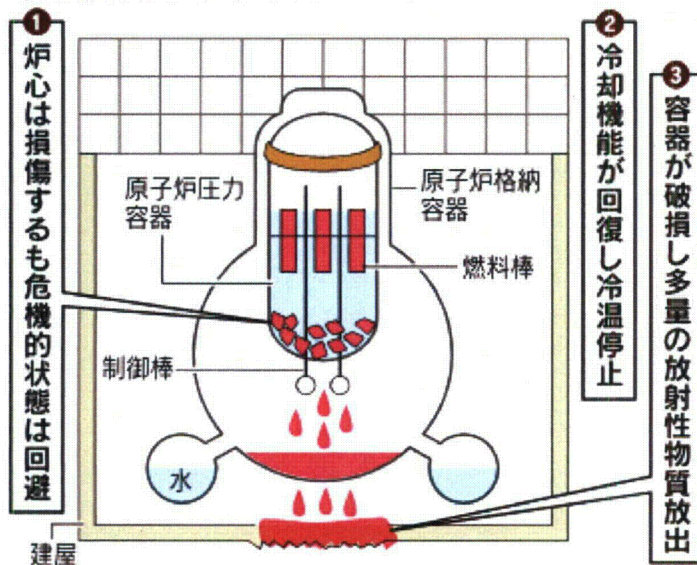
東京電力福島第1原子力発電所では外部電源を使う準備が整い、原子炉内の燃料の過熱が懸念される1～3号機で外部電力を使った冷却作業が始まる。原子炉を安全な状態にどう持っていけるか、想定されるシナリオを検証する。

At Fukushima Dai-ichi, they are going to start cooling operations using external power sources for unit 1-3 which are

11/127



## 考えられるシナリオ(イメージ)



### 【ケース 1】炉心損傷したが危機は回避

[Case 1] reactor core is damaged, but crisis is avoided

#### Possible scenarios

- 1 reactor core is damaged but crisis is avoided
- 2 cooling function is restored and operation is suspended at cool temperature
- 3 container is damaged and the large amount of radioactive materials are released

🔍 画像の拡大

外部電源は使えるようになったものの、冷却に使える装置がすぐには 100%動かず、現在の応急的な冷却に頼りながら徐々に原子炉を冷やしていく。最もあり得るシナリオだ。

津波などの影響で冷却システムのポンプやモーターなどのすべては順調に動かない可能性が高いためだ。「電気は通じるようになったがまだすぐ使える状況ではなく、予断を許さない」（中野益宏・日本原子力技術協会情報・分析部長）との見方が根強い。

この場合、本来の冷却システムの復旧を目指しながら、消火用のシステムを使ってポンプで海水を断続的に注入するという現在の方法を続けることになる。

このやり方では安全な温度に下がるまで数週間かかるとみられる。水の注入が長期化すると、原子炉内の圧力を下げるため炉内の水蒸気を外に出す必要が生じ、放射性物質が徐々に放出される。注入した水の一部が漏れて現場付近の汚染が広がる懸念も出てくる。

また、現在のように冷却に海水を使い続けると「冷却水の蒸発で塩がたまり、配管をふさいで冷却効果を落としたり弁をつまらせたりする恐れがある」（有富正憲・東京工業大学原子炉工学研究所長）との懸念もある。

Although external power sources become available, the cooling equipments are not restored 100%. Reactor will be cooled down gradually using emergency cooling system. Most likely scenario.

Due to the effect of Tsunami, the cooling pumps and motors do not perform well.

Under these circumstances, they need to continue current operation, which is to intermittently inject seawater using fire pump as they work at restoring the cooling system.

Under this scenario, it would take weeks to bring the temperature down to the safe level. If water continue to be injected for long period of time, there would be a need for releasing moisture vapor in order to lower the pressure inside the reactor resulting in gradual release of radioactive materials. There is also concern that some of the water injected could be leaked outside causing contamination in the vicinity of the plant.

### **【ケース 2】 冷却機能が回復し冷温停止**

**[Case 2] Reactor stops at cool temperature as a result of restoration of the cooling system**

最も好ましいケースは、原子炉を冷却するための本来のシステムが外部電源の開通によってトラブルなく動くこと。そうなれば数日で原子炉を「冷温停止」と呼ばれる安全な状態に持っていくことができる。

利用できる冷却機能には炉心への注水システムと、冷却水を循環させて炉心を冷やすシステムがあるが、まず炉心への注水の実施を目指す。ホウ酸水注入系と制御棒駆動系という、通常は別の目的で備えた仕組みを使い、海水や水を注入する。

これらによって応急的に原子炉を冷やした後、水を循環させて原子炉を冷やすシステムを動かすことになる。

だが、故障部品などがあればこうしたシナリオは狂ってしまう。

Most favorable scenario is to restore the cooling system. Once the cooling system starts to operate using external power source, the reactor would stop at cool temperature and become stabilized in a few days.

### **【ケース 3】 容器破損で放射性物質放出**

**[Case 3: radioactive materials released as a result of container damage]**

最も懸念されるのは燃料棒が完全に溶けて、圧力容器や格納容器を破損させてしまうこと。大量の放射性物質を含む燃料が外部に出てしまう。高温の燃料が付近の水と反応して水蒸気爆発が起きることも心配される。

燃料棒の温度上昇と応急措置的な冷却のバランスが崩れて、燃料棒が過熱する可能性は捨てきれない。だが出光一哉・九州大学教授は「これまでの冷却で燃料棒の溶解を抑え込んできた。これ以上過酷な事故に進展する可能性は低いだろう」とみている。

ただ、たとえ 1 つの原子炉で事態が悪化するだけでも、そこで放射線量が急増すれば他の炉の復旧作業が困難となり作業員が退避を迫られる。すべての原子炉や使用済み燃料プールの注水作業ができなくなり、手がつけられない状態になる。



The worst scenario is a complete meltdown of fuel rods resulting in damages of containment and container vessel. This will cause the large amount of radioactive materials to be released. There is also a concern for possible water vapor explosion as a result of reaction between high temperature fuel and water near it.

We can't rule out the possibility of fuel rods becoming overheated due to imbalance between rising temperature of fuel rods and emergency cooling operation. According to Prof. Kazuya Idemitsu of Kyushu University, "Probability of the situation getting worse than it is now is low because so far we have managed to prevent fuel rods from being melted down.

However, even one element went wrong at nuclear reactor which would cause radiation dose to surge, restoration activities have to be suspended and workers need to be evacuated therefore unable to continue watering the reactors and spent fuel pool. This may lead to unmanageable situation.

### 福島第1原発の現状

(current situation of Fukushima Dai-ichi)

| 号機<br>(地震発生時の状況) | 使用済み<br>建屋核燃料 圧力容器の燃料棒<br>プール |           |          | 格納<br>容器 |
|------------------|-------------------------------|-----------|----------|----------|
|                  | 建屋                            | 核燃料       | 圧力容器の燃料棒 |          |
| 1号機<br>(運転中)     | ×<br>水素<br>爆発                 | 不明        | ×<br>損傷  | ○<br>維持  |
| 2号機<br>(運転中)     | △<br>壁に<br>損傷                 | △<br>やや高め | ×<br>損傷か | △<br>損傷か |
| 3号機<br>(運転中)     | ×<br>水素                       | △<br>過熱か  | ×<br>損傷か | ○<br>維持  |

# 福島第1原発の現状 (current situation of Fukushima Dai-ichi)

爆発  
×  
4号機  
(停止中) 一時 過熱か な し 維持  
火災

(注) 5、6号機は安定した「冷温停止」状態

利用できる冷却機能には炉心への注水システム

(current situation of Fukushima Dai-ichi)

| Unit # | Building            | Spent fuel pool | Fuel rods in containment | Container vessel |
|--------|---------------------|-----------------|--------------------------|------------------|
| 1      | Hydrogen explosion  | Unknown         | Damaged                  | maintained       |
| 2      | Damages on the wall | Slightly high   | Damaged?                 | Damaged?         |
| 3      | Hydrogen explosion  | Overheated?     | Damaged?                 | maintained       |
| 4      | Temporary fire      | Overheated?     | Damaged?                 | maintained       |

Notes: Units 5 and 6 are in stable condition: operation suspended at cool temperature

**From:** LIA10 Hoc  
**Sent:** Thursday, March 24, 2011 12:19 AM  
**To:** LIA09 Hoc  
**Subject:** FW: Nikkei Article: Fukushima Dai-ichi - 3 possibilities - depends on cooling system 6:56am March 24  
**Attachments:** image001.jpg; image002.gif

**From:** LIA10 Hoc  
**Sent:** Wednesday, March 23, 2011 7:15 PM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Nikkei Article: Fukushima Dai-ichi - 3 possibilities - depends on cooling system 6:56am March 24

## 福島第1原発、3つの可能性 冷却システムが左右

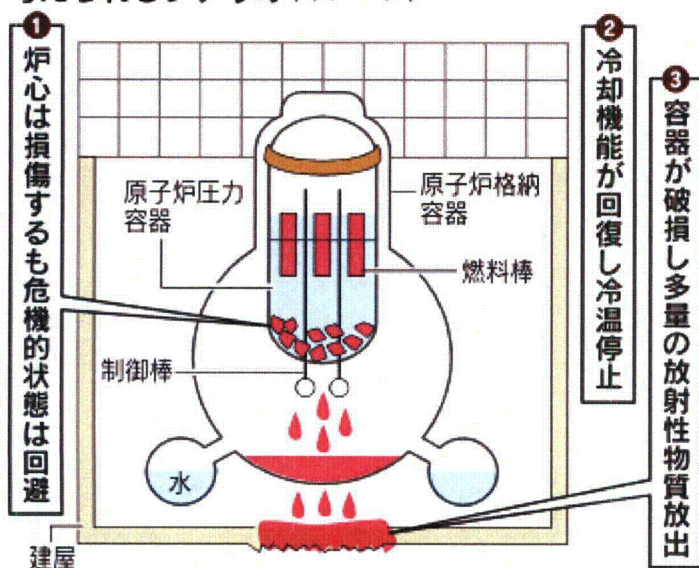
Fukushima Dai-ichi, 3 Possibilities – all Depends on the Cooling System  
(6:56am, March 24)

Bottom of Form

東京電力福島第1原子力発電所では外部電源を使う準備が整い、原子炉内の燃料の過熱が懸念される1～3号機で外部電力を使った冷却作業が始まる。原子炉を安全な状態にどう持っていけるか、想定されるシナリオを検証する。

At Fukushima Dai-ichi, they are going to start cooling operations using external power sources for unit 1-3 which are

考えられるシナリオ(イメージ)



【ケース1】炉心損傷したが危機は回避

III / 128

## [Case 1] reactor core is damaged, but crisis is avoided

### Possible scenarios

1 reactor core is damaged but crisis is avoided

2 cooling function is restored and operation is suspended at cool temperature

3 container is damaged and the large amount of radioactive materials are released



外部電源は使えるようになったものの、冷却に使える装置がすぐには 100%動かず、現在の応急的な冷却に頼りながら徐々に原子炉を冷やしていく。最もあり得るシナリオだ。

津波などの影響で冷却システムのポンプやモーターなどのすべては順調に動かない可能性が高いためだ。「電気は通じるようになったがまだすぐ使える状況ではなく、予断を許さない」（中野益宏・日本原子力技術協会情報・分析部長）との見方が根強い。

この場合、本来の冷却システムの復旧を目指しながら、消火用のシステムを使ってポンプで海水を断続的に注入するという現在の方法を続けることになる。

このやり方では安全な温度に下がるまで数週間かかるとみられる。水の注入が長期化すると、原子炉内の圧力を下げるため炉内の水蒸気を外に出す必要が生じ、放射性物質が徐々に放出される。注入した水の一部が漏れて現場付近の汚染が広がる懸念も出てくる。

また、現在のように冷却に海水を使い続けると「冷却水の蒸発で塩がたまり、配管をふさいで冷却効果を落としたり弁をつまらせたりする恐れがある」（有富正憲・東京工業大学原子炉工学研究所長）との懸念もある。

Although external power sources become available, the cooling equipments are not restored 100%. Reactor will be cooled down gradually using emergency cooling system. Most likely scenario.

Due to the effect of Tsunami, the cooling pumps and motors do not perform well.

Under these circumstances, they need to continue current operation, which is to intermittently inject seawater using fire pump as they work at restoring the cooling system.

Under this scenario, it would take weeks to bring the temperature down to the safe level. If water continue to be injected for long period of time, there would be a need for releasing moisture vapor in order to lower the pressure inside the reactor resulting in gradual release of radioactive materials. There is also concern that some of the water injected could be leaked outside causing contamination in the vicinity of the plant.

### 【ケース 2】冷却機能が回復し冷温停止

[Case 2] Reactor stops at cool temperature as a result of restoration of the cooling system



最も好ましいケースは、原子炉を冷却するための本来のシステムが外部電源の開通によってトラブルなく動くこと。そうなれば数日で原子炉を「冷温停止」と呼ばれる安全な状態に持っていくことができる。

利用できる冷却機能には炉心への注水システムと、冷却水を循環させて炉心を冷やすシステムがあるが、まず炉心への注水の実施を目指す。ホウ酸水注入系と制御棒駆動系という、通常は別の目的で備えた仕組みを使い、海水や水を注入する。

これらによって応急的に原子炉を冷やした後、水を循環させて原子炉を冷やすシステムを動かすことになる。

だが、故障部品などがあればこうしたシナリオは狂ってしまう。

Most favorable scenario is to restore the cooling system. Once the cooling system starts to operate using external power source, the reactor would stop at cool temperature and become stabilized in a few days.

### 【ケース3】容器破損で放射性物質放出

[Case 3: radioactive materials released as a result of container damage]

最も懸念されるのは燃料棒が完全に溶けて、圧力容器や格納容器を破損させてしまうこと。大量の放射性物質を含む燃料が外部に出てしまう。高温の燃料が付近の水と反応して水蒸気爆発が起きることも心配される。

燃料棒の温度上昇と応急措置的な冷却のバランスが崩れて、燃料棒が過熱する可能性は捨てきれない。だが出光一哉・九州大学教授は「これまでの冷却で燃料棒の溶解を抑え込んできた。これ以上過酷な事故に進展する可能性は低いだろう」とみている。

ただ、たとえ1つの原子炉で事態が悪化するだけでも、そこで放射線量が急増すれば他の炉の復旧作業が困難となり作業員が退避を迫られる。すべての原子炉や使用済み燃料プールの注水作業ができなくなり、手がつけられない状態になる。

The worst scenario is a complete meltdown of fuel rods resulting in damages of containment and container vessel. This will cause the large amount of radioactive materials to be released. There is also a concern for possible water vapor explosion as a result of reaction between high temperature fuel and water near it.

We can't rule out the possibility of fuel rods becoming overheated due to imbalance between rising temperature of fuel rods and emergency cooling operation. According to Prof Kazuya Idemitsu of Kyushu University, "Probability of the situation getting worse than it is now is low because so far we have managed to prevent fuel rods from being melted down."

However, even one element went wrong at nuclear reactor which would cause radiation dose to surge, restoration activities have to be suspended and workers need to be evacuated

therefore unable to continue watering the reactors and spent fuel pool. This may lead to unmanageable situation.

### 福島第1原発の現状

(current situation of Fukushima Dai-ichi)

| 号機<br>(地震発生時の状況) | 使用済み<br>建屋核燃料<br>プール | 圧力容器の燃料棒         | 格納<br>容器 |
|------------------|----------------------|------------------|----------|
| 1号機<br>(運転中)     | ×<br>水素<br>爆発        | ×<br>不明<br>損傷    | ○<br>維持  |
| 2号機<br>(運転中)     | △<br>壁に<br>損傷        | ×<br>やや高め<br>損傷か | △<br>損傷か |
| 3号機<br>(運転中)     | ×<br>水素<br>爆発        | ×<br>過熱か<br>損傷か  | ○<br>維持  |
| 4号機<br>(停止中)     | ×<br>一時<br>火災        | △<br>過熱か<br>なし   | ○<br>維持  |

(注) 5、6号機は安定した「冷温停止」状態

利用できる冷却機能には炉心への注水システム

(current situation of Fukushima Dai-ichi)

| Unit<br># | Building            | Spent fuel pool | Fuel rods in<br>containment | Container vessel |
|-----------|---------------------|-----------------|-----------------------------|------------------|
| 1         | Hydrogen explosion  | Unknown         | Damaged                     | maintained       |
| 2         | Damages on the wall | Slightly high   | Damaged?                    | Damaged?         |
| 3         | Hydrogen explosion  | Overheated?     | Damaged?                    | maintained       |

|   |                |             |          |            |
|---|----------------|-------------|----------|------------|
| 4 | Temporary fire | Overheated? | Damaged? | maintained |
|---|----------------|-------------|----------|------------|

Notes: Units 5 and 6 are in stable condition: operation suspended at cool temperature



---

**From:** LIA02 Hoc  
**Sent:** Thursday, March 24, 2011 11:26 AM  
**To:** ET02 Hoc; Stahl, Eric; Emche, Danielle; LIA03 Hoc  
**Subject:** FW: Blackberries

Does everyone need a new blackberry to go international or can they be reprogrammed.

Steve

---

**From:** Stahl, Eric  
**Sent:** Thursday, March 24, 2011 11:24 AM  
**To:** LIA02 Hoc; Emche, Danielle  
**Subject:** RE: Blackberries

I haven't gotten a new int'l BB. Have we confirmed we need new ones?

I don't need a laptop

---

**From:** LIA02 Hoc  
**Sent:** Thursday, March 24, 2011 11:23 AM  
**To:** Emche, Danielle; Stahl, Eric  
**Subject:** Blackberries

Have you gotten your international blackberries???

Eric, do you need a laptop?

Steve

III/129

---

**From:** LIA10 Hoc  
**Sent:** Friday, March 25, 2011 1:48 PM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** TEPCO-Rad Data at Plant-March 25 0600 with corrections in columns K-L.xlsx  
**Attachments:** TEPCO-Rad Data at Plant-March 25 0600 with corrections in columns K-L.xlsx

III / 130

【別紙】福島第一原子力発電所モニタリングカーによる計測状況  
Radaitaion data around Fukushima No.1 NPP by monitoring vehicle

| Date | Time       | Location | Location          | y-ray (μSv/h) |
|------|------------|----------|-------------------|---------------|
| 3/11 | P.M. 5:30  | 体育館付近    | around Gym        | 49 nG y/h     |
| 3/11 | P.M. 5:40  | 正門付近     | around Front Gate | 56 nG y/h     |
| 3/11 | P.M. 5:50  | 管理棟      | admin. Bldg.      | 64 nG y/h     |
| 3/11 | P.M. 6:45  | MP-6     |                   | 56 nG y/h     |
| 3/11 | P.M. 7:00  | MP-7     |                   | 57 nG y/h     |
| 3/11 | P.M. 7:10  | MP-5     |                   | 55 nG y/h     |
| 3/11 | P.M. 7:15  | MP-4     |                   | 59 nG y/h     |
| 3/11 | P.M. 7:20  | MP-3     |                   | 59 nG y/h     |
| 3/11 | P.M. 7:52  | MP-6     |                   | 57 nG y/h     |
| 3/11 | P.M. 8:00  | MP-6     |                   | 60 nG y/h     |
| 3/11 | P.M. 8:10  | MP-6     |                   | 59 nG y/h     |
| 3/11 | P.M. 8:20  | MP-6     |                   | 67 nG y/h     |
| 3/11 | P.M. 9:30  | 正門付近     | around Front Gate | 62 nG y/h     |
| 3/11 | P.M. 9:40  | 正門付近     | around Front Gate | 61 nG y/h     |
| 3/11 | P.M. 9:50  | 正門付近     | around Front Gate | 61 nG y/h     |
| 3/11 | P.M. 10:00 | 正門付近     | around Front Gate | 59 nG y/h     |
| 3/11 | P.M. 10:10 | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/11 | P.M. 10:20 | 正門付近     | around Front Gate | 62 nG y/h     |
| 3/11 | P.M. 10:30 | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/11 | P.M. 10:40 | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/11 | P.M. 10:50 | 正門付近     | around Front Gate | 59 nG y/h     |
| 3/11 | P.M. 11:00 | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/11 | P.M. 11:10 | 正門付近     | around Front Gate | 63 nG y/h     |
| 3/11 | P.M. 11:20 | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/11 | P.M. 11:40 | 正門付近     | around Front Gate | 63 nG y/h     |
| 3/11 | P.M. 11:50 | 正門付近     | around Front Gate | 59 nG y/h     |
| 3/12 | A.M.0:00   | 正門付近     | around Front Gate | 60 nG y/h     |
| 3/12 | A.M. 0:10  | 正門       | Front Gate        | 62 nG y/h     |
| 3/12 | A.M. 0:20  | 正門       | Front Gate        | 65 nG y/h     |
| 3/12 | A.M. 0:30  | 正門       | Front Gate        | 64 nG y/h     |
| 3/12 | A.M. 0:40  | 正門       | Front Gate        | 63 nG y/h     |
| 3/12 | A.M. 1:40  | 正門       | Front Gate        | 68 nG y/h     |
| 3/12 | A.M. 1:50  | 正門       | Front Gate        | 66 nG y/h     |
| 3/12 | A.M. 2:00  | 正門       | Front Gate        | 68 nG y/h     |
| 3/12 | A.M. 2:10  | 正門       | Front Gate        | 64 nG y/h     |
| 3/12 | A.M. 2:20  | 正門       | Front Gate        | 67 nG y/h     |
| 3/12 | A.M. 2:30  | 正門       | Front Gate        | 65 nG y/h     |
| 3/12 | A.M. 2:40  | 正門       | Front Gate        | 66 nG y/h     |
| 3/12 | A.M. 2:50  | 正門       | Front Gate        | 65 nG y/h     |

|      |           |           |             |            |
|------|-----------|-----------|-------------|------------|
| 3/12 | A.M. 3:00 | 正門        | Front Gate  | 69 nG y/h  |
| 3/12 | A.M. 3:10 | 正門        | Front Gate  | 66 nG y/h  |
| 3/12 | A.M. 3:20 | 正門        | Front Gate  | 69 nG y/h  |
| 3/12 | A.M. 3:30 | 正門        | Front Gate  | 68 nG y/h  |
| 3/12 | A.M. 3:40 | 正門        | Front Gate  | 66 nG y/h  |
| 3/12 | A.M. 3:50 | 正門        | Front Gate  | 64 nG y/h  |
| 3/12 | A.M. 4:00 | 正門        | Front Gate  | 69 nG y/h  |
| 3/12 | A.M. 4:40 | 正門        | Front Gate  | 866 nGy/h  |
| 3/12 | A.M. 4:50 | 正門        | Front Gate  | 1002 nGy/h |
| 3/12 | A.M. 5:00 | 正門        | Front Gate  | 1307 nGy/h |
| 3/12 | A.M. 5:10 | 正門        | Front Gate  | 1590 nGy/h |
| 3/12 | A.M.6:25  | M P - 8 付 | around MP-8 | 1.21μSv/h  |
| 3/12 | A.M. 6:30 | 正門        | Front Gate  | 3.29μSv/h  |
| 3/12 | A.M.6:30  | M P - 8 付 | around MP-8 | 1.53μSv/h  |
| 3/12 | A.M. 6:40 | 正門        | Front Gate  | 4.92μSv/h  |
| 3/12 | A.M.7:35  | M P - 8 付 | around MP-8 | 2.47μSv/h  |
| 3/12 | A.M.7:40  | M P - 8 付 | around MP-8 | 2.56μSv/h  |
| 3/12 | A.M.7:45  | M P - 8 付 | around MP-8 | 2.53μSv/h  |
| 3/12 | A.M. 7:50 | 正門        | Front Gate  | 4.97μSv/h  |
| 3/12 | A.M.7:50  | M P - 8 付 | around MP-8 | 2.50μSv/h  |
| 3/12 | A.M.7:55  | M P - 8 付 | around MP-8 | 2.50μSv/h  |
| 3/12 | A.M.8:00  | M P - 8 付 | around MP-8 | 2.42μSv/h  |
| 3/12 | A.M. 8:00 | 正門        | Front Gate  | 4.89μSv/h  |
| 3/12 | A.M.8:05  | M P - 8 付 | around MP-8 | 2.43μSv/h  |
| 3/12 | A.M. 8:10 | 正門        | Front Gate  | 5.08μSv/h  |
| 3/12 | A.M.8:15  | M P - 8 付 | around MP-8 | 2.40μSv/h  |
| 3/12 | A.M. 8:20 | 正門        | Front Gate  | 4.77μSv/h  |
| 3/12 | A.M.8:20  | M P - 8 付 | around MP-8 | 2.37μSv/h  |
| 3/12 | A.M.8:25  | M P - 8 付 | around MP-8 | 2.38μSv/h  |
| 3/12 | A.M.8:30  | M P - 8 付 | around MP-8 | 2.36μSv/h  |
| 3/12 | A.M.8:35  | M P - 8 付 | around MP-8 | 2.40μSv/h  |
| 3/12 | A.M. 8:40 | 正門        | Front Gate  | 4.56μSv/h  |
| 3/12 | A.M.8:40  | M P - 8 付 | around MP-8 | 2.34μSv/h  |
| 3/12 | A.M.8:45  | M P - 8 付 | around MP-8 | 2.51μSv/h  |
| 3/12 | A.M. 8:50 | 正門        | Front Gate  | 4.87μSv/h  |
| 3/12 | A.M.9:10  | M P - 8 付 | around MP-8 | 2.68μSv/h  |
| 3/12 | A.M.9:15  | M P - 8 付 | around MP-8 | 2.77μSv/h  |
| 3/12 | A.M.9:20  | M P - 8 付 | around MP-8 | 2.55μSv/h  |
| 3/12 | A.M.9:25  | M P - 8 付 | around MP-8 | 2.59μSv/h  |
| 3/12 | A.M. 9:30 | 正門        | Front Gate  | 5.16μSv/h  |
| 3/12 | A.M.9:30  | M P - 8 付 | around MP-8 | 2.61μSv/h  |
| 3/12 | A.M.9:35  | M P - 8 付 | around MP-8 | 2.59μSv/h  |
| 3/12 | A.M.9:40  | M P - 8 付 | around MP-8 | 2.62μSv/h  |
| 3/12 | A.M.9:45  | M P - 8 付 | around MP-8 | 2.64μSv/h  |
| 3/12 | A.M. 9:50 | 正門        | Front Gate  | 5.03μSv/h  |
| 3/12 | A.M.9:50  | M P - 8 付 | around MP-8 | 2.61μSv/h  |
| 3/12 | A.M.9:55  | M P - 8 付 | around MP-8 | 2.62μSv/h  |

|      |            |          |             |            |
|------|------------|----------|-------------|------------|
| 3/12 | A.M.10:00  | 正門       | Front Gate  | 5.28μSv/h  |
| 3/12 | A.M.10:00  | MP - 8 付 | around MP-8 | 4.50μSv/h  |
| 3/12 | A.M.10:05  | MP - 8 付 | around MP-8 | 4.56μSv/h  |
| 3/12 | A.M.10:10  | 正門       | Front Gate  | 6.65μSv/h  |
| 3/12 | A.M.10:10  | MP - 8 付 | around MP-8 | 4.61μSv/h  |
| 3/12 | A.M.10:15  | MP - 8 付 | around MP-8 | 4.25μSv/h  |
| 3/12 | A.M.10:20  | 正門       | Front Gate  | 180.2μSv/h |
| 3/12 | A.M.10:20  | MP - 8 付 | around MP-8 | 3.85μSv/h  |
| 3/12 | A.M.10:25  | MP - 8 付 | around MP-8 | 4.75μSv/h  |
| 3/12 | A.M.10:30  | 正門       | Front Gate  | 385.5μSv/h |
| 3/12 | A.M.10:30  | MP - 8 付 | around MP-8 | 9.14μSv/h  |
| 3/12 | A.M.10:35  | MP - 8 付 | around MP-8 | 24.1μSv/h  |
| 3/12 | A.M.10:40  | 正門       | Front Gate  | 162.9μSv/h |
| 3/12 | A.M.10:45  | MP - 8 付 | around MP-8 | 16.9μSv/h  |
| 3/12 | P.M. 10:50 | 正門       | Front Gate  | 7.04μSv/h  |
| 3/12 | P.M. 10:50 | MP - 8 付 | around MP-8 | 6.65μSv/h  |
| 3/12 | A.M.11:00  | 正門       | Front Gate  | 6.69μSv/h  |
| 3/12 | A.M.11:00  | MP - 8 付 | around MP-8 | 5.16μSv/h  |
| 3/12 | A.M.11:10  | 正門       | Front Gate  | 6.32μSv/h  |
| 3/12 | A.M.11:10  | MP - 8 付 | around MP-8 | 4.86μSv/h  |
| 3/12 | A.M.11:20  | 正門       | Front Gate  | 9.43μSv/h  |
| 3/12 | A.M.11:20  | MP - 8 付 | around MP-8 | 5.22μSv/h  |
| 3/12 | A.M.11:30  | 正門       | Front Gate  | 35.77μSv/h |
| 3/12 | A.M.11:30  | MP - 8 付 | around MP-8 | 5.03μSv/h  |
| 3/12 | A.M.11:40  | 正門       | Front Gate  | 12.53μSv/h |
| 3/12 | A.M.11:40  | MP - 8 付 | around MP-8 | 3.80μSv/h  |
| 3/12 | A.M.11:50  | 正門       | Front Gate  | 17.10μSv/h |
| 3/12 | A.M.11:50  | MP - 8 付 | around MP-8 | 4.05μSv/h  |
| 3/12 | P.M. 0:00  | 正門       | Front Gate  | 23.21μSv/h |
| 3/12 | P.M. 0:00  | MP - 8 付 | around MP-8 | 5.32μSv/h  |
| 3/12 | P.M. 0:05  | MP - 8 付 | around MP-8 | 8.80μSv/h  |
| 3/12 | P.M. 0:10  | 正門       | Front Gate  | 48.23μSv/h |
| 3/12 | A.M.0:10   | MP - 8 付 | around MP-8 | 13.5μSv/h  |
| 3/12 | P.M. 0:15  | MP - 8 付 | around MP-8 | 11.7μSv/h  |
| 3/12 | P.M. 0:20  | 正門       | Front Gate  | 11.56μSv/h |
| 3/12 | P.M. 0:20  | MP - 8 付 | around MP-8 | 4.13μSv/h  |
| 3/12 | P.M. 0:25  | MP - 8 付 | around MP-8 | 3.83μSv/h  |
| 3/12 | P.M. 0:30  | 正門       | Front Gate  | 5.78μSv/h  |
| 3/12 | P.M. 0:30  | MP - 8 付 | around MP-8 | 3.58μSv/h  |
| 3/12 | P.M. 0:40  | 正門       | Front Gate  | 5.62μSv/h  |
| 3/12 | P.M. 0:40  | MP - 8 付 | around MP-8 | 3.60μSv/h  |
| 3/12 | P.M. 0:50  | 正門       | Front Gate  | 5.48μSv/h  |
| 3/12 | P.M. 0:50  | MP - 8 付 | around MP-8 | 3.52μSv/h  |
| 3/12 | P.M. 1:00  | 正門       | Front Gate  | 5.39μSv/h  |
| 3/12 | P.M. 1:00  | MP - 8 付 | around MP-8 | 3.66μSv/h  |
| 3/12 | P.M. 1:10  | 正門       | Front Gate  | 5.31μSv/h  |
| 3/12 | P.M. 1:10  | MP - 8 付 | around MP-8 | 3.74μSv/h  |



|      |           |           |             |                  |
|------|-----------|-----------|-------------|------------------|
| 3/12 | P.M. 1:20 | 正門        | Front Gate  | 10.90 $\mu$ Sv/h |
| 3/12 | P.M. 1:30 | M P - 8 付 | around MP-8 | 2.33 $\mu$ Sv/h  |
| 3/12 | P.M. 1:40 | 正門        | Front Gate  | 4.782 $\mu$ Sv/h |
| 3/12 | P.M. 1:40 | M P - 8 付 | around MP-8 | 2.31 $\mu$ Sv/h  |
| 3/12 | P.M. 1:50 | M P - 8 付 | around MP-8 | 2.81 $\mu$ Sv/h  |
| 3/12 | P.M. 1:50 | 正門        | Front Gate  | 4.82 $\mu$ Sv/h  |
| 3/12 | P.M. 1:55 | M P - 8 付 | around MP-8 | 3.13 $\mu$ Sv/h  |
| 3/12 | P.M. 2:00 | 正門        | Front Gate  | 4.60 $\mu$ Sv/h  |
| 3/12 | P.M. 2:00 | M P - 8 付 | around MP-8 | 2.11 $\mu$ Sv/h  |
| 3/12 | P.M. 2:10 | 正門        | Front Gate  | 7.30 $\mu$ Sv/h  |
| 3/12 | P.M. 2:10 | M P - 8 付 | around MP-8 | 3.02 $\mu$ Sv/h  |
| 3/12 | P.M. 2:20 | 正門        | Front Gate  | 10.90 $\mu$ Sv/h |
| 3/12 | P.M. 2:20 | M P - 8 付 | around MP-8 | 3.80 $\mu$ Sv/h  |
| 3/12 | P.M. 2:30 | 正門        | Front Gate  | 9.98 $\mu$ Sv/h  |
| 3/12 | P.M. 2:30 | M P - 8 付 | around MP-8 | 3.49 $\mu$ Sv/h  |
| 3/12 | P.M. 2:40 | 正門        | Front Gate  | 8.86 $\mu$ Sv/h  |
| 3/12 | P.M. 2:40 | M P - 8 付 | around MP-8 | 3.33 $\mu$ Sv/h  |
| 3/12 | P.M. 2:50 | 正門        | Front Gate  | 7.72 $\mu$ Sv/h  |
| 3/12 | P.M. 2:50 | M P - 8 付 | around MP-8 | 3.50 $\mu$ Sv/h  |
| 3/12 | P.M. 3:00 | 正門        | Front Gate  | 6.95 $\mu$ Sv/h  |
| 3/12 | P.M. 3:00 | M P - 8 付 | around MP-8 | 3.50 $\mu$ Sv/h  |
| 3/12 | P.M. 3:10 | 正門        | Front Gate  | 6.99 $\mu$ Sv/h  |
| 3/12 | P.M. 3:10 | M P - 8 付 | around MP-8 | 3.33 $\mu$ Sv/h  |
| 3/12 | P.M. 3:20 | 正門        | Front Gate  | 5.59 $\mu$ Sv/h  |
| 3/12 | P.M. 3:20 | M P - 8 付 | around MP-8 | 3.23 $\mu$ Sv/h  |
| 3/12 | P.M. 3:30 | 正門        | Front Gate  | 5.49 $\mu$ Sv/h  |
| 3/12 | P.M. 3:30 | M P - 8 付 | around MP-8 | 3.21 $\mu$ Sv/h  |
| 3/12 | P.M. 3:40 | 正門        | Front Gate  | 8.23 $\mu$ Sv/h  |
| 3/12 | P.M. 3:40 | M P - 8 付 | around MP-8 | 3.33 $\mu$ Sv/h  |
| 3/12 | P.M. 3:50 | 正門        | Front Gate  | 5.311 $\mu$ Sv/h |
| 3/12 | P.M. 3:50 | M P - 8 付 | around MP-8 | 2.19 $\mu$ Sv/h  |
| 3/12 | P.M. 4:00 | 正門        | Front Gate  | 5.29 $\mu$ Sv/h  |
| 3/12 | P.M. 4:00 | M P - 8 付 | around MP-8 | 2.22 $\mu$ Sv/h  |
| 3/12 | P.M. 4:10 | 正門        | Front Gate  | 3.64 $\mu$ Sv/h  |
| 3/12 | P.M. 4:10 | M P - 8 付 | around MP-8 | 2.20 $\mu$ Sv/h  |
| 3/12 | P.M. 4:20 | 正門        | Front Gate  | 3.43 $\mu$ Sv/h  |
| 3/12 | P.M. 4:20 | M P - 8 付 | around MP-8 | 2.18 $\mu$ Sv/h  |
| 3/12 | P.M. 4:30 | 正門        | Front Gate  | 3.32 $\mu$ Sv/h  |
| 3/12 | P.M. 4:30 | M P - 8 付 | around MP-8 | 2.12 $\mu$ Sv/h  |
| 3/12 | P.M. 4:40 | 正門        | Front Gate  | 3.25 $\mu$ Sv/h  |
| 3/12 | P.M. 4:40 | M P - 8 付 | around MP-8 | 2.06 $\mu$ Sv/h  |
| 3/12 | P.M. 4:50 | 正門        | Front Gate  | 3.25 $\mu$ Sv/h  |
| 3/12 | P.M. 4:50 | M P - 8 付 | around MP-8 | 3.78 $\mu$ Sv/h  |
| 3/12 | P.M. 7:25 | M P - 8 付 | around MP-8 | 80.0 $\mu$ Sv/h  |
| 3/12 | P.M. 7:50 | 正門        | Front Gate  | 23.9 $\mu$ Sv/h  |
| 3/12 | P.M. 8:00 | 正門        | Front Gate  | 2.74 $\mu$ Sv/h  |
| 3/12 | P.M. 8:00 | M P - 8 付 | around MP-8 | 10.0 $\mu$ Sv/h  |

|      |            |           |             |             |
|------|------------|-----------|-------------|-------------|
| 3/12 | P.M. 8:10  | 正門        | Front Gate  | 3.21μSv/h   |
| 3/12 | P.M. 8:10  | M P - 8 付 | around MP-8 | 10.0μSv/h   |
| 3/12 | P.M. 8:20  | 正門        | Front Gate  | 3.19μSv/h   |
| 3/12 | P.M. 8:20  | M P - 8 付 | around MP-8 | 10.0μSv/h   |
| 3/12 | P.M. 8:30  | 正門        | Front Gate  | 3.16μSv/h   |
| 3/12 | P.M. 8:40  | M P - 8 付 | around MP-8 | 5.0μSv/h    |
| 3/12 | P.M. 8:50  | M P - 8 付 | around MP-8 | 6.0μSv/h    |
| 3/12 | P.M. 9:00  | M P - 8 付 | around MP-8 | 80.0μSv/h   |
| 3/12 | P.M. 9:10  | M P - 8 付 | around MP-8 | 80.0μSv/h   |
| 3/12 | P.M. 9:20  | M P - 8 付 | around MP-8 | 70.0μSv/h   |
| 3/12 | P.M. 9:30  | M P - 8 付 | around MP-8 | 80.0μSv/h   |
| 3/12 | P.M. 9:40  | M P - 8 付 | around MP-8 | 50.0μSv/h   |
| 3/12 | P.M. 9:50  | 正門        | Front Gate  | 2.958μSv/h  |
| 3/12 | P.M. 9:50  | M P - 8 付 | around MP-8 | 70.0μSv/h   |
| 3/12 | P.M. 10:00 | 正門        | Front Gate  | 2.985μSv/h  |
| 3/12 | P.M. 10:00 | M P - 8 付 | around MP-8 | 70.0μSv/h   |
| 3/12 | P.M. 10:10 | 正門        | Front Gate  | 21.620μSv/h |
| 3/12 | P.M. 10:20 | 正門        | Front Gate  | 2.91μSv/h   |
| 3/12 | P.M. 10:30 | 正門        | Front Gate  | 2.92μSv/h   |
| 3/12 | P.M. 10:30 | M P - 8 付 | around MP-8 | 4.87μSv/h   |
| 3/12 | P.M. 10:35 | M P - 8 付 | around MP-8 | 4.70μSv/h   |
| 3/12 | P.M. 10:40 | 正門        | Front Gate  | 2.85μSv/h   |
| 3/12 | P.M. 10:40 | M P - 8 付 | around MP-8 | 4.12μSv/h   |
| 3/12 | P.M. 10:50 | 正門        | Front Gate  | 3.14μSv/h   |
| 3/12 | P.M. 10:50 | M P - 8 付 | around MP-8 | 4.35μSv/h   |
| 3/12 | P.M. 11:00 | 正門        | Front Gate  | 3.33μSv/h   |
| 3/12 | P.M. 11:00 | M P - 8 付 | around MP-8 | 4.30μSv/h   |
| 3/12 | P.M. 11:10 | 正門        | Front Gate  | 3.29μSv/h   |
| 3/12 | P.M. 11:20 | 正門        | Front Gate  | 3.27μSv/h   |
| 3/12 | P.M. 11:30 | 正門        | Front Gate  | 3.09μSv/h   |
| 3/12 | P.M. 11:30 | M P - 8 付 | around MP-8 | 4.50μSv/h   |
| 3/12 | P.M. 11:40 | 正門        | Front Gate  | 3.21μSv/h   |
| 3/12 | P.M. 11:50 | 正門        | Front Gate  | 3.07μSv/h   |
| 3/13 | A.M. 0:00  | 正門        | Front Gate  | 3.16μSv/h   |
| 3/13 | A.M.0:00   | M P - 8 付 | around MP-8 | 5.0μSv/h    |
| 3/13 | A.M. 0:10  | 正門        | Front Gate  | 3.291μSv/h  |
| 3/13 | A.M.0:10   | M P - 8 付 | around MP-8 | 4.7μSv/h    |
| 3/13 | A.M. 0:20  | 正門        | Front Gate  | 3.016μSv/h  |
| 3/13 | A.M.0:20   | M P - 8 付 | around MP-8 | 4.5μSv/h    |
| 3/13 | A.M. 0:30  | 正門        | Front Gate  | 3.146μSv/h  |
| 3/13 | A.M.0:30   | M P - 8 付 | around MP-8 | 4.5μSv/h    |
| 3/13 | A.M. 0:40  | 正門        | Front Gate  | 3.181μSv/h  |
| 3/13 | A.M.0:40   | M P - 8 付 | around MP-8 | 5.0μSv/h    |
| 3/13 | A.M. 0:50  | 正門        | Front Gate  | 3.177μSv/h  |
| 3/13 | A.M.0:50   | M P - 8 付 | around MP-8 | 4.5μSv/h    |
| 3/13 | A.M. 1:00  | 正門        | Front Gate  | 3.201μSv/h  |
| 3/13 | A.M.1:00   | M P - 8 付 | around MP-8 | 5.5μSv/h    |



|      |           |          |             |                  |
|------|-----------|----------|-------------|------------------|
| 3/13 | A.M. 1:10 | 正門       | Front Gate  | 3.207 $\mu$ Sv/h |
| 3/13 | A.M.1:10  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 1:20 | 正門       | Front Gate  | 3.163 $\mu$ Sv/h |
| 3/13 | A.M.1:20  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 1:30 | 正門       | Front Gate  | 3.127 $\mu$ Sv/h |
| 3/13 | A.M.1:30  | MP - 8 付 | around MP-8 | 5.5 $\mu$ Sv/h   |
| 3/13 | A.M. 1:40 | 正門       | Front Gate  | 3.329 $\mu$ Sv/h |
| 3/13 | A.M.1:40  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 1:50 | 正門       | Front Gate  | 3.125 $\mu$ Sv/h |
| 3/13 | A.M.1:50  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 2:00 | 正門       | Front Gate  | 3.186 $\mu$ Sv/h |
| 3/13 | A.M.2:00  | MP - 8 付 | around MP-8 | 5.5 $\mu$ Sv/h   |
| 3/13 | A.M. 2:10 | 正門       | Front Gate  | 3.116 $\mu$ Sv/h |
| 3/13 | A.M.2:10  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 2:20 | 正門       | Front Gate  | 3.214 $\mu$ Sv/h |
| 3/13 | A.M.2:20  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 2:30 | 正門       | Front Gate  | 3.164 $\mu$ Sv/h |
| 3/13 | A.M.2:30  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 2:40 | 正門       | Front Gate  | 3.129 $\mu$ Sv/h |
| 3/13 | A.M.2:40  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 2:50 | 正門       | Front Gate  | 3.104 $\mu$ Sv/h |
| 3/13 | A.M.2:50  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 3:00 | 正門       | Front Gate  | 3.574 $\mu$ Sv/h |
| 3/13 | A.M. 3:10 | 正門       | Front Gate  | 3.978 $\mu$ Sv/h |
| 3/13 | A.M. 3:20 | 正門       | Front Gate  | 3.236 $\mu$ Sv/h |
| 3/13 | A.M. 3:30 | 正門       | Front Gate  | 3.103 $\mu$ Sv/h |
| 3/13 | A.M. 3:40 | 正門       | Front Gate  | 3.392 $\mu$ Sv/h |
| 3/13 | A.M.3:40  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 3:50 | 正門       | Front Gate  | 3.186 $\mu$ Sv/h |
| 3/13 | A.M.3:50  | MP - 8 付 | around MP-8 | 5.1 $\mu$ Sv/h   |
| 3/13 | A.M. 4:00 | 正門       | Front Gate  | 3.039 $\mu$ Sv/h |
| 3/13 | A.M.4:00  | MP - 8 付 | around MP-8 | 5.2 $\mu$ Sv/h   |
| 3/13 | A.M. 4:10 | 正門       | Front Gate  | 3.564 $\mu$ Sv/h |
| 3/13 | A.M.4:10  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 4:20 | 正門       | Front Gate  | 3.150 $\mu$ Sv/h |
| 3/13 | A.M.4:20  | MP - 8 付 | around MP-8 | 5.5 $\mu$ Sv/h   |
| 3/13 | A.M. 4:30 | 正門       | Front Gate  | 3.122 $\mu$ Sv/h |
| 3/13 | A.M.4:30  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 4:40 | 正門       | Front Gate  | 3.256 $\mu$ Sv/h |
| 3/13 | A.M.4:40  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M.4:50  | 正門       |             | 3.104 $\mu$ Sv/h |
| 3/13 | A.M.4:50  | MP - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h   |
| 3/13 | A.M. 5:00 | 正門       | Front Gate  | 3.204 $\mu$ Sv/h |
| 3/13 | A.M.5:00  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 5:10 | 正門       | Front Gate  | 3.360 $\mu$ Sv/h |
| 3/13 | A.M.5:10  | MP - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h   |
| 3/13 | A.M. 5:20 | 正門       | Front Gate  | 3.472 $\mu$ Sv/h |

|      |           |           |             |                    |
|------|-----------|-----------|-------------|--------------------|
| 3/13 | A.M.5:20  | M P - 8 付 | around MP-8 | 4.6 $\mu$ Sv/h     |
| 3/13 | A.M. 5:30 | 正門        | Front Gate  | 3.817 $\mu$ Sv/h   |
| 3/13 | A.M.5:30  | M P - 8 付 | around MP-8 | 5.0 $\mu$ Sv/h     |
| 3/13 | A.M. 5:40 | 正門        | Front Gate  | 3.224 $\mu$ Sv/h   |
| 3/13 | A.M.5:40  | M P - 8 付 | around MP-8 | 4.5 $\mu$ Sv/h     |
| 3/13 | A.M. 5:50 | 正門        | Front Gate  | 3.192 $\mu$ Sv/h   |
| 3/13 | A.M.5:50  | M P - 8 付 | around MP-8 | 5.2 $\mu$ Sv/h     |
| 3/13 | A.M. 6:00 | 正門        | Front Gate  | 3.467 $\mu$ Sv/h   |
| 3/13 | A.M.6:00  | M P - 8 付 | around MP-8 | 5.6 $\mu$ Sv/h     |
| 3/13 | A.M. 6:10 | 正門        | Front Gate  | 3.188 $\mu$ Sv/h   |
| 3/13 | A.M.6:10  | M P - 8 付 | around MP-8 | 5.9 $\mu$ Sv/h     |
| 3/13 | A.M. 6:20 | 正門        | Front Gate  | 3.160 $\mu$ Sv/h   |
| 3/13 | A.M.6:20  | M P - 8 付 | around MP-8 | 5.7 $\mu$ Sv/h     |
| 3/13 | A.M. 6:30 | 正門        | Front Gate  | 3.625 $\mu$ Sv/h   |
| 3/13 | A.M.6:30  | M P - 8 付 | around MP-8 | 5.7 $\mu$ Sv/h     |
| 3/13 | A.M. 6:40 | 正門        | Front Gate  | 3.092 $\mu$ Sv/h   |
| 3/13 | A.M.6:40  | M P - 8 付 | around MP-8 | 5.7 $\mu$ Sv/h     |
| 3/13 | A.M. 6:50 | 正門        | Front Gate  | 3.006 $\mu$ Sv/h   |
| 3/13 | A.M.6:50  | M P - 8 付 | around MP-8 | 5.7 $\mu$ Sv/h     |
| 3/13 | A.M. 7:00 | 正門        | Front Gate  | 3.652 $\mu$ Sv/h   |
| 3/13 | A.M.7:00  | M P - 8 付 | around MP-8 | 7.7 $\mu$ Sv/h     |
| 3/13 | A.M. 7:10 | 正門        | Front Gate  | 3.415 $\mu$ Sv/h   |
| 3/13 | A.M.7:10  | M P - 8 付 | around MP-8 | 8.5 $\mu$ Sv/h     |
| 3/13 | A.M. 7:20 | 正門        | Front Gate  | 3.325 $\mu$ Sv/h   |
| 3/13 | A.M.7:20  | M P - 8 付 | around MP-8 | 6.0 $\mu$ Sv/h     |
| 3/13 | A.M. 7:30 | 正門        | Front Gate  | 3.530 $\mu$ Sv/h   |
| 3/13 | A.M.7:30  | M P - 8 付 | around MP-8 | 5.6 $\mu$ Sv/h     |
| 3/13 | A.M. 7:40 | 正門        | Front Gate  | 3.413 $\mu$ Sv/h   |
| 3/13 | A.M. 7:50 | 正門        | Front Gate  | 7.227 $\mu$ Sv/h   |
| 3/13 | A.M. 8:00 | 正門        | Front Gate  | 3.510 $\mu$ Sv/h   |
| 3/13 | A.M. 8:10 | 正門        | Front Gate  | 3.166 $\mu$ Sv/h   |
| 3/13 | A.M.8:10  | M P - 1 付 | around MP-1 | 100 $\mu$ Sv/h     |
| 3/13 | A.M. 8:20 | 正門        | Front Gate  | 3.166 $\mu$ Sv/h   |
| 3/13 | A.M.8:20  | M P - 1 付 | around MP-1 | 100 $\mu$ Sv/h     |
| 3/13 | A.M. 8:30 | 正門        | Front Gate  | 14.730 $\mu$ Sv/h  |
| 3/13 | A.M.8:30  | M P - 1 付 | around MP-1 | 80 $\mu$ Sv/h      |
| 3/13 | A.M. 8:40 | 正門        | Front Gate  | 16.030 $\mu$ Sv/h  |
| 3/13 | A.M.8:40  | M P - 1 付 | around MP-1 | 80 $\mu$ Sv/h      |
| 3/13 | A.M. 8:50 | 正門        | Front Gate  | 15.900 $\mu$ Sv/h  |
| 3/13 | A.M.8:50  | M P - 1 付 | around MP-1 | 90 $\mu$ Sv/h      |
| 3/13 | A.M. 9:00 | 正門        | Front Gate  | 10.240 $\mu$ Sv/h  |
| 3/13 | A.M.9:00  | M P - 1 付 | around MP-1 | 37 $\mu$ Sv/h      |
| 3/13 | A.M.9:00  | M P - 4 付 | around MP-4 | 143.5 $\mu$ Sv/h   |
| 3/13 | A.M. 9:10 | 正門        | Front Gate  | 175.000 $\mu$ Sv/h |
| 3/13 | A.M.9:10  | M P - 1 付 | around MP-1 | 30 $\mu$ Sv/h      |
| 3/13 | A.M.9:10  | M P - 4 付 | around MP-4 | 137.8 $\mu$ Sv/h   |
| 3/13 | A.M. 9:20 | 正門        | Front Gate  | 281.700 $\mu$ Sv/h |

|      |           |          |             |                   |
|------|-----------|----------|-------------|-------------------|
| 3/13 | A.M.9:20  | MP - 1 付 | around MP-1 | 27 $\mu$ Sv/h     |
| 3/13 | A.M.9:20  | MP - 4 付 | around MP-4 | 76.9 $\mu$ Sv/h   |
| 3/13 | A.M. 9:30 | 正門       | Front Gate  | 26.000 $\mu$ Sv/h |
| 3/13 | A.M.9:30  | MP - 1 付 | around MP-1 | 25 $\mu$ Sv/h     |
| 3/13 | A.M.9:30  | MP - 4 付 | around MP-4 | 70.3 $\mu$ Sv/h   |
| 3/13 | A.M.9:40  | MP - 1 付 | around MP-1 | 25 $\mu$ Sv/h     |
| 3/13 | A.M.9:40  | MP - 4 付 | around MP-4 | 66.8 $\mu$ Sv/h   |
| 3/13 | A.M.9:50  | MP - 1 付 | around MP-1 | 23 $\mu$ Sv/h     |
| 3/13 | A.M.9:50  | MP - 4 付 | around MP-4 | 64.7 $\mu$ Sv/h   |
| 3/13 | A.M.10:00 | 正門       | Front Gate  | 6.512 $\mu$ Sv/h  |
| 3/13 | A.M.10:00 | MP - 1 付 | around MP-1 | 23 $\mu$ Sv/h     |
| 3/13 | A.M.10:00 | MP - 4 付 | around MP-4 | 62.9 $\mu$ Sv/h   |
| 3/13 | A.M.10:10 | 正門       | Front Gate  | 6.372 $\mu$ Sv/h  |
| 3/13 | A.M.10:10 | MP - 1 付 | around MP-1 | 23 $\mu$ Sv/h     |
| 3/13 | A.M.10:10 | MP - 4 付 | around MP-4 | 61.1 $\mu$ Sv/h   |
| 3/13 | A.M.10:20 | 正門       | Front Gate  | 8.265 $\mu$ Sv/h  |
| 3/13 | A.M.10:20 | MP - 1 付 | around MP-1 | 20 $\mu$ Sv/h     |
| 3/13 | A.M.10:20 | MP - 4 付 | around MP-4 | 61.8 $\mu$ Sv/h   |
| 3/13 | A.M.10:30 | 正門       | Front Gate  | 6.755 $\mu$ Sv/h  |
| 3/13 | A.M.10:30 | MP - 1 付 | around MP-1 | 19 $\mu$ Sv/h     |
| 3/13 | A.M.10:30 | MP - 4 付 | around MP-4 | 58.0 $\mu$ Sv/h   |
| 3/13 | A.M.10:40 | 正門       | Front Gate  | 6.020 $\mu$ Sv/h  |
| 3/13 | A.M.10:40 | MP - 1 付 | around MP-1 | 19 $\mu$ Sv/h     |
| 3/13 | A.M.10:40 | MP - 4 付 | around MP-4 | 56.8 $\mu$ Sv/h   |
| 3/13 | A.M.10:50 | 正門       | Front Gate  | 6.038 $\mu$ Sv/h  |
| 3/13 | A.M.10:50 | MP - 1 付 | around MP-1 | 19 $\mu$ Sv/h     |
| 3/13 | A.M.10:50 | MP - 4 付 | around MP-4 | 55.4 $\mu$ Sv/h   |
| 3/13 | A.M.11:00 | 正門       | Front Gate  | 5.766 $\mu$ Sv/h  |
| 3/13 | A.M.11:00 | MP - 1 付 | around MP-1 | 18 $\mu$ Sv/h     |
| 3/13 | A.M.11:00 | MP - 4 付 | around MP-4 | 54.3 $\mu$ Sv/h   |
| 3/13 | A.M.11:10 | 正門       | Front Gate  | 5.610 $\mu$ Sv/h  |
| 3/13 | A.M.11:10 | MP - 1 付 | around MP-1 | 18 $\mu$ Sv/h     |
| 3/13 | A.M.11:10 | MP - 4 付 | around MP-4 | 53.3 $\mu$ Sv/h   |
| 3/13 | A.M.11:20 | 正門       | Front Gate  | 5.998 $\mu$ Sv/h  |
| 3/13 | A.M.11:20 | MP - 1 付 | around MP-1 | 18 $\mu$ Sv/h     |
| 3/13 | A.M.11:20 | MP - 4 付 | around MP-4 | 53.7 $\mu$ Sv/h   |
| 3/13 | A.M.11:30 | 正門       | Front Gate  | 7.888 $\mu$ Sv/h  |
| 3/13 | A.M.11:30 | MP - 1 付 | around MP-1 | 17 $\mu$ Sv/h     |
| 3/13 | A.M.11:30 | MP - 4 付 | around MP-4 | 51.3 $\mu$ Sv/h   |
| 3/13 | A.M.11:40 | 正門       | Front Gate  | 6.837 $\mu$ Sv/h  |
| 3/13 | A.M.11:40 | MP - 1 付 | around MP-1 | 17 $\mu$ Sv/h     |
| 3/13 | A.M.11:40 | MP - 4 付 | around MP-4 | 50.0 $\mu$ Sv/h   |
| 3/13 | A.M.11:50 | 正門       | Front Gate  | 6.617 $\mu$ Sv/h  |
| 3/13 | A.M.11:50 | MP - 1 付 | around MP-1 | 17 $\mu$ Sv/h     |
| 3/13 | A.M.11:50 | MP - 4 付 | around MP-4 | 49.4 $\mu$ Sv/h   |
| 3/13 | P.M. 0:00 | 正門       | Front Gate  | 5.545 $\mu$ Sv/h  |
| 3/13 | P.M. 0:00 | MP - 1 付 | around MP-1 | 17 $\mu$ Sv/h     |

|      |           |          |             |             |
|------|-----------|----------|-------------|-------------|
| 3/13 | P.M. 0:00 | MP - 4 付 | around MP-4 | 48.7μSv/h   |
| 3/13 | P.M. 0:10 | 正門       | Front Gate  | 5.537μSv/h  |
| 3/13 | P.M. 0:10 | MP - 1 付 | around MP-1 | 18μSv/h     |
| 3/13 | P.M. 0:10 | MP - 4 付 | around MP-4 | 47.8μSv/h   |
| 3/13 | P.M. 0:20 | 正門       | Front Gate  | 5.316μSv/h  |
| 3/13 | P.M. 0:20 | MP - 1 付 | around MP-1 | 18μSv/h     |
| 3/13 | P.M. 0:20 | MP - 4 付 | around MP-4 | 47.1μSv/h   |
| 3/13 | P.M. 0:30 | 正門       | Front Gate  | 5.495μSv/h  |
| 3/13 | P.M. 0:30 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 0:30 | MP - 4 付 | around MP-4 | 46.3μSv/h   |
| 3/13 | P.M. 0:40 | 正門       | Front Gate  | 5.266μSv/h  |
| 3/13 | P.M. 0:40 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 0:40 | MP - 4 付 | around MP-4 | 49.7μSv/h   |
| 3/13 | P.M. 0:50 | 正門       | Front Gate  | 5.369μSv/h  |
| 3/13 | P.M. 0:50 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 0:50 | MP - 4 付 | around MP-4 | 45.2μSv/h   |
| 3/13 | P.M. 1:00 | 正門       | Front Gate  | 4.953μSv/h  |
| 3/13 | P.M. 1:00 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 1:00 | MP - 4 付 | around MP-4 | 44.6μSv/h   |
| 3/13 | P.M. 1:10 | 正門       | Front Gate  | 4.794μSv/h  |
| 3/13 | P.M. 1:10 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 1:10 | MP - 4 付 | around MP-4 | 44.0μSv/h   |
| 3/13 | P.M. 1:20 | 正門       | Front Gate  | 4.907μSv/h  |
| 3/13 | P.M. 1:20 | MP - 1 付 | around MP-1 | 17μSv/h     |
| 3/13 | P.M. 1:20 | MP - 4 付 | around MP-4 | 43.5μSv/h   |
| 3/13 | P.M. 1:30 | 正門       | Front Gate  | 4.852μSv/h  |
| 3/13 | P.M. 1:30 | MP - 1 付 | around MP-1 | 16μSv/h     |
| 3/13 | P.M. 1:30 | MP - 4 付 | around MP-4 | 42.9μSv/h   |
| 3/13 | P.M. 1:40 | 正門       | Front Gate  | 4.883μSv/h  |
| 3/13 | P.M. 1:40 | MP - 1 付 | around MP-1 | 16μSv/h     |
| 3/13 | P.M. 1:40 | MP - 4 付 | around MP-4 | 44.0μSv/h   |
| 3/13 | P.M. 1:50 | 正門       | Front Gate  | 4.965μSv/h  |
| 3/13 | P.M. 1:50 | MP - 1 付 | around MP-1 | 24μSv/h     |
| 3/13 | P.M. 1:50 | MP - 4 付 | around MP-4 | 905.1μSv/h  |
| 3/13 | P.M. 2:00 | 正門       | Front Gate  | 21.880μSv/h |
| 3/13 | P.M. 2:00 | MP - 1 付 | around MP-1 | 21μSv/h     |
| 3/13 | P.M. 2:00 | MP - 4 付 | around MP-4 | 499.3μSv/h  |
| 3/13 | P.M. 2:10 | 正門       | Front Gate  | 39.710μSv/h |
| 3/13 | P.M. 2:10 | MP - 1 付 | around MP-1 | 21μSv/h     |
| 3/13 | P.M. 2:10 | MP - 4 付 | around MP-4 | 646.0μSv/h  |
| 3/13 | P.M. 2:20 | 正門       | Front Gate  | 57.630μSv/h |
| 3/13 | P.M. 2:20 | MP - 1 付 | around MP-1 | 21μSv/h     |
| 3/13 | P.M. 2:20 | MP - 4 付 | around MP-4 | 135.4μSv/h  |
| 3/13 | P.M. 2:30 | 正門       | Front Gate  | 17.610μSv/h |
| 3/13 | P.M. 2:30 | MP - 1 付 | around MP-1 | 32μSv/h     |
| 3/13 | P.M. 2:30 | MP - 4 付 | around MP-4 | 129.9μSv/h  |
| 3/13 | P.M. 2:40 | 正門       | Front Gate  | 10.050μSv/h |

|      |           |           |             |                   |
|------|-----------|-----------|-------------|-------------------|
| 3/13 | P.M. 2:40 | M P - 1 付 | around MP-1 | 52 $\mu$ Sv/h     |
| 3/13 | P.M. 2:40 | M P - 4 付 | aournd MP-4 | 133.0 $\mu$ Sv/h  |
| 3/13 | P.M. 2:50 | 正門        | Front Gate  | 10.850 $\mu$ Sv/h |
| 3/13 | P.M. 2:50 | M P - 1 付 | around MP-1 | 35 $\mu$ Sv/h     |
| 3/13 | P.M. 2:50 | M P - 4 付 | aournd MP-4 | 169.0 $\mu$ Sv/h  |
| 3/13 | P.M. 3:00 | 正門        | Front Gate  | 8.311 $\mu$ Sv/h  |
| 3/13 | P.M. 3:00 | M P - 1 付 | around MP-1 | 52 $\mu$ Sv/h     |
| 3/13 | P.M. 3:00 | M P - 4 付 | aournd MP-4 | 58.7 $\mu$ Sv/h   |
| 3/13 | P.M. 3:10 | 正門        | Front Gate  | 5.717 $\mu$ Sv/h  |
| 3/13 | P.M. 3:10 | M P - 1 付 | around MP-1 | 100 $\mu$ Sv/h    |
| 3/13 | P.M. 3:10 | M P - 4 付 | aournd MP-4 | 54.3 $\mu$ Sv/h   |
| 3/13 | P.M. 3:20 | 正門        | Front Gate  | 4.717 $\mu$ Sv/h  |
| 3/13 | P.M. 3:20 | M P - 1 付 | around MP-1 | 24 $\mu$ Sv/h     |
| 3/13 | P.M. 3:20 | M P - 4 付 | aournd MP-4 | 54.0 $\mu$ Sv/h   |
| 3/13 | P.M. 3:30 | 正門        | Front Gate  | 4.461 $\mu$ Sv/h  |
| 3/13 | P.M. 3:30 | M P - 1 付 | around MP-1 | 34 $\mu$ Sv/h     |
| 3/13 | P.M. 3:30 | M P - 4 付 | aournd MP-4 | 51.8 $\mu$ Sv/h   |
| 3/13 | P.M. 3:40 | 正門        | Front Gate  | 4.360 $\mu$ Sv/h  |
| 3/13 | P.M. 3:40 | M P - 1 付 | around MP-1 | 24 $\mu$ Sv/h     |
| 3/13 | P.M. 3:40 | M P - 4 付 | aournd MP-4 | 56.5 $\mu$ Sv/h   |
| 3/13 | P.M. 3:50 | 正門        | Front Gate  | 5.469 $\mu$ Sv/h  |
| 3/13 | P.M. 3:50 | M P - 1 付 | around MP-1 | 30 $\mu$ Sv/h     |
| 3/13 | P.M. 3:50 | M P - 4 付 | aournd MP-4 | 76.1 $\mu$ Sv/h   |
| 3/13 | P.M. 4:00 | 正門        | Front Gate  | 5.154 $\mu$ Sv/h  |
| 3/13 | P.M. 4:00 | M P - 1 付 | around MP-1 | 31 $\mu$ Sv/h     |
| 3/13 | P.M. 4:00 | M P - 4 付 | aournd MP-4 | 107.1 $\mu$ Sv/h  |
| 3/13 | P.M. 4:10 | 正門        | Front Gate  | 4.555 $\mu$ Sv/h  |
| 3/13 | P.M. 4:10 | M P - 1 付 | around MP-1 | 45 $\mu$ Sv/h     |
| 3/13 | P.M. 4:10 | M P - 4 付 | aournd MP-4 | 58.0 $\mu$ Sv/h   |
| 3/13 | P.M. 4:20 | 正門        | Front Gate  | 4.336 $\mu$ Sv/h  |
| 3/13 | P.M. 4:20 | M P - 1 付 | around MP-1 | 150 $\mu$ Sv/h    |
| 3/13 | P.M. 4:20 | M P - 4 付 | aournd MP-4 | 57.6 $\mu$ Sv/h   |
| 3/13 | P.M. 4:30 | 正門        | Front Gate  | 4.277 $\mu$ Sv/h  |
| 3/13 | P.M. 4:30 | M P - 1 付 | around MP-1 | 46 $\mu$ Sv/h     |
| 3/13 | P.M. 4:30 | M P - 4 付 | aournd MP-4 | 71.5 $\mu$ Sv/h   |
| 3/13 | P.M. 4:40 | 正門        | Front Gate  | 4.235 $\mu$ Sv/h  |
| 3/13 | P.M. 4:40 | M P - 1 付 | around MP-1 | 60 $\mu$ Sv/h     |
| 3/13 | P.M. 4:40 | M P - 4 付 | aournd MP-4 | 57.2 $\mu$ Sv/h   |
| 3/13 | P.M. 4:50 | 正門        | Front Gate  | 4.224 $\mu$ Sv/h  |
| 3/13 | P.M. 4:50 | M P - 1 付 | around MP-1 | 30 $\mu$ Sv/h     |
| 3/13 | P.M. 4:50 | M P - 4 付 | aournd MP-4 | 100.1 $\mu$ Sv/h  |
| 3/13 | P.M. 5:00 | 正門        | Front Gate  | 4.301 $\mu$ Sv/h  |
| 3/13 | P.M. 5:00 | M P - 1 付 | around MP-1 | 120 $\mu$ Sv/h    |
| 3/13 | P.M. 5:00 | M P - 4 付 | aournd MP-4 | 79.4 $\mu$ Sv/h   |
| 3/13 | P.M. 5:10 | 正門        | Front Gate  | 4.213 $\mu$ Sv/h  |
| 3/13 | P.M. 5:10 | M P - 1 付 | around MP-1 | 62 $\mu$ Sv/h     |
| 3/13 | P.M. 5:10 | M P - 4 付 | aournd MP-4 | 60.8 $\mu$ Sv/h   |

|      |           |           |             |            |
|------|-----------|-----------|-------------|------------|
| 3/13 | P.M. 5:20 | 正門        | Front Gate  | 4.640μSv/h |
| 3/13 | P.M. 5:20 | M P - 1 付 | around MP-1 | 45μSv/h    |
| 3/13 | P.M. 5:20 | M P - 4 付 | around MP-4 | 57.0μSv/h  |
| 3/13 | P.M. 5:30 | 正門        | Front Gate  | 5.171μSv/h |
| 3/13 | P.M. 5:30 | M P - 1 付 | around MP-1 | 36μSv/h    |
| 3/13 | P.M. 5:30 | M P - 4 付 | around MP-4 | 52.3μSv/h  |
| 3/13 | P.M. 5:40 | 正門        | Front Gate  | 5.898μSv/h |
| 3/13 | P.M. 5:40 | M P - 1 付 | around MP-1 | 40μSv/h    |
| 3/13 | P.M. 5:40 | M P - 4 付 | around MP-4 | 56.8μSv/h  |
| 3/13 | P.M. 5:50 | 正門        | Front Gate  | 5.953μSv/h |
| 3/13 | P.M. 5:50 | M P - 1 付 | around MP-1 | 35μSv/h    |
| 3/13 | P.M. 5:50 | M P - 4 付 | around MP-4 | 52.3μSv/h  |
| 3/13 | P.M. 6:00 | 正門        | Front Gate  | 5.382μSv/h |
| 3/13 | P.M. 6:00 | M P - 1 付 | around MP-1 | 35μSv/h    |
| 3/13 | P.M. 6:00 | M P - 4 付 | around MP-4 | 50.1μSv/h  |
| 3/13 | P.M. 6:10 | 正門        | Front Gate  | 5.168μSv/h |
| 3/13 | P.M. 6:10 | M P - 1 付 | around MP-1 | 30μSv/h    |
| 3/13 | P.M. 6:10 | M P - 4 付 | around MP-4 | 49.4μSv/h  |
| 3/13 | P.M. 6:20 | 正門        | Front Gate  | 5.250μSv/h |
| 3/13 | P.M. 6:20 | M P - 1 付 | around MP-1 | 27μSv/h    |
| 3/13 | P.M. 6:20 | M P - 4 付 | around MP-4 | 48.6μSv/h  |
| 3/13 | P.M. 6:30 | 正門        | Front Gate  | 4.883μSv/h |
| 3/13 | P.M. 6:30 | M P - 1 付 | around MP-1 | 26μSv/h    |
| 3/13 | P.M. 6:30 | M P - 4 付 | around MP-4 | 47.9μSv/h  |
| 3/13 | P.M. 6:40 | 正門        | Front Gate  | 4.980μSv/h |
| 3/13 | P.M. 6:40 | M P - 1 付 | around MP-1 | 25μSv/h    |
| 3/13 | P.M. 6:40 | M P - 4 付 | around MP-4 | 47.3μSv/h  |
| 3/13 | P.M. 6:50 | 正門        | Front Gate  | 4.831μSv/h |
| 3/13 | P.M. 6:50 | M P - 1 付 | around MP-1 | 25μSv/h    |
| 3/13 | P.M. 6:50 | M P - 4 付 | around MP-4 | 46.7μSv/h  |
| 3/13 | P.M. 7:00 | 正門        | Front Gate  | 5.224μSv/h |
| 3/13 | P.M. 7:00 | M P - 1 付 | around MP-1 | 25μSv/h    |
| 3/13 | P.M. 7:00 | M P - 4 付 | around MP-4 | 46.1μSv/h  |
| 3/13 | P.M. 7:10 | 正門        | Front Gate  | 5.077μSv/h |
| 3/13 | P.M. 7:10 | M P - 1 付 | around MP-1 | 23μSv/h    |
| 3/13 | P.M. 7:10 | M P - 4 付 | around MP-4 | 46.3μSv/h  |
| 3/13 | P.M. 7:20 | 正門        | Front Gate  | 4.709μSv/h |
| 3/13 | P.M. 7:20 | M P - 1 付 | around MP-1 | 22μSv/h    |
| 3/13 | P.M. 7:23 | M P - 4 付 | around MP-4 | 44.8μSv/h  |
| 3/13 | P.M. 7:30 | 正門        | Front Gate  | 4.622μSv/h |
| 3/13 | P.M. 7:30 | M P - 1 付 | around MP-1 | 20μSv/h    |
| 3/13 | P.M. 7:31 | M P - 4 付 | around MP-4 | 44.4μSv/h  |
| 3/13 | P.M. 7:40 | 正門        | Front Gate  | 4.844μSv/h |
| 3/13 | P.M. 7:40 | M P - 1 付 | around MP-1 | 26μSv/h    |
| 3/13 | P.M. 7:41 | M P - 4 付 | around MP-4 | 44.0μSv/h  |
| 3/13 | P.M. 7:50 | 正門        | Front Gate  | 5.577μSv/h |
| 3/13 | P.M. 7:50 | M P - 1 付 | around MP-1 | 24μSv/h    |



|      |            |           |             |                  |
|------|------------|-----------|-------------|------------------|
| 3/13 | P.M. 7:51  | M P - 4 付 | around MP-4 | 43.8 $\mu$ Sv/h  |
| 3/13 | P.M. 8:00  | 正門        | Front Gate  | 5.721 $\mu$ Sv/h |
| 3/13 | P.M. 8:00  | M P - 1 付 | around MP-1 | 24 $\mu$ Sv/h    |
| 3/13 | P.M. 8:01  | M P - 4 付 | around MP-4 | 43.2 $\mu$ Sv/h  |
| 3/13 | P.M. 8:10  | 正門        | Front Gate  | 4.471 $\mu$ Sv/h |
| 3/13 | P.M. 8:10  | M P - 2 付 | around MP-1 | 450 $\mu$ Sv/h   |
| 3/13 | P.M. 8:11  | M P - 4 付 | around MP-4 | 42.8 $\mu$ Sv/h  |
| 3/13 | P.M. 8:20  | 正門        | Front Gate  | 4.521 $\mu$ Sv/h |
| 3/13 | P.M. 8:20  | M P - 2 付 | around MP-1 | 450 $\mu$ Sv/h   |
| 3/13 | P.M. 8:21  | M P - 4 付 | around MP-4 | 42.5 $\mu$ Sv/h  |
| 3/13 | P.M. 8:30  | 正門        | Front Gate  | 4.427 $\mu$ Sv/h |
| 3/13 | P.M. 8:30  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 8:31  | M P - 4 付 | around MP-4 | 42.6 $\mu$ Sv/h  |
| 3/13 | P.M. 8:40  | 正門        | Front Gate  | 4.454 $\mu$ Sv/h |
| 3/13 | P.M. 8:40  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 8:41  | M P - 4 付 | around MP-4 | 42.0 $\mu$ Sv/h  |
| 3/13 | P.M. 8:50  | 正門        | Front Gate  | 4.377 $\mu$ Sv/h |
| 3/13 | P.M. 8:50  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 8:51  | M P - 4 付 | around MP-4 | 41.7 $\mu$ Sv/h  |
| 3/13 | P.M. 9:00  | 正門        | Front Gate  | 4.371 $\mu$ Sv/h |
| 3/13 | P.M. 9:00  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:01  | M P - 4 付 | around MP-4 | 41.3 $\mu$ Sv/h  |
| 3/13 | P.M. 9:10  | 正門        | Front Gate  | 4.480 $\mu$ Sv/h |
| 3/13 | P.M. 9:10  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:11  | M P - 4 付 | around MP-4 | 41.0 $\mu$ Sv/h  |
| 3/13 | P.M. 9:20  | 正門        | Front Gate  | 4.463 $\mu$ Sv/h |
| 3/13 | P.M. 9:20  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:21  | M P - 4 付 | around MP-4 | 40.8 $\mu$ Sv/h  |
| 3/13 | P.M. 9:30  | 正門        | Front Gate  | 4.552 $\mu$ Sv/h |
| 3/13 | P.M. 9:30  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:31  | M P - 4 付 | around MP-4 | 40.6 $\mu$ Sv/h  |
| 3/13 | P.M. 9:40  | 正門        | Front Gate  | 4.785 $\mu$ Sv/h |
| 3/13 | P.M. 9:40  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:41  | M P - 4 付 | around MP-4 | 40.3 $\mu$ Sv/h  |
| 3/13 | P.M. 9:50  | 正門        | Front Gate  | 4.626 $\mu$ Sv/h |
| 3/13 | P.M. 9:50  | M P - 2 付 | around MP-2 | 440 $\mu$ Sv/h   |
| 3/13 | P.M. 9:51  | M P - 4 付 | around MP-4 | 40.1 $\mu$ Sv/h  |
| 3/13 | P.M. 10:00 | 正門        | Front Gate  | 4.636 $\mu$ Sv/h |
| 3/13 | P.M. 10:00 | M P - 2 付 | around MP-2 | 430 $\mu$ Sv/h   |
| 3/13 | P.M. 10:01 | M P - 4 付 | around MP-4 | 39.8 $\mu$ Sv/h  |
| 3/13 | P.M. 10:10 | 正門        | Front Gate  | 4.622 $\mu$ Sv/h |
| 3/13 | P.M. 10:10 | M P - 2 付 | around MP-2 | 430 $\mu$ Sv/h   |
| 3/13 | P.M. 10:11 | M P - 4 付 | around MP-4 | 39.7 $\mu$ Sv/h  |
| 3/13 | P.M. 10:20 | 正門        | Front Gate  | 5.417 $\mu$ Sv/h |
| 3/13 | P.M. 10:20 | M P - 2 付 | around MP-2 | 430 $\mu$ Sv/h   |
| 3/13 | P.M. 10:21 | M P - 4 付 | around MP-4 | 40.4 $\mu$ Sv/h  |
| 3/13 | P.M. 10:30 | 正門        | Front Gate  | 4.645 $\mu$ Sv/h |



|      |            |           |             |                  |
|------|------------|-----------|-------------|------------------|
| 3/13 | P.M. 10:30 | M P - 2 付 | around MP-2 | 430 $\mu$ Sv/h   |
| 3/13 | P.M. 10:31 | M P - 4 付 | aournd MP-4 | 39.3 $\mu$ Sv/h  |
| 3/13 | P.M. 10:40 | 正門        | Front Gate  | 4.622 $\mu$ Sv/h |
| 3/13 | P.M. 10:40 | M P - 2 付 | around MP-2 | 430 $\mu$ Sv/h   |
| 3/13 | P.M. 10:41 | M P - 4 付 | aournd MP-4 | 39.1 $\mu$ Sv/h  |
| 3/13 | P.M. 10:50 | 正門        | Front Gate  | 4.632 $\mu$ Sv/h |
| 3/13 | P.M. 10:50 | M P - 2 付 | around MP-2 | 420 $\mu$ Sv/h   |
| 3/13 | P.M. 10:51 | M P - 4 付 | aournd MP-4 | 38.9 $\mu$ Sv/h  |
| 3/13 | P.M. 11:00 | 正門        | Front Gate  | 4.668 $\mu$ Sv/h |
| 3/13 | P.M. 11:00 | M P - 2 付 | around MP-2 | 420 $\mu$ Sv/h   |
| 3/13 | P.M. 11:01 | M P - 4 付 | aournd MP-4 | 38.7 $\mu$ Sv/h  |
| 3/13 | P.M. 11:10 | 正門        | Front Gate  | 4.700 $\mu$ Sv/h |
| 3/13 | P.M. 11:10 | M P - 2 付 | around MP-2 | 420 $\mu$ Sv/h   |
| 3/13 | P.M. 11:11 | M P - 4 付 | aournd MP-4 | 39.0 $\mu$ Sv/h  |
| 3/13 | P.M. 11:20 | 正門        | Front Gate  | 4.647 $\mu$ Sv/h |
| 3/13 | P.M. 11:20 | M P - 2 付 | around MP-2 | 420 $\mu$ Sv/h   |
| 3/13 | P.M. 11:21 | M P - 4 付 | aournd MP-4 | 38.3 $\mu$ Sv/h  |
| 3/13 | P.M. 11:30 | 正門        | Front Gate  | 4.610 $\mu$ Sv/h |
| 3/13 | P.M. 11:30 | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/13 | P.M. 11:31 | M P - 4 付 | aournd MP-4 | 38.2 $\mu$ Sv/h  |
| 3/13 | P.M. 11:40 | 正門        | Front Gate  | 4.828 $\mu$ Sv/h |
| 3/13 | P.M. 11:40 | M P - 2 付 | around MP-2 | 420 $\mu$ Sv/h   |
| 3/13 | P.M. 11:41 | M P - 4 付 | aournd MP-4 | 38.1 $\mu$ Sv/h  |
| 3/13 | P.M. 11:50 | 正門        | Front Gate  | 4.868 $\mu$ Sv/h |
| 3/13 | P.M. 11:50 | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/13 | P.M. 11:51 | M P - 4 付 | aournd MP-4 | 37.9 $\mu$ Sv/h  |
| 3/14 | A.M. 0:00  | 正門        | Front Gate  | 4.855 $\mu$ Sv/h |
| 3/14 | A.M.0:00   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:01   | M P - 4 付 | aournd MP-4 | 38.2 $\mu$ Sv/h  |
| 3/14 | A.M. 0:10  | 正門        | Front Gate  | 4.529 $\mu$ Sv/h |
| 3/14 | A.M.0:10   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:11   | M P - 4 付 | aournd MP-4 | 38.4 $\mu$ Sv/h  |
| 3/14 | A.M. 0:20  | 正門        | Front Gate  | 4.582 $\mu$ Sv/h |
| 3/14 | A.M.0:20   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:21   | M P - 4 付 | aournd MP-4 | 37.7 $\mu$ Sv/h  |
| 3/14 | A.M. 0:30  | 正門        | Front Gate  | 4.469 $\mu$ Sv/h |
| 3/14 | A.M.0:30   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:31   | M P - 4 付 | aournd MP-4 | 37.5 $\mu$ Sv/h  |
| 3/14 | A.M. 0:40  | 正門        | Front Gate  | 4.450 $\mu$ Sv/h |
| 3/14 | A.M.0:40   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:41   | M P - 4 付 | aournd MP-4 | 37.3 $\mu$ Sv/h  |
| 3/14 | A.M. 0:50  | 正門        | Front Gate  | 4.442 $\mu$ Sv/h |
| 3/14 | A.M.0:50   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.0:51   | M P - 4 付 | aournd MP-4 | 37.0 $\mu$ Sv/h  |
| 3/14 | A.M. 1:00  | 正門        | Front Gate  | 4.447 $\mu$ Sv/h |
| 3/14 | A.M.1:00   | M P - 2 付 | around MP-2 | 410 $\mu$ Sv/h   |
| 3/14 | A.M.1:01   | M P - 4 付 | aournd MP-4 | 38.0 $\mu$ Sv/h  |

|      |           |          |             |             |
|------|-----------|----------|-------------|-------------|
| 3/14 | A.M. 1:10 | 正門       | Front Gate  | 4.426μSv/h  |
| 3/14 | A.M.1:10  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.1:11  | MP - 4 付 | around MP-4 | 36.9μSv/h   |
| 3/14 | A.M. 1:20 | 正門       | Front Gate  | 4.281μSv/h  |
| 3/14 | A.M.1:20  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.1:21  | MP - 4 付 | around MP-4 | 36.7μSv/h   |
| 3/14 | A.M. 1:30 | 正門       | Front Gate  | 4.321μSv/h  |
| 3/14 | A.M.1:30  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.1:31  | MP - 4 付 | around MP-4 | 36.5μSv/h   |
| 3/14 | A.M. 1:40 | 正門       | Front Gate  | 4.322μSv/h  |
| 3/14 | A.M.1:40  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.1:41  | MP - 4 付 | around MP-4 | 36.4μSv/h   |
| 3/14 | A.M. 1:50 | 正門       | Front Gate  | 4.371μSv/h  |
| 3/14 | A.M.1:50  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.1:51  | MP - 4 付 | around MP-4 | 38.3μSv/h   |
| 3/14 | A.M. 2:00 | 正門       | Front Gate  | 4.356μSv/h  |
| 3/14 | A.M.2:00  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.2:00  | MP - 4 付 | around MP-4 | 36.4μSv/h   |
| 3/14 | A.M. 2:10 | 正門       | Front Gate  | 4.594μSv/h  |
| 3/14 | A.M.2:10  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.2:10  | MP - 4 付 | around MP-4 | 36.5μSv/h   |
| 3/14 | A.M. 2:20 | 正門       | Front Gate  | 751.2μSv/h  |
| 3/14 | A.M.2:20  | MP - 2 付 | around MP-2 | 410μSv/h    |
| 3/14 | A.M.2:20  | MP - 4 付 | around MP-4 | 44.6μSv/h   |
| 3/14 | A.M. 2:30 | 正門       | Front Gate  | 433.0μSv/h  |
| 3/14 | A.M.2:30  | MP - 2 付 | around MP-2 | 440μSv/h    |
| 3/14 | A.M.2:30  | MP - 4 付 | around MP-4 | 319.3μSv/h  |
| 3/14 | A.M. 2:40 | 正門       | Front Gate  | 420.0μSv/h  |
| 3/14 | A.M.2:40  | MP - 2 付 | around MP-2 | 650μSv/h    |
| 3/14 | A.M.2:40  | MP - 4 付 | around MP-4 | 189.7μSv/h  |
| 3/14 | A.M. 2:50 | 正門       | Front Gate  | 66.27μSv/h  |
| 3/14 | A.M.2:50  | MP - 2 付 | around MP-2 | 490μSv/h    |
| 3/14 | A.M.2:50  | MP - 4 付 | around MP-4 | 86.9μSv/h   |
| 3/14 | A.M. 3:00 | 正門       | Front Gate  | 65.520μSv/h |
| 3/14 | A.M.3:00  | MP - 2 付 | around MP-2 | 480μSv/h    |
| 3/14 | A.M.3:00  | MP - 4 付 | around MP-4 | 144.2μSv/h  |
| 3/14 | A.M. 3:10 | 正門       | Front Gate  | 45.5μSv/h   |
| 3/14 | A.M.3:10  | MP - 2 付 | around MP-2 | 650μSv/h    |
| 3/14 | A.M.3:10  | MP - 4 付 | around MP-4 | 129.8μSv/h  |
| 3/14 | A.M. 3:20 | 正門       | Front Gate  | 15.43μSv/h  |
| 3/14 | A.M.3:20  | MP - 2 付 | around MP-2 | 650μSv/h    |
| 3/14 | A.M.3:20  | MP - 4 付 | around MP-4 | 123.9μSv/h  |
| 3/14 | A.M. 3:30 | 正門       | Front Gate  | 18.99μSv/h  |
| 3/14 | A.M.3:30  | MP - 2 付 | around MP-2 | 720μSv/h    |
| 3/14 | A.M.3:30  | MP - 4 付 | around MP-4 | 112.9μSv/h  |
| 3/14 | A.M. 3:40 | 正門       | Front Gate  | 14.99μSv/h  |
| 3/14 | A.M.3:40  | MP - 2 付 | around MP-2 | 600μSv/h    |

|      |           |           |             |            |
|------|-----------|-----------|-------------|------------|
| 3/14 | A.M.3:40  | M P - 4 付 | around MP-4 | 73.6μSv/h  |
| 3/14 | A.M. 3:50 | 正門        | Front Gate  | 10.32μSv/h |
| 3/14 | A.M.3:50  | M P - 2 付 | around MP-2 | 680μSv/h   |
| 3/14 | A.M.3:50  | M P - 4 付 | around MP-4 | 70.0μSv/h  |
| 3/14 | A.M. 4:00 | 正門        | Front Gate  | 10.07μSv/h |
| 3/14 | A.M.4:00  | M P - 2 付 | around MP-2 | 820μSv/h   |
| 3/14 | A.M.4:00  | M P - 4 付 | around MP-4 | 68.8μSv/h  |
| 3/14 | A.M. 4:10 | 正門        | Front Gate  | 6.706μSv/h |
| 3/14 | A.M.4:10  | M P - 2 付 | around MP-2 | 450μSv/h   |
| 3/14 | A.M.4:10  | M P - 4 付 | around MP-4 | 54.7μSv/h  |
| 3/14 | A.M. 4:20 | 正門        | Front Gate  | 7.748μSv/h |
| 3/14 | A.M.4:20  | M P - 2 付 | around MP-2 | 430μSv/h   |
| 3/14 | A.M.4:20  | M P - 4 付 | around MP-4 | 47.6μSv/h  |
| 3/14 | A.M. 4:30 | 正門        | Front Gate  | 7.710μSv/h |
| 3/14 | A.M.4:30  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.4:30  | M P - 4 付 | around MP-4 | 50.0μSv/h  |
| 3/14 | A.M. 4:40 | 正門        | Front Gate  | 7.045μSv/h |
| 3/14 | A.M.4:40  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.4:40  | M P - 4 付 | around MP-4 | 42.9μSv/h  |
| 3/14 | A.M. 4:50 | 正門        | Front Gate  | 6.900μSv/h |
| 3/14 | A.M.4:50  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.4:51  | M P - 4 付 | around MP-4 | 40.6μSv/h  |
| 3/14 | A.M. 5:00 | 正門        | Front Gate  | 6.65μSv/h  |
| 3/14 | A.M.5:00  | M P - 2 付 | around MP-2 | 400μSv/h   |
| 3/14 | A.M.5:01  | M P - 4 付 | around MP-4 | 39.9μSv/h  |
| 3/14 | A.M. 5:10 | 正門        | Front Gate  | 6.516μSv/h |
| 3/14 | A.M.5:10  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.5:11  | M P - 4 付 | around MP-4 | 39.0μSv/h  |
| 3/14 | A.M. 5:20 | 正門        | Front Gate  | 6.735μSv/h |
| 3/14 | A.M.5:20  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.5:21  | M P - 4 付 | around MP-4 | 41.3μSv/h  |
| 3/14 | A.M. 5:29 | M P - 4 付 | Front Gate  | 41.3μSv/h  |
| 3/14 | A.M.5:30  | 正門        | around MP-2 | 6.494μSv/h |
| 3/14 | A.M.5:30  | M P - 2 付 | around MP-4 | 400μSv/h   |
| 3/14 | A.M. 5:40 | 正門        | Front Gate  | 6.410μSv/h |
| 3/14 | A.M.5:40  | M P - 2 付 | around MP-2 | 420μSv/h   |
| 3/14 | A.M.5:41  | M P - 4 付 | around MP-4 | 38.3μSv/h  |
| 3/14 | A.M. 5:50 | 正門        | Front Gate  | 6.340μSv/h |
| 3/14 | A.M.5:50  | M P - 2 付 | around MP-2 | 400μSv/h   |
| 3/14 | A.M.5:51  | M P - 4 付 | around MP-4 | 38.1μSv/h  |
| 3/14 | A.M. 6:00 | 正門        | Front Gate  | 5.144μSv/h |
| 3/14 | A.M.6:00  | M P - 2 付 | around MP-2 | 400μSv/h   |
| 3/14 | A.M.6:01  | M P - 4 付 | around MP-4 | 37.9μSv/h  |
| 3/14 | A.M. 6:10 | 正門        | Front Gate  | 5.021μSv/h |
| 3/14 | A.M.6:11  | M P - 4 付 | around MP-4 | 37.8μSv/h  |
| 3/14 | A.M. 6:20 | 正門        | Front Gate  | 5.032μSv/h |
| 3/14 | A.M.6:21  | M P - 4 付 | around MP-4 | 37.4μSv/h  |

|      |            |          |              |              |
|------|------------|----------|--------------|--------------|
| 3/14 | A.M. 6:30  | 正門       | Front Gate   | 4.920μSv/h   |
| 3/14 | A.M.7:53   | MP - 4 付 | arournd MP-4 | 69μSv/h      |
| 3/14 | A.M.8:07   | MP - 4 付 | arournd MP-4 | 40μSv/h      |
| 3/14 | A.M.8:19   | MP - 4 付 | arournd MP-4 | 39μSv/h      |
| 3/14 | A.M.8:30   | MP - 3 付 | arournd MP-3 | 287.2μSv/h   |
| 3/14 | A.M.8:31   | MP - 4 付 | arournd MP-4 | 75μSv/h      |
| 3/14 | A.M.8:40   | MP - 3 付 | arournd MP-3 | 274μSv/h     |
| 3/14 | A.M.8:41   | MP - 4 付 | arournd MP-4 | 40μSv/h      |
| 3/14 | A.M.8:50   | MP - 3 付 | arournd MP-3 | 268μSv/h     |
| 3/14 | A.M.9:00   | MP - 3 付 | arournd MP-3 | 304.8μSv/h   |
| 3/14 | A.M.9:10   | MP - 3 付 | arournd MP-3 | 443.7μSv/h   |
| 3/14 | A.M.9:12   | MP - 3 付 | arournd MP-3 | 518.7μSv/h   |
| 3/14 | A.M.9:20   | MP - 3 付 | arournd MP-3 | 481.0μSv/h   |
| 3/14 | A.M.9:25   | MP - 4 付 | arournd MP-4 | 87.083μSv/h  |
| 3/14 | A.M.9:30   | MP - 3 付 | arournd MP-3 | 339.4μSv/h   |
| 3/14 | A.M.9:40   | MP - 3 付 | arournd MP-3 | 293.7μSv/h   |
| 3/14 | A.M.9:43   | MP - 4 付 | arournd MP-4 | 48.899μSv/h  |
| 3/14 | A.M.9:50   | MP - 3 付 | arournd MP-3 | 274.9μSv/h   |
| 3/14 | A.M.9:53   | MP - 4 付 | arournd MP-4 | 43.256μSv/h  |
| 3/14 | A.M.10:00  | MP - 3 付 | arournd MP-3 | 269.4μSv/h   |
| 3/14 | A.M.10:05  | MP - 4 付 | arournd MP-4 | 41.998μSv/h  |
| 3/14 | A.M.10:10  | MP - 3 付 | arournd MP-3 | 266.8μSv/h   |
| 3/14 | A.M.10:11  | MP - 4 付 | arournd MP-4 | 41.533μSv/h  |
| 3/14 | A.M.10:20  | MP - 3 付 | arournd MP-3 | 265.4μSv/h   |
| 3/14 | A.M.10:27  | MP - 4 付 | arournd MP-4 | 40.694μSv/h  |
| 3/14 | A.M.10:30  | MP - 3 付 | arournd MP-3 | 261.6μSv/h   |
| 3/14 | A.M.10:35  | MP - 4 付 | arournd MP-4 | 40.155μSv/h  |
| 3/14 | A.M.10:40  | MP - 3 付 | arournd MP-3 | 261.900μSv/h |
| 3/14 | A.M.10:41  | MP - 4 付 | arournd MP-4 | 39.716μSv/h  |
| 3/14 | A.M.10:50  | MP - 3 付 | arournd MP-3 | 261.0μSv/h   |
| 3/14 | A.M.10:51  | MP - 4 付 | arournd MP-4 | 39.406μSv/h  |
| 3/14 | A.M. 11:37 | 正門       | Front Gate   | 50.387μSv/h  |
| 3/14 | A.M. 11:44 | 正門       | Front Gate   | 19.6μSv/h    |
| 3/14 | P.M. 0:06  | 正門       | Front Gate   | 10.816μSv/h  |
| 3/14 | P.M. 0:21  | 正門       | Front Gate   | 10.65μSv/h   |
| 3/14 | P.M. 0:34  | MP - 6 付 | arournd MP-6 | 4.226μSv/h   |
| 3/14 | P.M. 0:46  | MP - 5 付 | arournd MP-5 | 6.86μSv/h    |
| 3/14 | P.M. 0:52  | MP - 4 付 | arournd MP-4 | 31.53μSv/h   |
| 3/14 | P.M. 1:04  | MP - 3 付 | arournd MP-3 | 229.7μSv/h   |
| 3/14 | P.M. 1:10  | 正門       | Front Gate   | 12.0μSv/h    |
| 3/14 | P.M. 1:12  | MP - 4 付 | arournd MP-4 | 34.2μSv/h    |
| 3/14 | P.M. 1:15  | 正門       | Front Gate   | 13.0μSv/h    |
| 3/14 | P.M. 1:20  | 正門       | Front Gate   | 15.0μSv/h    |
| 3/14 | P.M. 1:25  | 正門       | Front Gate   | 14.0μSv/h    |
| 3/14 | P.M. 1:28  | MP - 5 付 | arournd MP-5 | 6.377μSv/h   |
| 3/14 | P.M. 1:30  | 正門       | Front Gate   | 13.0μSv/h    |
| 3/14 | P.M. 1:35  | 正門       | Front Gate   | 13.0μSv/h    |

|      |           |          |             |                  |
|------|-----------|----------|-------------|------------------|
| 3/14 | P.M. 1:40 | 正門       | Front Gate  | 11.0 $\mu$ Sv/h  |
| 3/14 | P.M. 1:40 | MP - 6 付 | around MP-6 | 3.65 $\mu$ Sv/h  |
| 3/14 | P.M. 1:45 | 正門       | Front Gate  | 12.0 $\mu$ Sv/h  |
| 3/14 | P.M. 1:50 | 正門       | Front Gate  | 13.0 $\mu$ Sv/h  |
| 3/14 | P.M. 1:55 | 正門       | Front Gate  | 15.0 $\mu$ Sv/h  |
| 3/14 | P.M. 2:02 | MP - 5 付 | around MP-5 | 6.088 $\mu$ Sv/h |
| 3/14 | P.M. 2:14 | MP - 4 付 | around MP-4 | 29.8 $\mu$ Sv/h  |
| 3/14 | P.M. 2:30 | MP - 3 付 | around MP-3 | 231.1 $\mu$ Sv/h |
| 3/14 | P.M. 2:46 | MP - 4 付 | around MP-4 | 31.3 $\mu$ Sv/h  |
| 3/14 | P.M. 2:58 | MP - 5 付 | around MP-4 | 6.2 $\mu$ Sv/h   |
| 3/14 | P.M. 3:09 | MP - 6 付 | around MP-4 | 3.9 $\mu$ Sv/h   |
| 3/14 | P.M. 2:16 | MP - 5 付 | around MP-5 | 6.0 $\mu$ Sv/h   |
| 3/14 | P.M. 3:23 | MP - 4 付 | around MP-4 | 29.6 $\mu$ Sv/h  |
| 3/14 | P.M. 3:30 | MP - 3 付 | around MP-3 | 226.2 $\mu$ Sv/h |
| 3/14 | P.M. 3:38 | MP - 4 付 | around MP-4 | 30.4 $\mu$ Sv/h  |
| 3/14 | P.M. 4:02 | MP - 5 付 | around MP-5 | 5.9 $\mu$ Sv/h   |
| 3/14 | P.M. 4:10 | MP - 6 付 | around MP-6 | 3.7 $\mu$ Sv/h   |
| 3/14 | P.M. 5:00 | 正門       | Front Gate  | 8.1 $\mu$ Sv/h   |
| 3/14 | P.M. 5:10 | 正門       | Front Gate  | 8.1 $\mu$ Sv/h   |
| 3/14 | P.M. 5:20 | 正門       | Front Gate  | 7.275 $\mu$ Sv/h |
| 3/14 | P.M. 5:30 | 正門       | Front Gate  | 7.605 $\mu$ Sv/h |
| 3/14 | P.M. 5:40 | 正門       | Front Gate  | 7.620 $\mu$ Sv/h |
| 3/14 | P.M. 5:50 | 正門       | Front Gate  | 8.044 $\mu$ Sv/h |
| 3/14 | P.M. 6:00 | 正門       | Front Gate  | 7.637 $\mu$ Sv/h |
| 3/14 | P.M. 6:10 | 正門       | Front Gate  | 7.037 $\mu$ Sv/h |
| 3/14 | P.M. 6:20 | 正門       | Front Gate  | 7.177 $\mu$ Sv/h |
| 3/14 | P.M. 6:30 | 正門       | Front Gate  | 8.047 $\mu$ Sv/h |
| 3/14 | P.M. 6:40 | 正門       | Front Gate  | 10.4 $\mu$ Sv/h  |
| 3/14 | P.M. 6:46 | 正門       | Front Gate  | 10.1 $\mu$ Sv/h  |
| 3/14 | P.M. 7:00 | 正門       | Front Gate  | 7.7 $\mu$ Sv/h   |
| 3/14 | P.M. 7:10 | 正門       | Front Gate  | 7.8 $\mu$ Sv/h   |
| 3/14 | P.M. 7:20 | 正門       | Front Gate  | 7.7 $\mu$ Sv/h   |
| 3/14 | P.M. 7:30 | 正門       | Front Gate  | 8.9 $\mu$ Sv/h   |
| 3/14 | P.M. 7:40 | 正門       | Front Gate  | 7.6 $\mu$ Sv/h   |
| 3/14 | P.M. 7:50 | 正門       | Front Gate  | 5.5 $\mu$ Sv/h   |
| 3/14 | P.M. 8:00 | 正門       | Front Gate  | 5.4 $\mu$ Sv/h   |
| 3/14 | P.M. 8:10 | 正門       | Front Gate  | 5.4 $\mu$ Sv/h   |
| 3/14 | P.M. 8:20 | 正門       | Front Gate  | 5.4 $\mu$ Sv/h   |
| 3/14 | P.M. 8:30 | 正門       | Front Gate  | 5.4 $\mu$ Sv/h   |
| 3/14 | P.M. 8:40 | 正門       | Front Gate  | 5.4 $\mu$ Sv/h   |
| 3/14 | P.M. 8:50 | 正門       | Front Gate  | 5.8 $\mu$ Sv/h   |
| 3/14 | P.M. 8:55 | 正門       | Front Gate  | 5.0 $\mu$ Sv/h   |
| 3/14 | P.M. 9:00 | 正門       | Front Gate  | 5.8 $\mu$ Sv/h   |
| 3/14 | P.M. 9:05 | 正門       | Front Gate  | 5.8 $\mu$ Sv/h   |
| 3/14 | P.M. 9:10 | 正門       | Front Gate  | 6.0 $\mu$ Sv/h   |
| 3/14 | P.M. 9:15 | 正門       | Front Gate  | 5.8 $\mu$ Sv/h   |
| 3/14 | P.M. 9:20 | 正門       | Front Gate  | 6.0 $\mu$ Sv/h   |

|      |            |    |            |             |
|------|------------|----|------------|-------------|
| 3/14 | P.M. 9:25  | 正門 | Front Gate | 6.8μSv/h    |
| 3/14 | P.M. 9:30  | 正門 | Front Gate | 29.7μSv/h   |
| 3/14 | P.M. 9:35  | 正門 | Front Gate | 760.0μSv/h  |
| 3/14 | P.M. 9:37  | 正門 | Front Gate | 3130.0μSv/h |
| 3/14 | P.M. 10:15 | 正門 | Front Gate | 431.7μSv/h  |
| 3/14 | P.M. 10:20 | 正門 | Front Gate | 336.6μSv/h  |
| 3/14 | P.M. 10:25 | 正門 | Front Gate | 301.9μSv/h  |
| 3/14 | P.M. 10:35 | 正門 | Front Gate | 326.2μSv/h  |
| 3/14 | P.M. 10:40 | 正門 | Front Gate | 293.7μSv/h  |
| 3/14 | P.M. 10:45 | 正門 | Front Gate | 271.7μSv/h  |
| 3/14 | P.M. 10:50 | 正門 | Front Gate | 267.0μSv/h  |
| 3/14 | P.M. 10:55 | 正門 | Front Gate | 263.0μSv/h  |
| 3/14 | P.M. 11:00 | 正門 | Front Gate | 252.7μSv/h  |
| 3/14 | P.M. 11:05 | 正門 | Front Gate | 242.8μSv/h  |
| 3/14 | P.M. 11:10 | 正門 | Front Gate | 235.3μSv/h  |
| 3/14 | P.M. 11:15 | 正門 | Front Gate | 231.5μSv/h  |
| 3/14 | P.M. 11:20 | 正門 | Front Gate | 227.0μSv/h  |
| 3/14 | P.M. 11:25 | 正門 | Front Gate | 216.0μSv/h  |
| 3/14 | P.M. 11:30 | 正門 | Front Gate | 216.0μSv/h  |
| 3/14 | P.M. 11:35 | 正門 | Front Gate | 211.3μSv/h  |
| 3/14 | P.M. 11:40 | 正門 | Front Gate | 205.6μSv/h  |
| 3/14 | P.M. 11:45 | 正門 | Front Gate | 201.7μSv/h  |
| 3/14 | P.M. 11:50 | 正門 | Front Gate | 196.2μSv/h  |
| 3/14 | P.M. 11:55 | 正門 | Front Gate | 192.3μSv/h  |
| 3/15 | A.M. 0:00  | 正門 | Front Gate | 188.9μSv/h  |
| 3/15 | A.M. 0:05  | 正門 | Front Gate | 185.0μSv/h  |
| 3/15 | A.M. 0:10  | 正門 | Front Gate | 181.0μSv/h  |
| 3/15 | A.M. 0:15  | 正門 | Front Gate | 177.3μSv/h  |
| 3/15 | A.M. 0:20  | 正門 | Front Gate | 175.8μSv/h  |
| 3/15 | A.M. 0:25  | 正門 | Front Gate | 173.3μSv/h  |
| 3/15 | A.M. 0:30  | 正門 | Front Gate | 168.0μSv/h  |
| 3/15 | A.M. 0:35  | 正門 | Front Gate | 164.9μSv/h  |
| 3/15 | A.M. 0:40  | 正門 | Front Gate | 164.4μSv/h  |
| 3/15 | A.M. 0:45  | 正門 | Front Gate | 167.6μSv/h  |
| 3/15 | A.M. 0:50  | 正門 | Front Gate | 164.3μSv/h  |
| 3/15 | A.M. 0:55  | 正門 | Front Gate | 151.7μSv/h  |
| 3/15 | A.M. 1:00  | 正門 | Front Gate | 150.3μSv/h  |
| 3/15 | A.M. 1:05  | 正門 | Front Gate | 147.1μSv/h  |
| 3/15 | A.M. 1:20  | 正門 | Front Gate | 137.8μSv/h  |
| 3/15 | A.M. 1:30  | 正門 | Front Gate | 135.5μSv/h  |
| 3/15 | A.M. 1:40  | 正門 | Front Gate | 130.4μSv/h  |
| 3/15 | A.M. 1:50  | 正門 | Front Gate | 123.3μSv/h  |
| 3/15 | A.M. 2:00  | 正門 | Front Gate | 120.2μSv/h  |
| 3/15 | A.M. 2:10  | 正門 | Front Gate | 114.1μSv/h  |
| 3/15 | A.M. 2:20  | 正門 | Front Gate | 111.4μSv/h  |
| 3/15 | A.M. 2:30  | 正門 | Front Gate | 109.6μSv/h  |
| 3/15 | A.M. 2:40  | 正門 | Front Gate | 105.4μSv/h  |



|      |           |          |             |              |
|------|-----------|----------|-------------|--------------|
| 3/15 | A.M. 3:10 | 正門       | Front Gate  | 94.3μSv/h    |
| 3/15 | A.M. 3:20 | 正門       | Front Gate  | 92.8μSv/h    |
| 3/15 | A.M. 3:40 | 正門       | Front Gate  | 87.0μSv/h    |
| 3/15 | A.M. 4:00 | 正門       | Front Gate  | 81.9μSv/h    |
| 3/15 | A.M. 4:20 | 正門       | Front Gate  | 77.6μSv/h    |
| 3/15 | A.M. 4:40 | 正門       | Front Gate  | 73.6μSv/h    |
| 3/15 | A.M. 5:00 | 正門       | Front Gate  | 70.0μSv/h    |
| 3/15 | A.M. 5:20 | 正門       | Front Gate  | 67.4μSv/h    |
| 3/15 | A.M. 5:40 | 正門       | Front Gate  | 65.7μSv/h    |
| 3/15 | A.M. 6:00 | 正門       | Front Gate  | 73.2μSv/h    |
| 3/15 | A.M. 8:20 | 正門       | Front Gate  | 807.7μSv/h   |
| 3/15 | A.M. 8:31 | 正門       | Front Gate  | 8217.0μSv/h  |
| 3/15 | A.M. 8:40 | 正門       | Front Gate  | 1726.0μSv/h  |
| 3/15 | A.M. 8:50 | 正門       | Front Gate  | 2208.0μSv/h  |
| 3/15 | A.M. 9:00 | 正門       | Front Gate  | 11930.0μSv/h |
| 3/15 | A.M. 9:15 | MP - 4 付 | around MP-4 | 58.0μSv/h    |
| 3/15 | A.M. 9:20 | MP - 4 付 | around MP-4 | 50.0μSv/h    |
| 3/15 | A.M. 9:35 | 正門       | Front Gate  | 7241.0μSv/h  |
| 3/15 | A.M.10:15 | 正門       | Front Gate  | 8837.0μSv/h  |
| 3/15 | A.M.11:40 | 西門       | West Gate   | 253.8μSv/h   |
| 3/15 | A.M.11:45 | 西門       | West Gate   | 162.4μSv/h   |
| 3/15 | P.M. 0:05 | 西門       | West Gate   | 2431.0μSv/h  |
| 3/15 | P.M. 0:15 | 西門       | West Gate   | 2434.0μSv/h  |
| 3/15 | P.M. 0:25 | 正門       | Front Gate  | 1407.0μSv/h  |
| 3/15 | P.M. 0:35 | 正門       | Front Gate  | 1325.0μSv/h  |
| 3/15 | P.M. 0:45 | 正門       | Front Gate  | 1267.0μSv/h  |
| 3/15 | P.M. 0:55 | 正門       | Front Gate  | 1216.0μSv/h  |
| 3/15 | P.M. 1:00 | 正門       | Front Gate  | 1191.0μSv/h  |
| 3/15 | P.M. 1:10 | 正門       | Front Gate  | 1148.0μSv/h  |
| 3/15 | P.M. 1:20 | 正門       | Front Gate  | 1100.0μSv/h  |
| 3/15 | P.M. 1:30 | 正門       | Front Gate  | 1068.0μSv/h  |
| 3/15 | P.M. 1:40 | 正門       | Front Gate  | 1014.0μSv/h  |
| 3/15 | P.M. 1:50 | 正門       | Front Gate  | 969.9μSv/h   |
| 3/15 | P.M. 2:00 | 正門       | Front Gate  | 928.2μSv/h   |
| 3/15 | P.M. 2:10 | 正門       | Front Gate  | 903.9μSv/h   |
| 3/15 | P.M. 2:20 | 正門       | Front Gate  | 874.4μSv/h   |
| 3/15 | P.M. 2:30 | 正門       | Front Gate  | 855.5μSv/h   |
| 3/15 | P.M. 2:40 | 正門       | Front Gate  | 821.3μSv/h   |
| 3/15 | P.M. 2:50 | 正門       | Front Gate  | 673.8μSv/h   |
| 3/15 | P.M. 3:00 | 正門       | Front Gate  | 649.0μSv/h   |
| 3/15 | P.M. 3:10 | 正門       | Front Gate  | 628.5μSv/h   |
| 3/15 | P.M. 3:20 | 正門       | Front Gate  | 613.8μSv/h   |
| 3/15 | P.M. 3:30 | 正門       | Front Gate  | 596.4μSv/h   |
| 3/15 | P.M. 3:40 | 正門       | Front Gate  | 566.9μSv/h   |
| 3/15 | P.M. 3:50 | 正門       | Front Gate  | 544.9μSv/h   |
| 3/15 | P.M. 4:00 | 正門       | Front Gate  | 531.6μSv/h   |
| 3/15 | P.M. 4:10 | 正門       | Front Gate  | 513.2μSv/h   |

|      |            |    |            |             |
|------|------------|----|------------|-------------|
| 3/15 | P.M. 4:20  | 正門 | Front Gate | 502.6μSv/h  |
| 3/15 | P.M. 4:30  | 正門 | Front Gate | 489.8μSv/h  |
| 3/15 | P.M. 4:40  | 正門 | Front Gate | 473.0μSv/h  |
| 3/15 | P.M. 4:50  | 正門 | Front Gate | 460.3μSv/h  |
| 3/15 | P.M. 5:00  | 正門 | Front Gate | 449.4μSv/h  |
| 3/15 | P.M. 5:10  | 正門 | Front Gate | 437.5μSv/h  |
| 3/15 | P.M. 5:30  | 正門 | Front Gate | 423.5μSv/h  |
| 3/15 | P.M. 6:00  | 正門 | Front Gate | 401.7μSv/h  |
| 3/15 | P.M. 6:30  | 正門 | Front Gate | 403.0μSv/h  |
| 3/15 | P.M. 7:00  | 正門 | Front Gate | 353.8μSv/h  |
| 3/15 | P.M. 7:30  | 正門 | Front Gate | 343.3μSv/h  |
| 3/15 | P.M. 8:00  | 正門 | Front Gate | 347.0μSv/h  |
| 3/15 | P.M. 8:30  | 正門 | Front Gate | 311.3μSv/h  |
| 3/15 | P.M. 9:00  | 正門 | Front Gate | 298.8μSv/h  |
| 3/15 | P.M. 9:30  | 正門 | Front Gate | 282.6μSv/h  |
| 3/15 | P.M. 10:00 | 正門 | Front Gate | 313.2μSv/h  |
| 3/15 | P.M. 10:30 | 正門 | Front Gate | 431.8μSv/h  |
| 3/15 | P.M. 11:00 | 正門 | Front Gate | 4548.0μSv/h |
| 3/15 | P.M. 11:10 | 正門 | Front Gate | 6960.0μSv/h |
| 3/15 | P.M. 11:15 | 正門 | Front Gate | 2761.0μSv/h |
| 3/15 | P.M. 11:20 | 正門 | Front Gate | 3648.0μSv/h |
| 3/15 | P.M. 11:25 | 正門 | Front Gate | 4976.0μSv/h |
| 3/15 | P.M. 11:30 | 正門 | Front Gate | 8080.0μSv/h |
| 3/15 | P.M. 11:35 | 正門 | Front Gate | 6308.0μSv/h |
| 3/15 | P.M. 11:40 | 正門 | Front Gate | 6592.0μSv/h |
| 3/15 | P.M. 11:45 | 正門 | Front Gate | 6847.0μSv/h |
| 3/15 | P.M. 11:50 | 正門 | Front Gate | 6066.0μSv/h |
| 3/15 | P.M. 11:55 | 正門 | Front Gate | 7966.0μSv/h |
| 3/16 | A.M. 0:00  | 正門 | Front Gate | 4351.0μSv/h |
| 3/16 | A.M. 0:10  | 正門 | Front Gate | 3504.0μSv/h |
| 3/16 | A.M. 0:20  | 正門 | Front Gate | 3108.0μSv/h |
| 3/16 | A.M. 0:30  | 正門 | Front Gate | 2609.0μSv/h |
| 3/16 | A.M. 1:00  | 正門 | Front Gate | 2159.0μSv/h |
| 3/16 | A.M. 1:10  | 正門 | Front Gate | 2021.0μSv/h |
| 3/16 | A.M. 1:20  | 正門 | Front Gate | 1937.0μSv/h |
| 3/16 | A.M. 1:30  | 正門 | Front Gate | 1805.0μSv/h |
| 3/16 | A.M. 1:40  | 正門 | Front Gate | 1708.0μSv/h |
| 3/16 | A.M. 1:50  | 正門 | Front Gate | 1628.0μSv/h |
| 3/16 | A.M. 2:00  | 正門 | Front Gate | 1552.0μSv/h |
| 3/16 | A.M. 2:10  | 正門 | Front Gate | 1522.0μSv/h |
| 3/16 | A.M. 2:20  | 正門 | Front Gate | 1453.0μSv/h |
| 3/16 | A.M. 2:30  | 正門 | Front Gate | 1386.0μSv/h |
| 3/16 | A.M. 2:40  | 正門 | Front Gate | 1357.0μSv/h |
| 3/16 | A.M. 2:50  | 正門 | Front Gate | 1316.0μSv/h |
| 3/16 | A.M. 3:00  | 正門 | Front Gate | 1267.0μSv/h |
| 3/16 | A.M. 3:30  | 正門 | Front Gate | 1159.0μSv/h |
| 3/16 | A.M. 4:00  | 正門 | Front Gate | 1047.0μSv/h |

|      |           |    |            |              |
|------|-----------|----|------------|--------------|
| 3/16 | A.M. 4:30 | 正門 | Front Gate | 975.3μSv/h   |
| 3/16 | A.M. 5:00 | 正門 | Front Gate | 918.2μSv/h   |
| 3/16 | A.M. 5:30 | 正門 | Front Gate | 868.0μSv/h   |
| 3/16 | A.M. 6:00 | 正門 | Front Gate | 884.0μSv/h   |
| 3/16 | A.M. 6:30 | 正門 | Front Gate | 848.4μSv/h   |
| 3/16 | A.M. 6:40 | 正門 | Front Gate | 837.0μSv/h   |
| 3/16 | A.M. 6:50 | 正門 | Front Gate | 815.9μSv/h   |
| 3/16 | A.M. 7:00 | 正門 | Front Gate | 808.8μSv/h   |
| 3/16 | A.M. 7:10 | 正門 | Front Gate | 670.3μSv/h   |
| 3/16 | A.M. 7:20 | 正門 | Front Gate | 661.8μSv/h   |
| 3/16 | A.M. 7:30 | 正門 | Front Gate | 651.1μSv/h   |
| 3/16 | A.M. 7:40 | 正門 | Front Gate | 644.0μSv/h   |
| 3/16 | A.M. 7:50 | 正門 | Front Gate | 636.8μSv/h   |
| 3/16 | A.M. 8:00 | 正門 | Front Gate | 627.5μSv/h   |
| 3/16 | A.M. 8:10 | 正門 | Front Gate | 620.6μSv/h   |
| 3/16 | A.M. 8:20 | 正門 | Front Gate | 613.9μSv/h   |
| 3/16 | A.M. 8:30 | 正門 | Front Gate | 606.6μSv/h   |
| 3/16 | A.M. 8:40 | 正門 | Front Gate | 600.4μSv/h   |
| 3/16 | A.M. 8:50 | 正門 | Front Gate | 593.4μSv/h   |
| 3/16 | A.M. 9:00 | 正門 | Front Gate | 587.6μSv/h   |
| 3/16 | A.M. 9:10 | 正門 | Front Gate | 582.2μSv/h   |
| 3/16 | A.M. 9:20 | 正門 | Front Gate | 582.4μSv/h   |
| 3/16 | A.M. 9:30 | 正門 | Front Gate | 582.3μSv/h   |
| 3/16 | A.M. 9:40 | 正門 | Front Gate | 641.8μSv/h   |
| 3/16 | A.M. 9:50 | 正門 | Front Gate | 700.6μSv/h   |
| 3/16 | A.M.10:00 | 正門 | Front Gate | 810.3μSv/h   |
| 3/16 | A.M.10:10 | 正門 | Front Gate | 908.5μSv/h   |
| 3/16 | A.M.10:20 | 正門 | Front Gate | 2399.0μSv/h  |
| 3/16 | A.M.10:30 | 正門 | Front Gate | 1361.0μSv/h  |
| 3/16 | A.M.10:45 | 正門 | Front Gate | 6400.0μSv/h  |
| 3/16 | A.M.10:54 | 正門 | Front Gate | 2300.0μSv/h  |
| 3/16 | A.M.10:55 | 正門 | Front Gate | 2900.0μSv/h  |
| 3/16 | A.M.11:00 | 正門 | Front Gate | 3391.0μSv/h  |
| 3/16 | A.M.11:10 | 正門 | Front Gate | 2720.0μSv/h  |
| 3/16 | A.M.11:20 | 正門 | Front Gate | 1900.0μSv/h  |
| 3/16 | A.M.11:30 | 正門 | Front Gate | 5350.0μSv/h  |
| 3/16 | A.M.11:40 | 正門 | Front Gate | 2633.0μSv/h  |
| 3/16 | A.M.11:50 | 正門 | Front Gate | 2578.0μSv/h  |
| 3/16 | A.M. 0:00 | 正門 | Front Gate | 4418.0μSv/h  |
| 3/16 | P.M. 0:10 | 正門 | Front Gate | 3138.0μSv/h  |
| 3/16 | P.M. 0:20 | 正門 | Front Gate | 3261.0μSv/h  |
| 3/16 | P.M. 0:30 | 正門 | Front Gate | 10850.0μSv/h |
| 3/16 | P.M. 0:40 | 正門 | Front Gate | 8234.0μSv/h  |
| 3/16 | P.M. 0:50 | 正門 | Front Gate | 2851.0μSv/h  |
| 3/16 | P.M. 1:00 | 正門 | Front Gate | 2672.0μSv/h  |
| 3/16 | P.M. 1:10 | 正門 | Front Gate | 2538.0μSv/h  |
| 3/16 | P.M. 1:20 | 正門 | Front Gate | 2430.0μSv/h  |

|      |            |       |                            |              |
|------|------------|-------|----------------------------|--------------|
| 3/16 | P.M. 1:30  | 正門    | Front Gate                 | 2331.0μSv/h  |
| 3/16 | P.M. 1:40  | 正門    | Front Gate                 | 2257.0μSv/h  |
| 3/16 | P.M. 1:50  | 正門    | Front Gate                 | 2182.0μSv/h  |
| 3/16 | P.M. 2:00  | 正門    | Front Gate                 | 2122.0μSv/h  |
| 3/16 | P.M. 2:10  | 正門    | Front Gate                 | 2059.0μSv/h  |
| 3/16 | P.M. 2:20  | 正門    | Front Gate                 | 2002.0μSv/h  |
| 3/16 | P.M. 2:30  | 正門    | Front Gate                 | 1937.0μSv/h  |
| 3/16 | P.M. 2:40  | 正門    | Front Gate                 | 1888.0μSv/h  |
| 3/16 | P.M. 2:50  | 正門    | Front Gate                 | 1835.0μSv/h  |
| 3/16 | P.M. 3:00  | 正門    | Front Gate                 | 1788.0μSv/h  |
| 3/16 | P.M. 3:10  | 正門    | Front Gate                 | 1752.0μSv/h  |
| 3/16 | P.M. 3:20  | 正門    | Front Gate                 | 1697.0μSv/h  |
| 3/16 | P.M. 3:30  | 正門    | Front Gate                 | 1664.0μSv/h  |
| 3/16 | P.M. 3:40  | 正門    | Front Gate                 | 1629.0μSv/h  |
| 3/16 | P.M. 3:50  | 正門    | Front Gate                 | 1591.0μSv/h  |
| 3/17 | A.M. 0:30  | 西門    | West Gate                  | 351.4 μSv/h  |
| 3/17 | A.M. 0:50  | 西門    | West Gate                  | 350.1 μSv/h  |
| 3/17 | A.M. 1:00  | 西門    | West Gate                  | 350.0 μSv/h  |
| 3/17 | A.M. 1:30  | 西門    | West Gate                  | 348.2 μSv/h  |
| 3/17 | A.M. 2:00  | 西門    | West Gate                  | 345.9 μSv/h  |
| 3/17 | A.M. 2:30  | 西門    | West Gate                  | 344.8 μSv/h  |
| 3/17 | A.M. 3:00  | 西門    | West Gate                  | 344.6 μSv/h  |
| 3/17 | A.M. 3:30  | 西門    | West Gate                  | 341.7 μSv/h  |
| 3/17 | A.M. 4:00  | 西門    | West Gate                  | 340.8 μSv/h  |
| 3/17 | A.M. 4:30  | 西門    | West Gate                  | 339.4 μSv/h  |
| 3/17 | A.M. 5:00  | 西門    | West Gate                  | 338.3 μSv/h  |
| 3/17 | A.M. 5:30  | 西門    | West Gate                  | 336.1 μSv/h  |
| 3/17 | A.M. 6:00  | 西門    | West Gate                  | 334.7 μSv/h  |
| 3/17 | A.M. 6:30  | 西門    | West Gate                  | 333.8 μSv/h  |
| 3/17 | A.M. 7:30  | 西門    | West Gate                  | 314.5 μSv/h  |
| 3/17 | A.M. 7:30  | 西門    | West Gate                  | 313.5 μSv/h  |
| 3/17 | A.M. 7:50  | 體育館脇  | a side of Gym              | 381.3 μSv/h  |
| 3/17 | A.M. 8:00  | 體育館脇  | a side of Gym              | 379.0 μSv/h  |
| 3/17 | A.M. 8:30  | 體育館脇  | a side of Gym              | 373.0 μSv/h  |
| 3/17 | A.M. 8:40  | 體育館脇  | a side of Gym              | 372.5 μSv/h  |
| 3/17 | A.M. 8:50  | 體育館脇  | a side of Gym              | 372.7 μSv/h  |
| 3/17 | A.M. 9:00  | 體育館脇  | a side of Gym              | 373.7 μSv/h  |
| 3/17 | A.M. 9:10  | 體育館脇  | a side of Gym              | 371.9 μSv/h  |
| 3/17 | A.M. 9:30  | 事務本館北 | North of Main Admin. Bldg. | 3786.0 μSv/h |
| 3/17 | A.M. 9:40  | 事務本館北 | North of Main Admin. Bldg. | 3782.0 μSv/h |
| 3/17 | A.M. 9:50  | 事務本館北 | North of Main Admin. Bldg. | 3763.0 μSv/h |
| 3/17 | A.M. 10:00 | 事務本館北 | North of Main Admin. Bldg. | 3759.0 μSv/h |
| 3/17 | A.M. 10:10 | 事務本館北 | North of Main Admin. Bldg. | 3755.0 μSv/h |
| 3/17 | A.M. 10:20 | 事務本館北 | North of Main Admin. Bldg. | 3754.0 μSv/h |
| 3/17 | A.M. 10:30 | 事務本館北 | North of Main Admin. Bldg. | 3750.0 μSv/h |
| 3/17 | A.M. 10:40 | 事務本館北 | North of Main Admin. Bldg. | 3753.0 μSv/h |
| 3/17 | A.M. 10:50 | 事務本館北 | North of Main Admin. Bldg. | 3743.0 μSv/h |
| 3/17 | A.M. 11:00 | 正門    | Front Gate                 | 647.3 μSv/h  |

|      |            |       |                            |                         |
|------|------------|-------|----------------------------|-------------------------|
| 3/17 | A.M. 11:10 | 正門    | Front Gate                 | 646.2 $\mu\text{Sv/h}$  |
| 3/17 | A.M. 11:15 | 西門    | West Gate                  | 313.1 $\mu\text{Sv/h}$  |
| 3/17 | A.M. 11:20 | 西門    | West Gate                  | 312.5 $\mu\text{Sv/h}$  |
| 3/17 | A.M. 11:30 | 西門    | West Gate                  | 312.3 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 0:00  | 西門    | West Gate                  | 311.0 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 0:30  | 西門    | West Gate                  | 310.7 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 1:00  | 西門    | West Gate                  | 309.7 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 1:10  | 西門    | West Gate                  | 309.3 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 1:20  | 西門    | West Gate                  | 309.1 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 1:30  | 事務本館北 | North of Main Admin. Bldg. | 4175.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 1:40  | 事務本館北 | North of Main Admin. Bldg. | 4165.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 2:00  | 事務本館北 | North of Main Admin. Bldg. | 3810.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 2:10  | 西門    | West Gate                  | 311.1 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 2:30  | 西門    | West Gate                  | 310.3 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 3:00  | 西門    | West Gate                  | 309.1 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 3:30  | 西門    | West Gate                  | 309.7 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 3:50  | 事務本館北 | North of Main Admin. Bldg. | 3700.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 4:00  | 事務本館北 | North of Main Admin. Bldg. | 3698.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 4:10  | 事務本館北 | North of Main Admin. Bldg. | 3695.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 4:15  | 事務本館北 | North of Main Admin. Bldg. | 3691.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:00  | 事務本館北 | North of Main Admin. Bldg. | 3676.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:10  | 事務本館北 | North of Main Admin. Bldg. | 3675.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:20  | 事務本館北 | North of Main Admin. Bldg. | 3672.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:30  | 事務本館北 | North of Main Admin. Bldg. | 3667.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:40  | 事務本館北 | North of Main Admin. Bldg. | 3639.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 3650.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 6:00  | 事務本館北 | North of Main Admin. Bldg. | 3649.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 6:10  | 事務本館北 | North of Main Admin. Bldg. | 3641.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 6:20  | 事務本館北 | North of Main Admin. Bldg. | 3645.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 6:30  | 事務本館北 | North of Main Admin. Bldg. | 3643.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 6:40  | 事務本館北 | North of Main Admin. Bldg. | 3638.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 3638.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 7:00  | 事務本館北 | North of Main Admin. Bldg. | 3630.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 7:10  | 事務本館北 | North of Main Admin. Bldg. | 3626.0 $\mu\text{Sv/h}$ |
| 3/17 | P.M. 8:40  | 西門    | West Gate                  | 292.2 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:00  | 西門    | West Gate                  | 291.9 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:10  | 西門    | West Gate                  | 291.7 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:20  | 西門    | West Gate                  | 291.3 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:30  | 西門    | West Gate                  | 291.2 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:40  | 西門    | West Gate                  | 291.1 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 9:50  | 西門    | West Gate                  | 290.9 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:00 | 西門    | West Gate                  | 290.4 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:10 | 西門    | West Gate                  | 290.4 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:20 | 西門    | West Gate                  | 289.9 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:30 | 西門    | West Gate                  | 289.7 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:40 | 西門    | West Gate                  | 289.6 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 10:50 | 西門    | West Gate                  | 289.5 $\mu\text{Sv/h}$  |
| 3/17 | P.M. 11:00 | 西門    | West Gate                  | 289.0 $\mu\text{Sv/h}$  |

|      |            |    |           |                  |
|------|------------|----|-----------|------------------|
| 3/17 | P.M. 11:10 | 西門 | West Gate | 289.0 $\mu$ Sv/h |
| 3/17 | P.M. 11:20 | 西門 | West Gate | 288.8 $\mu$ Sv/h |
| 3/17 | P.M. 11:30 | 西門 | West Gate | 288.7 $\mu$ Sv/h |
| 3/17 | P.M. 11:40 | 西門 | West Gate | 287.8 $\mu$ Sv/h |
| 3/17 | P.M. 11:50 | 西門 | West Gate | 288.9 $\mu$ Sv/h |
| 3/18 | A.M. 0:00  | 西門 | West Gate | 287.0 $\mu$ Sv/h |
| 3/18 | A.M. 0:10  | 西門 | West Gate | 287.3 $\mu$ Sv/h |
| 3/18 | A.M. 0:20  | 西門 | West Gate | 286.6 $\mu$ Sv/h |
| 3/18 | A.M. 0:30  | 西門 | West Gate | 286.4 $\mu$ Sv/h |
| 3/18 | A.M. 0:40  | 西門 | West Gate | 286.3 $\mu$ Sv/h |
| 3/18 | A.M. 0:50  | 西門 | West Gate | 286.0 $\mu$ Sv/h |
| 3/18 | A.M. 1:00  | 西門 | West Gate | 285.6 $\mu$ Sv/h |
| 3/18 | A.M. 1:10  | 西門 | West Gate | 285.5 $\mu$ Sv/h |
| 3/18 | A.M. 1:20  | 西門 | West Gate | 285.2 $\mu$ Sv/h |
| 3/18 | A.M. 1:30  | 西門 | West Gate | 284.9 $\mu$ Sv/h |
| 3/18 | A.M. 1:40  | 西門 | West Gate | 284.6 $\mu$ Sv/h |
| 3/18 | A.M. 1:50  | 西門 | West Gate | 284.4 $\mu$ Sv/h |
| 3/18 | A.M. 2:00  | 西門 | West Gate | 284.0 $\mu$ Sv/h |
| 3/18 | A.M. 2:10  | 西門 | West Gate | 283.7 $\mu$ Sv/h |
| 3/18 | A.M. 2:20  | 西門 | West Gate | 283.7 $\mu$ Sv/h |
| 3/18 | A.M. 2:30  | 西門 | West Gate | 283.5 $\mu$ Sv/h |
| 3/18 | A.M. 2:40  | 西門 | West Gate | 283.0 $\mu$ Sv/h |
| 3/18 | A.M. 2:50  | 西門 | West Gate | 282.9 $\mu$ Sv/h |
| 3/18 | A.M. 3:00  | 西門 | West Gate | 282.6 $\mu$ Sv/h |
| 3/18 | A.M. 3:10  | 西門 | West Gate | 282.0 $\mu$ Sv/h |
| 3/18 | A.M. 3:20  | 西門 | West Gate | 282.0 $\mu$ Sv/h |
| 3/18 | A.M. 3:30  | 西門 | West Gate | 281.6 $\mu$ Sv/h |
| 3/18 | A.M. 3:40  | 西門 | West Gate | 281.5 $\mu$ Sv/h |
| 3/18 | A.M. 3:50  | 西門 | West Gate | 281.2 $\mu$ Sv/h |
| 3/18 | A.M. 4:00  | 西門 | West Gate | 281.1 $\mu$ Sv/h |
| 3/18 | A.M. 4:10  | 西門 | West Gate | 280.9 $\mu$ Sv/h |
| 3/18 | A.M. 4:20  | 西門 | West Gate | 280.7 $\mu$ Sv/h |
| 3/18 | A.M. 4:30  | 西門 | West Gate | 280.2 $\mu$ Sv/h |
| 3/18 | A.M. 4:40  | 西門 | West Gate | 280.0 $\mu$ Sv/h |
| 3/18 | A.M. 4:50  | 西門 | West Gate | 279.8 $\mu$ Sv/h |
| 3/18 | A.M. 5:00  | 西門 | West Gate | 279.4 $\mu$ Sv/h |
| 3/18 | A.M. 5:10  | 西門 | West Gate | 279.3 $\mu$ Sv/h |
| 3/18 | A.M. 5:20  | 西門 | West Gate | 279.0 $\mu$ Sv/h |
| 3/18 | A.M. 5:30  | 西門 | West Gate | 278.9 $\mu$ Sv/h |
| 3/18 | A.M. 5:40  | 西門 | West Gate | 278.9 $\mu$ Sv/h |
| 3/18 | A.M. 5:50  | 西門 | West Gate | 277.1 $\mu$ Sv/h |
| 3/18 | A.M. 6:00  | 西門 | West Gate | 274.0 $\mu$ Sv/h |
| 3/18 | A.M. 6:10  | 西門 | West Gate | 274.0 $\mu$ Sv/h |
| 3/18 | A.M. 6:20  | 西門 | West Gate | 273.8 $\mu$ Sv/h |
| 3/18 | A.M. 6:30  | 西門 | West Gate | 274.1 $\mu$ Sv/h |
| 3/18 | A.M. 6:40  | 西門 | West Gate | 272.7 $\mu$ Sv/h |
| 3/18 | A.M. 6:50  | 西門 | West Gate | 273.4 $\mu$ Sv/h |
| 3/18 | A.M. 7:00  | 西門 | West Gate | 272.4 $\mu$ Sv/h |



|      |            |       |                            |                   |
|------|------------|-------|----------------------------|-------------------|
| 3/18 | A.M. 7:10  | 西門    | West Gate                  | 271.7 $\mu$ Sv/h  |
| 3/18 | A.M. 7:20  | 西門    | West Gate                  | 271.6 $\mu$ Sv/h  |
| 3/18 | A.M. 7:30  | 西門    | West Gate                  | 271.4 $\mu$ Sv/h  |
| 3/18 | A.M. 7:40  | 西門    | West Gate                  | 271.1 $\mu$ Sv/h  |
| 3/18 | A.M. 7:50  | 西門    | West Gate                  | 271.2 $\mu$ Sv/h  |
| 3/18 | A.M. 8:00  | 西門    | West Gate                  | 270.5 $\mu$ Sv/h  |
| 3/18 | A.M. 8:10  | 西門    | West Gate                  | 270.3 $\mu$ Sv/h  |
| 3/18 | A.M. 8:20  | 西門    | West Gate                  | 269.9 $\mu$ Sv/h  |
| 3/18 | A.M. 8:30  | 西門    | West Gate                  | 269.9 $\mu$ Sv/h  |
| 3/18 | A.M. 8:40  | 西門    | West Gate                  | 269.8 $\mu$ Sv/h  |
| 3/18 | A.M. 8:50  | 西門    | West Gate                  | 269.2 $\mu$ Sv/h  |
| 3/18 | A.M. 9:00  | 西門    | West Gate                  | 268.7 $\mu$ Sv/h  |
| 3/18 | A.M. 9:10  | 西門    | West Gate                  | 267.6 $\mu$ Sv/h  |
| 3/18 | A.M. 9:20  | 西門    | West Gate                  | 268.9 $\mu$ Sv/h  |
| 3/18 | A.M. 9:30  | 西門    | West Gate                  | 267.5 $\mu$ Sv/h  |
| 3/18 | A.M. 9:40  | 西門    | West Gate                  | 267.0 $\mu$ Sv/h  |
| 3/18 | A.M. 9:50  | 西門    | West Gate                  | 266.9 $\mu$ Sv/h  |
| 3/18 | A.M. 10:00 | 西門    | West Gate                  | 266.7 $\mu$ Sv/h  |
| 3/18 | A.M. 10:10 | 西門    | West Gate                  | 266.4 $\mu$ Sv/h  |
| 3/18 | A.M. 10:20 | 西門    | West Gate                  | 266.1 $\mu$ Sv/h  |
| 3/18 | A.M. 10:30 | 西門    | West Gate                  | 265.7 $\mu$ Sv/h  |
| 3/18 | A.M. 10:40 | 西門    | West Gate                  | 265.4 $\mu$ Sv/h  |
| 3/18 | A.M. 10:50 | 西門    | West Gate                  | 264.8 $\mu$ Sv/h  |
| 3/18 | A.M. 11:00 | 西門    | West Gate                  | 265.0 $\mu$ Sv/h  |
| 3/18 | A.M. 11:10 | 西門    | West Gate                  | 264.4 $\mu$ Sv/h  |
| 3/18 | A.M. 11:20 | 西門    | West Gate                  | 264.5 $\mu$ Sv/h  |
| 3/18 | A.M. 11:30 | 西門    | West Gate                  | 264.1 $\mu$ Sv/h  |
| 3/18 | A.M. 11:40 | 西門    | West Gate                  | 264.4 $\mu$ Sv/h  |
| 3/18 | A.M. 11:50 | 西門    | West Gate                  | 263.4 $\mu$ Sv/h  |
| 3/18 | P.M. 0:00  | 西門    | West Gate                  | 263.5 $\mu$ Sv/h  |
| 3/18 | P.M. 0:10  | 西門    | West Gate                  | 263.1 $\mu$ Sv/h  |
| 3/18 | P.M. 0:20  | 西門    | West Gate                  | 262.9 $\mu$ Sv/h  |
| 3/18 | P.M. 0:30  | 西門    | West Gate                  | 263.3 $\mu$ Sv/h  |
| 3/18 | A.M. 0:40  | 西門    | West Gate                  | 264.3 $\mu$ Sv/h  |
| 3/18 | P.M. 0:50  | 西門    | West Gate                  | 261.3 $\mu$ Sv/h  |
| 3/18 | P.M. 1:00  | 西門    | West Gate                  | 262.0 $\mu$ Sv/h  |
| 3/18 | P.M. 1:10  | 西門    | West Gate                  | 261.9 $\mu$ Sv/h  |
| 3/18 | P.M. 1:20  | 西門    | West Gate                  | 262.7 $\mu$ Sv/h  |
| 3/18 | P.M. 1:30  | 西門    | West Gate                  | 264.1 $\mu$ Sv/h  |
| 3/18 | P.M. 1:50  | 事務本館北 | North of Main Admin. Bldg. | 3484.0 $\mu$ Sv/h |
| 3/18 | P.M. 2:00  | 事務本館北 | North of Main Admin. Bldg. | 3414.0 $\mu$ Sv/h |
| 3/18 | P.M. 2:10  | 事務本館北 | North of Main Admin. Bldg. | 3382.0 $\mu$ Sv/h |
| 3/18 | P.M. 2:15  | 事務本館北 | North of Main Admin. Bldg. | 3371 $\mu$ Sv/h   |
| 3/18 | P.M. 2:20  | 事務本館北 | North of Main Admin. Bldg. | 3362 $\mu$ Sv/h   |
| 3/18 | P.M. 2:25  | 事務本館北 | North of Main Admin. Bldg. | 3357 $\mu$ Sv/h   |
| 3/18 | P.M. 2:30  | 事務本館北 | North of Main Admin. Bldg. | 3352 $\mu$ Sv/h   |
| 3/18 | P.M. 2:35  | 事務本館北 | North of Main Admin. Bldg. | 3342 $\mu$ Sv/h   |
| 3/18 | P.M. 2:40  | 事務本館北 | North of Main Admin. Bldg. | 3348 $\mu$ Sv/h   |

|      |            |       |                            |                  |
|------|------------|-------|----------------------------|------------------|
| 3/18 | P.M. 2:45  | 事務本館北 | North of Main Admin. Bldg. | 3357 $\mu$ Sv/h  |
| 3/18 | P.M. 2:50  | 事務本館北 | North of Main Admin. Bldg. | 3339 $\mu$ Sv/h  |
| 3/18 | P.M. 2:55  | 事務本館北 | North of Main Admin. Bldg. | 3346 $\mu$ Sv/h  |
| 3/18 | P.M. 3:00  | 事務本館北 | North of Main Admin. Bldg. | 3345 $\mu$ Sv/h  |
| 3/18 | P.M. 3:10  | 事務本館北 | North of Main Admin. Bldg. | 3368 $\mu$ Sv/h  |
| 3/18 | P.M. 3:20  | 事務本館北 | North of Main Admin. Bldg. | 3582 $\mu$ Sv/h  |
| 3/18 | P.M. 3:30  | 事務本館北 | North of Main Admin. Bldg. | 4075 $\mu$ Sv/h  |
| 3/18 | P.M. 3:40  | 事務本館北 | North of Main Admin. Bldg. | 3823 $\mu$ Sv/h  |
| 3/18 | P.M. 3:50  | 事務本館北 | North of Main Admin. Bldg. | 4396 $\mu$ Sv/h  |
| 3/18 | P.M. 4:00  | 事務本館北 | North of Main Admin. Bldg. | 4485 $\mu$ Sv/h  |
| 3/18 | P.M. 4:10  | 事務本館北 | North of Main Admin. Bldg. | 4352 $\mu$ Sv/h  |
| 3/18 | P.M. 4:20  | 事務本館北 | North of Main Admin. Bldg. | 4535 $\mu$ Sv/h  |
| 3/18 | P.M. 4:30  | 事務本館北 | North of Main Admin. Bldg. | 4419 $\mu$ Sv/h  |
| 3/18 | P.M. 4:40  | 事務本館北 | North of Main Admin. Bldg. | 4277 $\mu$ Sv/h  |
| 3/18 | P.M. 4:50  | 事務本館北 | North of Main Admin. Bldg. | 4735 $\mu$ Sv/h  |
| 3/18 | P.M. 5:00  | 事務本館北 | North of Main Admin. Bldg. | 5055 $\mu$ Sv/h  |
| 3/18 | P.M. 5:10  | 事務本館北 | North of Main Admin. Bldg. | 5033 $\mu$ Sv/h  |
| 3/18 | P.M. 5:20  | 事務本館北 | North of Main Admin. Bldg. | 4952 $\mu$ Sv/h  |
| 3/18 | P.M. 5:30  | 事務本館北 | North of Main Admin. Bldg. | 4251 $\mu$ Sv/h  |
| 3/18 | P.M. 5:40  | 事務本館北 | North of Main Admin. Bldg. | 4182 $\mu$ Sv/h  |
| 3/18 | P.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 4090 $\mu$ Sv/h  |
| 3/18 | P.M. 6:00  | 事務本館北 | North of Main Admin. Bldg. | 4084 $\mu$ Sv/h  |
| 3/18 | P.M. 6:10  | 事務本館北 | North of Main Admin. Bldg. | 4069 $\mu$ Sv/h  |
| 3/18 | P.M. 6:20  | 事務本館北 | North of Main Admin. Bldg. | 4069 $\mu$ Sv/h  |
| 3/18 | P.M. 6:30  | 事務本館北 | North of Main Admin. Bldg. | 3922 $\mu$ Sv/h  |
| 3/18 | P.M. 6:40  | 事務本館北 | North of Main Admin. Bldg. | 3885 $\mu$ Sv/h  |
| 3/18 | P.M. 6:50  | 事務本館北 | North of Main Admin. Bldg. | 3832 $\mu$ Sv/h  |
| 3/18 | P.M. 7:00  | 事務本館北 | North of Main Admin. Bldg. | 3788 $\mu$ Sv/h  |
| 3/18 | P.M. 7:10  | 事務本館北 | North of Main Admin. Bldg. | 3745 $\mu$ Sv/h  |
| 3/18 | P.M. 7:20  | 事務本館北 | North of Main Admin. Bldg. | 3728 $\mu$ Sv/h  |
| 3/18 | P.M. 7:30  | 事務本館北 | North of Main Admin. Bldg. | 3699 $\mu$ Sv/h  |
| 3/18 | P.M. 7:40  | 事務本館北 | North of Main Admin. Bldg. | 3669 $\mu$ Sv/h  |
| 3/18 | P.M. 7:50  | 事務本館北 | North of Main Admin. Bldg. | 3634 $\mu$ Sv/h  |
| 3/18 | P.M. 8:00  | 事務本館北 | North of Main Admin. Bldg. | 3611 $\mu$ Sv/h  |
| 3/18 | P.M. 8:10  | 西門    | West Gate                  | 447.6 $\mu$ Sv/h |
| 3/18 | P.M. 8:20  | 西門    | West Gate                  | 441.2 $\mu$ Sv/h |
| 3/18 | P.M. 8:30  | 西門    | West Gate                  | 434.5 $\mu$ Sv/h |
| 3/18 | P.M. 8:40  | 西門    | West Gate                  | 429.2 $\mu$ Sv/h |
| 3/18 | P.M. 8:50  | 西門    | West Gate                  | 423.9 $\mu$ Sv/h |
| 3/18 | P.M. 9:00  | 西門    | West Gate                  | 419.1 $\mu$ Sv/h |
| 3/18 | P.M. 9:10  | 西門    | West Gate                  | 414.2 $\mu$ Sv/h |
| 3/18 | P.M. 9:20  | 西門    | West Gate                  | 409.4 $\mu$ Sv/h |
| 3/18 | P.M. 9:30  | 西門    | West Gate                  | 405.2 $\mu$ Sv/h |
| 3/18 | P.M. 9:40  | 西門    | West Gate                  | 401.6 $\mu$ Sv/h |
| 3/18 | P.M. 9:50  | 西門    | West Gate                  | 397.8 $\mu$ Sv/h |
| 3/18 | P.M. 10:00 | 西門    | West Gate                  | 393.9 $\mu$ Sv/h |
| 3/18 | P.M. 10:10 | 西門    | West Gate                  | 389.2 $\mu$ Sv/h |
| 3/18 | P.M. 10:20 | 西門    | West Gate                  | 385.9 $\mu$ Sv/h |

|      |            |       |                            |            |
|------|------------|-------|----------------------------|------------|
| 3/18 | P.M. 10:30 | 西門    | West Gate                  | 382.9μSv/h |
| 3/18 | P.M. 10:40 | 西門    | West Gate                  | 379.6μSv/h |
| 3/18 | P.M. 10:50 | 西門    | West Gate                  | 375.9μSv/h |
| 3/18 | P.M. 11:00 | 西門    | West Gate                  | 373.6μSv/h |
| 3/18 | P.M. 11:10 | 西門    | West Gate                  | 371.2μSv/h |
| 3/18 | P.M. 11:20 | 西門    | West Gate                  | 368.9μSv/h |
| 3/18 | P.M. 11:30 | 事務本館北 | North of Main Admin. Bldg. | 3254μSv/h  |
| 3/18 | P.M. 11:40 | 事務本館北 | North of Main Admin. Bldg. | 3256μSv/h  |
| 3/18 | P.M. 11:50 | 事務本館北 | North of Main Admin. Bldg. | 3244μSv/h  |
| 3/19 | A.M. 0:00  | 事務本館北 | North of Main Admin. Bldg. | 3229μSv/h  |
| 3/19 | A.M. 0:10  | 事務本館北 | North of Main Admin. Bldg. | 3224μSv/h  |
| 3/19 | A.M. 0:20  | 事務本館北 | North of Main Admin. Bldg. | 3219μSv/h  |
| 3/19 | A.M. 0:30  | 事務本館北 | North of Main Admin. Bldg. | 3231μSv/h  |
| 3/19 | A.M. 0:40  | 事務本館北 | North of Main Admin. Bldg. | 3342μSv/h  |
| 3/19 | A.M. 0:50  | 事務本館北 | North of Main Admin. Bldg. | 3284μSv/h  |
| 3/19 | A.M. 1:00  | 事務本館北 | North of Main Admin. Bldg. | 3248μSv/h  |
| 3/19 | A.M. 1:10  | 事務本館北 | North of Main Admin. Bldg. | 3279μSv/h  |
| 3/19 | A.M. 1:20  | 事務本館北 | North of Main Admin. Bldg. | 3247μSv/h  |
| 3/19 | A.M. 1:30  | 事務本館北 | North of Main Admin. Bldg. | 3195μSv/h  |
| 3/19 | A.M. 1:40  | 事務本館北 | North of Main Admin. Bldg. | 3188μSv/h  |
| 3/19 | A.M. 1:50  | 事務本館北 | North of Main Admin. Bldg. | 3181μSv/h  |
| 3/19 | A.M. 2:00  | 西門    | West Gate                  | 313.7μSv/h |
| 3/19 | A.M. 2:10  | 西門    | West Gate                  | 312.2μSv/h |
| 3/19 | A.M. 2:20  | 西門    | West Gate                  | 311.1μSv/h |
| 3/19 | A.M. 2:30  | 西門    | West Gate                  | 310μSv/h   |
| 3/19 | A.M. 2:40  | 西門    | West Gate                  | 309.1μSv/h |
| 3/19 | A.M. 2:50  | 西門    | West Gate                  | 308.6μSv/h |
| 3/19 | A.M. 3:00  | 西門    | West Gate                  | 306.9μSv/h |
| 3/19 | A.M. 3:10  | 西門    | West Gate                  | 306μSv/h   |
| 3/19 | A.M. 3:20  | 西門    | West Gate                  | 305.1μSv/h |
| 3/19 | A.M. 3:30  | 西門    | West Gate                  | 304.3μSv/h |
| 3/19 | A.M. 3:40  | 西門    | West Gate                  | 303.6μSv/h |
| 3/19 | A.M. 3:50  | 西門    | West Gate                  | 303.1μSv/h |
| 3/19 | A.M. 4:00  | 西門    | West Gate                  | 301.7μSv/h |
| 3/19 | A.M. 4:10  | 西門    | West Gate                  | 301.3μSv/h |
| 3/19 | A.M. 4:20  | 西門    | West Gate                  | 300.5μSv/h |
| 3/19 | A.M. 4:30  | 西門    | West Gate                  | 299.2μSv/h |
| 3/19 | A.M. 4:40  | 西門    | West Gate                  | 299.2μSv/h |
| 3/19 | A.M. 4:50  | 西門    | West Gate                  | 298.5μSv/h |
| 3/19 | A.M. 5:00  | 西門    | West Gate                  | 297.5μSv/h |
| 3/19 | A.M. 5:10  | 西門    | West Gate                  | 296.4μSv/h |
| 3/19 | A.M. 5:20  | 西門    | West Gate                  | 295.8μSv/h |
| 3/19 | A.M. 5:30  | 西門    | West Gate                  | 295.1μSv/h |
| 3/19 | A.M. 5:40  | 西門    | West Gate                  | 295.4μSv/h |
| 3/19 | A.M. 5:50  | 西門    | West Gate                  | 294.3μSv/h |
| 3/19 | A.M. 6:00  | 西門    | West Gate                  | 293.8μSv/h |
| 3/19 | A.M. 6:10  | 西門    | West Gate                  | 293.6μSv/h |
| 3/19 | A.M. 6:20  | 西門    | West Gate                  | 292.6μSv/h |



|      |            |       |                            |            |
|------|------------|-------|----------------------------|------------|
| 3/19 | A.M. 6:30  | 西門    | West Gate                  | 292.3μSv/h |
| 3/19 | A.M. 6:40  | 西門    | West Gate                  | 291.5μSv/h |
| 3/19 | A.M. 6:50  | 西門    | West Gate                  | 290.9μSv/h |
| 3/19 | A.M. 7:00  | 西門    | West Gate                  | 290.6μSv/h |
| 3/19 | A.M. 7:10  | 西門    | West Gate                  | 289.8μSv/h |
| 3/19 | A.M. 7:20  | 西門    | West Gate                  | 289.1μSv/h |
| 3/19 | A.M. 7:30  | 西門    | West Gate                  | 288.9μSv/h |
| 3/19 | A.M. 7:40  | 西門    | West Gate                  | 288.6μSv/h |
| 3/19 | A.M. 7:50  | 西門    | West Gate                  | 287.2μSv/h |
| 3/19 | A.M. 8:00  | 西門    | West Gate                  | 399μSv/h   |
| 3/19 | A.M. 8:10  | 西門    | West Gate                  | 830.8μSv/h |
| 3/19 | A.M. 8:20  | 西門    | West Gate                  | 670.6μSv/h |
| 3/19 | A.M. 8:30  | 西門    | West Gate                  | 431.9μSv/h |
| 3/19 | A.M. 8:40  | 西門    | West Gate                  | 390.5μSv/h |
| 3/19 | A.M. 8:50  | 西門    | West Gate                  | 522.5μSv/h |
| 3/19 | A.M. 9:00  | 西門    | West Gate                  | 364.5μSv/h |
| 3/19 | A.M. 9:10  | 西門    | West Gate                  | 336.5μSv/h |
| 3/19 | A.M. 9:20  | 西門    | West Gate                  | 323.8μSv/h |
| 3/19 | A.M. 9:30  | 西門    | West Gate                  | 425.2μSv/h |
| 3/19 | A.M. 9:40  | 西門    | West Gate                  | 657.3μSv/h |
| 3/19 | A.M. 9:50  | 西門    | West Gate                  | 358.3μSv/h |
| 3/19 | A.M. 10:00 | 西門    | West Gate                  | 346.1μSv/h |
| 3/19 | A.M. 10:10 | 西門    | West Gate                  | 341.2μSv/h |
| 3/19 | A.M. 10:20 | 西門    | West Gate                  | 338.4μSv/h |
| 3/19 | A.M. 10:30 | 西門    | West Gate                  | 334.3μSv/h |
| 3/19 | A.M. 10:40 | 西門    | West Gate                  | 330.2μSv/h |
| 3/19 | A.M. 10:50 | 西門    | West Gate                  | 327.1μSv/h |
| 3/19 | A.M. 11:00 | 西門    | West Gate                  | 322.6μSv/h |
| 3/19 | A.M. 11:10 | 西門    | West Gate                  | 319.8μSv/h |
| 3/19 | A.M. 11:20 | 西門    | West Gate                  | 315.1μSv/h |
| 3/19 | A.M. 11:30 | 西門    | West Gate                  | 313.1μSv/h |
| 3/19 | A.M. 11:40 | 事務本館北 | North of Main Admin. Bldg. | 3954μSv/h  |
| 3/19 | A.M. 11:50 | 事務本館北 | North of Main Admin. Bldg. | 3901μSv/h  |
| 3/19 | P.M. 0:00  | 事務本館北 | North of Main Admin. Bldg. | 3882μSv/h  |
| 3/19 | P.M. 0:10  | 事務本館北 | North of Main Admin. Bldg. | 3828μSv/h  |
| 3/19 | P.M. 0:20  | 事務本館北 | North of Main Admin. Bldg. | 3802μSv/h  |
| 3/19 | P.M. 0:30  | 事務本館北 | North of Main Admin. Bldg. | 3749μSv/h  |
| 3/19 | A.M. 0:40  | 事務本館北 | North of Main Admin. Bldg. | 3704μSv/h  |
| 3/19 | P.M. 0:50  | 事務本館北 | North of Main Admin. Bldg. | 3655μSv/h  |
| 3/19 | P.M. 1:00  | 事務本館北 | North of Main Admin. Bldg. | 3629μSv/h  |
| 3/19 | P.M. 1:10  | 事務本館北 | North of Main Admin. Bldg. | 3594μSv/h  |
| 3/19 | P.M. 1:20  | 事務本館北 | North of Main Admin. Bldg. | 3565μSv/h  |
| 3/19 | P.M. 1:30  | 事務本館北 | North of Main Admin. Bldg. | 3529μSv/h  |
| 3/19 | P.M. 1:50  | 事務本館北 | North of Main Admin. Bldg. | 3491μSv/h  |
| 3/19 | P.M. 2:00  | 事務本館北 | North of Main Admin. Bldg. | 3473μSv/h  |
| 3/19 | P.M. 2:10  | 事務本館北 | North of Main Admin. Bldg. | 3443μSv/h  |
| 3/19 | P.M. 2:15  | 事務本館北 | North of Main Admin. Bldg. | 3417μSv/h  |
| 3/19 | P.M. 2:20  | 事務本館北 | North of Main Admin. Bldg. | 3396μSv/h  |

|      |            |       |                            |           |
|------|------------|-------|----------------------------|-----------|
| 3/19 | P.M. 2:30  | 事務本館北 | North of Main Admin. Bldg. | 3375μSv/h |
| 3/19 | P.M. 2:40  | 事務本館北 | North of Main Admin. Bldg. | 3348μSv/h |
| 3/19 | P.M. 2:50  | 事務本館北 | North of Main Admin. Bldg. | 3340μSv/h |
| 3/19 | P.M. 3:00  | 事務本館北 | North of Main Admin. Bldg. | 3279μSv/h |
| 3/19 | P.M. 3:10  | 事務本館北 | North of Main Admin. Bldg. | 3281μSv/h |
| 3/19 | P.M. 3:20  | 事務本館北 | North of Main Admin. Bldg. | 3229μSv/h |
| 3/19 | P.M. 3:30  | 事務本館北 | North of Main Admin. Bldg. | 3194μSv/h |
| 3/19 | P.M. 3:40  | 事務本館北 | North of Main Admin. Bldg. | 3474μSv/h |
| 3/19 | P.M. 3:50  | 事務本館北 | North of Main Admin. Bldg. | 3167μSv/h |
| 3/19 | P.M. 4:00  | 事務本館北 | North of Main Admin. Bldg. | 3165μSv/h |
| 3/19 | P.M. 4:10  | 事務本館北 | North of Main Admin. Bldg. | 3137μSv/h |
| 3/19 | P.M. 4:20  | 事務本館北 | North of Main Admin. Bldg. | 3135μSv/h |
| 3/19 | P.M. 4:30  | 事務本館北 | North of Main Admin. Bldg. | 3126μSv/h |
| 3/19 | P.M. 4:40  | 事務本館北 | North of Main Admin. Bldg. | 3111μSv/h |
| 3/19 | P.M. 4:50  | 事務本館北 | North of Main Admin. Bldg. | 3089μSv/h |
| 3/19 | P.M. 5:00  | 事務本館北 | North of Main Admin. Bldg. | 3078μSv/h |
| 3/19 | P.M. 5:10  | 事務本館北 | North of Main Admin. Bldg. | 3071μSv/h |
| 3/19 | P.M. 5:20  | 事務本館北 | North of Main Admin. Bldg. | 3058μSv/h |
| 3/19 | P.M. 5:30  | 事務本館北 | North of Main Admin. Bldg. | 3051μSv/h |
| 3/19 | P.M. 5:40  | 事務本館北 | North of Main Admin. Bldg. | 3033μSv/h |
| 3/19 | P.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 3024μSv/h |
| 3/19 | P.M. 6:00  | 事務本館北 | North of Main Admin. Bldg. | 3020μSv/h |
| 3/19 | P.M. 6:10  | 事務本館北 | North of Main Admin. Bldg. | 3007μSv/h |
| 3/19 | P.M. 6:20  | 事務本館北 | North of Main Admin. Bldg. | 3002μSv/h |
| 3/19 | P.M. 6:30  | 事務本館北 | North of Main Admin. Bldg. | 2998μSv/h |
| 3/19 | P.M. 6:40  | 事務本館北 | North of Main Admin. Bldg. | 2992μSv/h |
| 3/19 | P.M. 6:50  | 事務本館北 | North of Main Admin. Bldg. | 2978μSv/h |
| 3/19 | P.M. 7:00  | 事務本館北 | North of Main Admin. Bldg. | 2972μSv/h |
| 3/19 | P.M. 7:10  | 事務本館北 | North of Main Admin. Bldg. | 2965μSv/h |
| 3/19 | P.M. 7:20  | 事務本館北 | North of Main Admin. Bldg. | 2961μSv/h |
| 3/19 | P.M. 7:30  | 事務本館北 | North of Main Admin. Bldg. | 2957μSv/h |
| 3/19 | P.M. 7:40  | 事務本館北 | North of Main Admin. Bldg. | 2946μSv/h |
| 3/19 | P.M. 7:50  | 事務本館北 | North of Main Admin. Bldg. | 2941μSv/h |
| 3/19 | P.M. 8:00  | 事務本館北 | North of Main Admin. Bldg. | 2937μSv/h |
| 3/19 | P.M. 8:10  | 事務本館北 | North of Main Admin. Bldg. | 2931μSv/h |
| 3/19 | P.M. 8:20  | 事務本館北 | North of Main Admin. Bldg. | 2924μSv/h |
| 3/19 | P.M. 8:30  | 事務本館北 | North of Main Admin. Bldg. | 2917μSv/h |
| 3/19 | P.M. 8:40  | 事務本館北 | North of Main Admin. Bldg. | 2912μSv/h |
| 3/19 | P.M. 8:50  | 事務本館北 | North of Main Admin. Bldg. | 2909μSv/h |
| 3/19 | P.M. 9:00  | 事務本館北 | North of Main Admin. Bldg. | 2906μSv/h |
| 3/19 | P.M. 9:10  | 事務本館北 | North of Main Admin. Bldg. | 2900μSv/h |
| 3/19 | P.M. 9:20  | 事務本館北 | North of Main Admin. Bldg. | 2895μSv/h |
| 3/19 | P.M. 9:30  | 事務本館北 | North of Main Admin. Bldg. | 2891μSv/h |
| 3/19 | P.M. 9:40  | 事務本館北 | North of Main Admin. Bldg. | 2883μSv/h |
| 3/19 | P.M. 9:50  | 事務本館北 | North of Main Admin. Bldg. | 2880μSv/h |
| 3/19 | P.M. 10:00 | 事務本館北 | North of Main Admin. Bldg. | 2880μSv/h |
| 3/19 | P.M. 10:10 | 事務本館北 | North of Main Admin. Bldg. | 2876μSv/h |
| 3/19 | P.M. 10:20 | 事務本館北 | North of Main Admin. Bldg. | 2855μSv/h |

|      |            |       |                            |                   |
|------|------------|-------|----------------------------|-------------------|
| 3/19 | P.M. 10:30 | 事務本館北 | North of Main Admin. Bldg. | 2854 $\mu$ Sv/h   |
| 3/19 | P.M. 10:40 | 事務本館北 | North of Main Admin. Bldg. | 2847 $\mu$ Sv/h   |
| 3/19 | P.M. 10:50 | 事務本館北 | North of Main Admin. Bldg. | 2844 $\mu$ Sv/h   |
| 3/19 | P.M. 11:00 | 事務本館北 | North of Main Admin. Bldg. | 2841 $\mu$ Sv/h   |
| 3/19 | P.M. 11:10 | 事務本館北 | North of Main Admin. Bldg. | 2836 $\mu$ Sv/h   |
| 3/19 | P.M. 11:20 | 事務本館北 | North of Main Admin. Bldg. | 2828 $\mu$ Sv/h   |
| 3/19 | P.M. 11:30 | 事務本館北 | North of Main Admin. Bldg. | 2828 $\mu$ Sv/h   |
| 3/20 | A.M. 0:00  | 事務本館北 | North of Main Admin. Bldg. | 2821.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:10  | 事務本館北 | North of Main Admin. Bldg. | 2814.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:20  | 事務本館北 | North of Main Admin. Bldg. | 2808.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:30  | 事務本館北 | North of Main Admin. Bldg. | 2805.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:40  | 事務本館北 | North of Main Admin. Bldg. | 2803.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:50  | 事務本館北 | North of Main Admin. Bldg. | 2791.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:00  | 事務本館北 | North of Main Admin. Bldg. | 2797.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:10  | 事務本館北 | North of Main Admin. Bldg. | 2794.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:20  | 事務本館北 | North of Main Admin. Bldg. | 2793.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:30  | 事務本館北 | North of Main Admin. Bldg. | 2788.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:40  | 事務本館北 | North of Main Admin. Bldg. | 2785.0 $\mu$ Sv/h |
| 3/20 | A.M. 1:50  | 事務本館北 | North of Main Admin. Bldg. | 2781.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:00  | 事務本館北 | North of Main Admin. Bldg. | 2778.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:10  | 事務本館北 | North of Main Admin. Bldg. | 2773.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:20  | 事務本館北 | North of Main Admin. Bldg. | 2771.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:30  | 事務本館北 | North of Main Admin. Bldg. | 2767.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:40  | 事務本館北 | North of Main Admin. Bldg. | 2764.0 $\mu$ Sv/h |
| 3/20 | A.M. 2:50  | 事務本館北 | North of Main Admin. Bldg. | 2761.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:00  | 事務本館北 | North of Main Admin. Bldg. | 2759.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:10  | 事務本館北 | North of Main Admin. Bldg. | 2745.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:20  | 事務本館北 | North of Main Admin. Bldg. | 2745.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:30  | 事務本館北 | North of Main Admin. Bldg. | 2741.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:40  | 事務本館北 | North of Main Admin. Bldg. | 2758.0 $\mu$ Sv/h |
| 3/20 | A.M. 3:50  | 事務本館北 | North of Main Admin. Bldg. | 3185.0 $\mu$ Sv/h |
| 3/20 | A.M. 4:00  | 事務本館北 | North of Main Admin. Bldg. | 2939.0 $\mu$ Sv/h |
| 3/20 | A.M. 4:10  | 事務本館北 | North of Main Admin. Bldg. | 2771.0 $\mu$ Sv/h |
| 3/20 | A.M. 4:20  | 事務本館北 | North of Main Admin. Bldg. | 2743.0 $\mu$ Sv/h |
| 3/20 | A.M. 4:30  | 事務本館北 | North of Main Admin. Bldg. | 2739.0 $\mu$ Sv/h |
| 3/20 | A.M. 4:40  | 西門    | West Gate                  | 273.2 $\mu$ Sv/h  |
| 3/20 | A.M. 4:50  | 西門    | West Gate                  | 271.8 $\mu$ Sv/h  |
| 3/20 | A.M. 5:00  | 西門    | West Gate                  | 271.2 $\mu$ Sv/h  |
| 3/20 | A.M. 5:10  | 西門    | West Gate                  | 270.9 $\mu$ Sv/h  |
| 3/20 | A.M. 5:20  | 西門    | West Gate                  | 270.4 $\mu$ Sv/h  |
| 3/20 | A.M. 5:30  | 西門    | West Gate                  | 269.8 $\mu$ Sv/h  |
| 3/20 | A.M. 5:40  | 西門    | West Gate                  | 269.5 $\mu$ Sv/h  |
| 3/20 | A.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 2683.0 $\mu$ Sv/h |
| 3/20 | A.M. 6:00  | 事務本館北 | North of Main Admin. Bldg. | 2679.0 $\mu$ Sv/h |
| 3/20 | A.M. 6:10  | 事務本館北 | North of Main Admin. Bldg. | 2679.0 $\mu$ Sv/h |
| 3/20 | A.M. 6:20  | 事務本館北 | North of Main Admin. Bldg. | 2677.0 $\mu$ Sv/h |
| 3/20 | A.M. 6:30  | 事務本館北 | North of Main Admin. Bldg. | 2670.0 $\mu$ Sv/h |
| 3/20 | A.M. 6:40  | 事務本館北 | North of Main Admin. Bldg. | 2654.0 $\mu$ Sv/h |



|      |            |       |                            |                   |
|------|------------|-------|----------------------------|-------------------|
| 3/20 | A.M. 6:50  | 事務本館北 | North of Main Admin. Bldg. | 2664.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:00  | 事務本館北 | North of Main Admin. Bldg. | 2661.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:10  | 事務本館北 | North of Main Admin. Bldg. | 2661.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:20  | 事務本館北 | North of Main Admin. Bldg. | 2659.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:30  | 事務本館北 | North of Main Admin. Bldg. | 2652.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:40  | 事務本館北 | North of Main Admin. Bldg. | 2653.0 $\mu$ Sv/h |
| 3/20 | A.M. 7:50  | 事務本館北 | North of Main Admin. Bldg. | 2637.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:00  | 事務本館北 | North of Main Admin. Bldg. | 2630.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:10  | 事務本館北 | North of Main Admin. Bldg. | 2629.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:20  | 事務本館北 | North of Main Admin. Bldg. | 2627.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:30  | 事務本館北 | North of Main Admin. Bldg. | 2625.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:40  | 事務本館北 | North of Main Admin. Bldg. | 2619.0 $\mu$ Sv/h |
| 3/20 | A.M. 8:50  | 事務本館北 | North of Main Admin. Bldg. | 2617.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:00  | 事務本館北 | North of Main Admin. Bldg. | 2614.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:10  | 事務本館北 | North of Main Admin. Bldg. | 2614.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:20  | 事務本館北 | North of Main Admin. Bldg. | 2608.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:30  | 事務本館北 | North of Main Admin. Bldg. | 2623.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:40  | 事務本館北 | North of Main Admin. Bldg. | 2661.0 $\mu$ Sv/h |
| 3/20 | A.M. 9:50  | 事務本館北 | North of Main Admin. Bldg. | 2742.0 $\mu$ Sv/h |
| 3/20 | A.M. 10:00 | 事務本館北 | North of Main Admin. Bldg. | 2726.0 $\mu$ Sv/h |
| 3/20 | A.M. 10:10 | 事務本館北 | North of Main Admin. Bldg. | 2608.8 $\mu$ Sv/h |
| 3/20 | A.M. 10:20 | 事務本館北 | North of Main Admin. Bldg. | 2605.0 $\mu$ Sv/h |
| 3/20 | A.M. 10:30 | 事務本館北 | North of Main Admin. Bldg. | 2596.0 $\mu$ Sv/h |
| 3/20 | A.M. 10:40 | 事務本館北 | North of Main Admin. Bldg. | 2589.0 $\mu$ Sv/h |
| 3/20 | A.M. 10:50 | 事務本館北 | North of Main Admin. Bldg. | 2583.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:00 | 事務本館北 | North of Main Admin. Bldg. | 2579.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:10 | 事務本館北 | North of Main Admin. Bldg. | 2578.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:20 | 事務本館北 | North of Main Admin. Bldg. | 2569.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:30 | 事務本館北 | North of Main Admin. Bldg. | 2571.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:40 | 事務本館北 | North of Main Admin. Bldg. | 2562.0 $\mu$ Sv/h |
| 3/20 | A.M. 11:50 | 事務本館北 | North of Main Admin. Bldg. | 2564.0 $\mu$ Sv/h |
| 3/20 | P.M. 0:00  | 事務本館北 | North of Main Admin. Bldg. | 2559.0 $\mu$ Sv/h |
| 3/20 | P.M. 0:10  | 事務本館北 | North of Main Admin. Bldg. | 2558.0 $\mu$ Sv/h |
| 3/20 | P.M. 0:20  | 事務本館北 | North of Main Admin. Bldg. | 2552.0 $\mu$ Sv/h |
| 3/20 | P.M. 0:30  | 事務本館北 | North of Main Admin. Bldg. | 2551.0 $\mu$ Sv/h |
| 3/20 | A.M. 0:40  | 事務本館北 | North of Main Admin. Bldg. | 2551.0 $\mu$ Sv/h |
| 3/20 | P.M. 0:50  | 事務本館北 | North of Main Admin. Bldg. | 2550.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:00  | 事務本館北 | North of Main Admin. Bldg. | 2567.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:10  | 事務本館北 | North of Main Admin. Bldg. | 2588.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:20  | 事務本館北 | North of Main Admin. Bldg. | 2660.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:30  | 事務本館北 | North of Main Admin. Bldg. | 2593.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:40  | 事務本館北 | North of Main Admin. Bldg. | 2654.0 $\mu$ Sv/h |
| 3/20 | P.M. 1:50  | 事務本館北 | North of Main Admin. Bldg. | 2741.0 $\mu$ Sv/h |
| 3/20 | P.M. 2:00  | 事務本館北 | North of Main Admin. Bldg. | 2768.0 $\mu$ Sv/h |
| 3/20 | P.M. 2:10  | 事務本館北 | North of Main Admin. Bldg. | 2999.0 $\mu$ Sv/h |
| 3/20 | P.M. 2:20  | 事務本館北 | North of Main Admin. Bldg. | 2923.0 $\mu$ Sv/h |
| 3/20 | P.M. 2:30  | 事務本館北 | North of Main Admin. Bldg. | 3056.0 $\mu$ Sv/h |
| 3/20 | P.M. 2:40  | 事務本館北 | North of Main Admin. Bldg. | 3202.0 $\mu$ Sv/h |

|      |            |       |                            |                   |
|------|------------|-------|----------------------------|-------------------|
| 3/20 | P.M. 2:50  | 事務本館北 | North of Main Admin. Bldg. | 3346.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:00  | 事務本館北 | North of Main Admin. Bldg. | 3054.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:10  | 事務本館北 | North of Main Admin. Bldg. | 3071.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:20  | 事務本館北 | North of Main Admin. Bldg. | 3342.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:30  | 事務本館北 | North of Main Admin. Bldg. | 3337.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:40  | 事務本館北 | North of Main Admin. Bldg. | 3003.0 $\mu$ Sv/h |
| 3/20 | P.M. 3:50  | 事務本館北 | North of Main Admin. Bldg. | 3046.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:00  | 事務本館北 | North of Main Admin. Bldg. | 3171.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:10  | 事務本館北 | North of Main Admin. Bldg. | 2940.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:20  | 事務本館北 | North of Main Admin. Bldg. | 2851.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:30  | 事務本館北 | North of Main Admin. Bldg. | 2830.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:40  | 事務本館北 | North of Main Admin. Bldg. | 2960.0 $\mu$ Sv/h |
| 3/20 | P.M. 4:50  | 事務本館北 | North of Main Admin. Bldg. | 2839.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:00  | 事務本館北 | North of Main Admin. Bldg. | 2773.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:10  | 事務本館北 | North of Main Admin. Bldg. | 2763.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:20  | 事務本館北 | North of Main Admin. Bldg. | 2758.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:30  | 事務本館北 | North of Main Admin. Bldg. | 2729.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:40  | 事務本館北 | North of Main Admin. Bldg. | 2715.0 $\mu$ Sv/h |
| 3/20 | P.M. 5:50  | 事務本館北 | North of Main Admin. Bldg. | 2707.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:00  | 事務本館北 | North of Main Admin. Bldg. | 2693.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:10  | 事務本館北 | North of Main Admin. Bldg. | 2680.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:20  | 事務本館北 | North of Main Admin. Bldg. | 2673.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:30  | 事務本館北 | North of Main Admin. Bldg. | 2658.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:40  | 事務本館北 | North of Main Admin. Bldg. | 2651.0 $\mu$ Sv/h |
| 3/20 | P.M. 6:50  | 事務本館北 | North of Main Admin. Bldg. | 2658.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:00  | 事務本館北 | North of Main Admin. Bldg. | 2623.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:10  | 事務本館北 | North of Main Admin. Bldg. | 2683.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:20  | 事務本館北 | North of Main Admin. Bldg. | 2614.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:30  | 事務本館北 | North of Main Admin. Bldg. | 2602.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:40  | 事務本館北 | North of Main Admin. Bldg. | 2595.0 $\mu$ Sv/h |
| 3/20 | P.M. 7:50  | 事務本館北 | North of Main Admin. Bldg. | 2632.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:00  | 事務本館北 | North of Main Admin. Bldg. | 2828.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:10  | 事務本館北 | North of Main Admin. Bldg. | 2704.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:20  | 事務本館北 | North of Main Admin. Bldg. | 2682.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:30  | 事務本館北 | North of Main Admin. Bldg. | 2586.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:40  | 事務本館北 | North of Main Admin. Bldg. | 2552.0 $\mu$ Sv/h |
| 3/20 | P.M. 8:50  | 事務本館北 | North of Main Admin. Bldg. | 2550.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:00  | 事務本館北 | North of Main Admin. Bldg. | 2542.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:10  | 事務本館北 | North of Main Admin. Bldg. | 2537.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:20  | 事務本館北 | North of Main Admin. Bldg. | 2532.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:30  | 事務本館北 | North of Main Admin. Bldg. | 2518.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:40  | 事務本館北 | North of Main Admin. Bldg. | 2517.0 $\mu$ Sv/h |
| 3/20 | P.M. 9:50  | 事務本館北 | North of Main Admin. Bldg. | 2510.0 $\mu$ Sv/h |
| 3/20 | P.M. 10:00 | 事務本館北 | North of Main Admin. Bldg. | 2506.0 $\mu$ Sv/h |
| 3/20 | P.M. 10:10 | 事務本館北 | North of Main Admin. Bldg. | 2503.0 $\mu$ Sv/h |
| 3/20 | P.M. 10:20 | 事務本館北 | North of Main Admin. Bldg. | 2492.0 $\mu$ Sv/h |
| 3/20 | P.M. 10:30 | 事務本館北 | North of Main Admin. Bldg. | 2487.0 $\mu$ Sv/h |
| 3/20 | P.M. 10:40 | 事務本館北 | North of Main Admin. Bldg. | 2485.0 $\mu$ Sv/h |

|      |            |          |                            |                   |
|------|------------|----------|----------------------------|-------------------|
| 3/20 | P.M. 10:50 | 事務本館北    | North of Main Admin. Bldg. | 2483.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:00 | 事務本館北    | North of Main Admin. Bldg. | 2475.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:10 | 事務本館北    | North of Main Admin. Bldg. | 2469.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:20 | 事務本館北    | North of Main Admin. Bldg. | 2462.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:30 | 事務本館北    | North of Main Admin. Bldg. | 2455.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:40 | 事務本館北    | North of Main Admin. Bldg. | 2457.0 $\mu$ Sv/h |
| 3/20 | P.M. 11:50 | 事務本館北    | North of Main Admin. Bldg. | 2453.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:00  | 事務本館北    | North of Main Admin. Bldg. | 2452.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:10  | 事務本館北    | North of Main Admin. Bldg. | 2449.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:20  | 事務本館北    | North of Main Admin. Bldg. | 2444.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:30  | 事務本館北    | North of Main Admin. Bldg. | 2439.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:40  | 事務本館北    | North of Main Admin. Bldg. | 2438.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:50  | 事務本館北    | North of Main Admin. Bldg. | 2433.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:00  | 事務本館北    | North of Main Admin. Bldg. | 2396.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:10  | 事務本館北    | North of Main Admin. Bldg. | 2392.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:20  | 事務本館北    | North of Main Admin. Bldg. | 2389.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:30  | 事務本館北    | North of Main Admin. Bldg. | 2385.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:40  | 事務本館北    | North of Main Admin. Bldg. | 2383.0 $\mu$ Sv/h |
| 3/21 | A.M. 1:50  | 事務本館北    | North of Main Admin. Bldg. | 2380.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:00  | 事務本館北    | North of Main Admin. Bldg. | 2396.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:10  | 事務本館北    | North of Main Admin. Bldg. | 2392.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:20  | 事務本館北    | North of Main Admin. Bldg. | 2389.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:30  | 事務本館北    | North of Main Admin. Bldg. | 2385.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:40  | 事務本館北    | North of Main Admin. Bldg. | 2383.0 $\mu$ Sv/h |
| 3/21 | A.M. 2:50  | 事務本館北    | North of Main Admin. Bldg. | 2380.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:00  | 事務本館北    | North of Main Admin. Bldg. | 2378.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:10  | 事務本館北    | North of Main Admin. Bldg. | 2375.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:20  | 事務本館北    | North of Main Admin. Bldg. | 2372.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:30  | 事務本館北    | North of Main Admin. Bldg. | 2370.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:40  | 事務本館北    | North of Main Admin. Bldg. | 2366.0 $\mu$ Sv/h |
| 3/21 | A.M. 3:50  | 事務本館北    | North of Main Admin. Bldg. | 2364.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:00  | 事務本館北    | North of Main Admin. Bldg. | 2362.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:10  | 事務本館北    | North of Main Admin. Bldg. | 2356.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:20  | 事務本館北    | North of Main Admin. Bldg. | 2351.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:30  | 事務本館北    | North of Main Admin. Bldg. | 2350.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:40  | 事務本館北    | North of Main Admin. Bldg. | 2347.0 $\mu$ Sv/h |
| 3/21 | A.M. 4:50  | 正門       | Front Gate                 | 2345.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:00  | 正門       | Front Gate                 | 2343.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:10  | MP - 7 付 | around MP-7                | 2341.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:20  | 正門       | Front Gate                 | 2339.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:30  | 正門       | Front Gate                 | 2336.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:40  | 正門       | Front Gate                 | 2333.0 $\mu$ Sv/h |
| 3/21 | A.M. 5:50  | 正門       | Front Gate                 | 2330.0 $\mu$ Sv/h |
| 3/21 | A.M. 6:00  | 正門       | Front Gate                 | 2324.0 $\mu$ Sv/h |
| 3/21 | A.M. 6:10  | 正門       | Front Gate                 | 2326.0 $\mu$ Sv/h |
| 3/21 | A.M. 6:20  | 正門       | Front Gate                 | 2325.0 $\mu$ Sv/h |
| 3/21 | A.M. 6:30  | 正門       | Front Gate                 | 2319.0 $\mu$ Sv/h |
| 3/21 | A.M. 6:40  | 正門       | Front Gate                 | 2312.0 $\mu$ Sv/h |

|      |            |    |            |                   |
|------|------------|----|------------|-------------------|
| 3/21 | A.M. 6:50  | 正門 | Front Gate | 2293.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:00  | 正門 | Front Gate | 2283.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:10  | 正門 | Front Gate | 2271.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:20  | 正門 | Front Gate | 2251.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:30  | 正門 | Front Gate | 2232.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:40  | 正門 | Front Gate | 2215.0 $\mu$ Sv/h |
| 3/21 | A.M. 7:50  | 正門 | Front Gate | 2200.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:00  | 正門 | Front Gate | 2168.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:10  | 正門 | Front Gate | 2161.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:20  | 正門 | Front Gate | 2147.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:30  | 正門 | Front Gate | 2140.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:40  | 正門 | Front Gate | 2128.0 $\mu$ Sv/h |
| 3/21 | A.M. 8:50  | 正門 | Front Gate | 2126.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:00  | 正門 | Front Gate | 2122.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:10  | 正門 | Front Gate | 2120.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:20  | 正門 | Front Gate | 2127.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:30  | 正門 | Front Gate | 2114.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:40  | 正門 | Front Gate | 2111.0 $\mu$ Sv/h |
| 3/21 | A.M. 9:50  | 正門 | Front Gate | 2108.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:00 | 正門 | Front Gate | 2098.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:10 | 正門 | Front Gate | 2100.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:20 | 正門 | Front Gate | 2100.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:30 | 正門 | Front Gate | 2100.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:40 | 正門 | Front Gate | 2102.0 $\mu$ Sv/h |
| 3/21 | A.M. 10:50 | 正門 | Front Gate | 2105.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:00 | 正門 | Front Gate | 2107.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:10 | 正門 | Front Gate | 2107.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:20 | 正門 | Front Gate | 2108.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:30 | 正門 | Front Gate | 2110.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:40 | 正門 | Front Gate | 2112.0 $\mu$ Sv/h |
| 3/21 | A.M. 11:50 | 正門 | Front Gate | 2113.0 $\mu$ Sv/h |
| 3/21 | P.M. 0:00  | 正門 | Front Gate | 2108.0 $\mu$ Sv/h |
| 3/21 | P.M. 0:10  | 正門 | Front Gate | 2112.0 $\mu$ Sv/h |
| 3/21 | P.M. 0:20  | 正門 | Front Gate | 2107.0 $\mu$ Sv/h |
| 3/21 | P.M. 0:30  | 正門 | Front Gate | 2111.0 $\mu$ Sv/h |
| 3/21 | A.M. 0:40  | 正門 | Front Gate | 2112.0 $\mu$ Sv/h |
| 3/21 | P.M. 0:50  | 正門 | Front Gate | 2110.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:00  | 正門 | Front Gate | 2105.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:10  | 正門 | Front Gate | 2103.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:20  | 正門 | Front Gate | 2098.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:30  | 正門 | Front Gate | 2092.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:40  | 正門 | Front Gate | 2089.0 $\mu$ Sv/h |
| 3/21 | P.M. 1:50  | 正門 | Front Gate | 2068.0 $\mu$ Sv/h |
| 3/21 | P.M. 2:00  | 正門 | Front Gate | 2064.0 $\mu$ Sv/h |
| 3/21 | P.M. 2:10  | 正門 | Front Gate | 2053.0 $\mu$ Sv/h |
| 3/21 | P.M. 2:20  | 正門 | Front Gate | 2043.0 $\mu$ Sv/h |
| 3/21 | P.M. 2:30  | 正門 | Front Gate | 2039.0 $\mu$ Sv/h |
| 3/21 | P.M. 2:40  | 正門 | Front Gate | 2035.0 $\mu$ Sv/h |

|      |            |    |            |                   |
|------|------------|----|------------|-------------------|
| 3/21 | P.M. 2:50  | 正門 | Front Gate | 2029.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:00  | 正門 | Front Gate | 2019.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:10  | 正門 | Front Gate | 2019.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:20  | 正門 | Front Gate | 2013.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:30  | 正門 | Front Gate | 2013.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:40  | 正門 | Front Gate | 2012.0 $\mu$ Sv/h |
| 3/21 | P.M. 3:50  | 正門 | Front Gate | 2013.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:00  | 正門 | Front Gate | 2016.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:10  | 正門 | Front Gate | 2013.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:20  | 正門 | Front Gate | 2011.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:30  | 正門 | Front Gate | 2015.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:42  | 正門 | Front Gate | 1140.0 $\mu$ Sv/h |
| 3/21 | P.M. 4:50  | 正門 | Front Gate | 508.0 $\mu$ Sv/h  |
| 3/21 | P.M. 5:06  | 正門 | Front Gate | 1292.0 $\mu$ Sv/h |
| 3/21 | P.M. 5:30  | 正門 | Front Gate | 729.0 $\mu$ Sv/h  |
| 3/21 | P.M. 5:40  | 正門 | Front Gate | 494.3 $\mu$ Sv/h  |
| 3/21 | P.M. 5:50  | 正門 | Front Gate | 1383.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:00  | 正門 | Front Gate | 1757.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:10  | 正門 | Front Gate | 1256.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:20  | 正門 | Front Gate | 1428.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:30  | 正門 | Front Gate | 1932.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:40  | 正門 | Front Gate | 1499.0 $\mu$ Sv/h |
| 3/21 | P.M. 6:50  | 正門 | Front Gate | 1105.0 $\mu$ Sv/h |
| 3/21 | P.M. 7:00  | 正門 | Front Gate | 1201.0 $\mu$ Sv/h |
| 3/21 | P.M. 7:10  | 正門 | Front Gate | 823.6 $\mu$ Sv/h  |
| 3/21 | P.M. 7:20  | 正門 | Front Gate | 700.1 $\mu$ Sv/h  |
| 3/21 | P.M. 7:30  | 正門 | Front Gate | 587.3 $\mu$ Sv/h  |
| 3/21 | P.M. 7:40  | 正門 | Front Gate | 503.9 $\mu$ Sv/h  |
| 3/21 | P.M. 7:50  | 正門 | Front Gate | 496.2 $\mu$ Sv/h  |
| 3/21 | P.M. 8:00  | 正門 | Front Gate | 493.5 $\mu$ Sv/h  |
| 3/21 | P.M. 8:10  | 正門 | Front Gate | 529.3 $\mu$ Sv/h  |
| 3/21 | P.M. 8:20  | 正門 | Front Gate | 471.2 $\mu$ Sv/h  |
| 3/21 | P.M. 8:30  | 正門 | Front Gate | 442.2 $\mu$ Sv/h  |
| 3/21 | P.M. 8:40  | 正門 | Front Gate | 432.4 $\mu$ Sv/h  |
| 3/21 | P.M. 8:50  | 正門 | Front Gate | 424.5 $\mu$ Sv/h  |
| 3/21 | P.M. 9:00  | 正門 | Front Gate | 417.1 $\mu$ Sv/h  |
| 3/21 | P.M. 9:10  | 正門 | Front Gate | 410.4 $\mu$ Sv/h  |
| 3/21 | P.M. 9:20  | 正門 | Front Gate | 403.8 $\mu$ Sv/h  |
| 3/21 | P.M. 9:30  | 正門 | Front Gate | 398.0 $\mu$ Sv/h  |
| 3/21 | P.M. 9:40  | 正門 | Front Gate | 390.6 $\mu$ Sv/h  |
| 3/21 | P.M. 9:50  | 正門 | Front Gate | 384.9 $\mu$ Sv/h  |
| 3/21 | P.M. 10:00 | 正門 | Front Gate | 380.0 $\mu$ Sv/h  |
| 3/21 | P.M. 10:10 | 正門 | Front Gate | 374.5 $\mu$ Sv/h  |
| 3/21 | P.M. 10:20 | 正門 | Front Gate | 369.6 $\mu$ Sv/h  |
| 3/21 | P.M. 10:30 | 正門 | Front Gate | 365.0 $\mu$ Sv/h  |
| 3/21 | P.M. 10:40 | 正門 | Front Gate | 360.9 $\mu$ Sv/h  |
| 3/21 | P.M. 10:50 | 正門 | Front Gate | 356.0 $\mu$ Sv/h  |
| 3/21 | P.M. 11:00 | 正門 | Front Gate | 352.7 $\mu$ Sv/h  |

|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/21 | P.M. 11:10 | 正門 | Front Gate | 348.5 $\mu$ Sv/h |
| 3/21 | P.M. 11:20 | 正門 | Front Gate | 344.6 $\mu$ Sv/h |
| 3/21 | P.M. 11:30 | 正門 | Front Gate | 341.5 $\mu$ Sv/h |
| 3/21 | P.M. 11:40 | 正門 | Front Gate | 338.5 $\mu$ Sv/h |
| 3/21 | P.M. 11:50 | 正門 | Front Gate | 334.1 $\mu$ Sv/h |
| 3/22 | A.M. 0:00  | 正門 | Front Gate | 331.8 $\mu$ Sv/h |
| 3/22 | A.M. 0:10  | 正門 | Front Gate | 329.3 $\mu$ Sv/h |
| 3/22 | A.M. 0:20  | 正門 | Front Gate | 327.5 $\mu$ Sv/h |
| 3/22 | A.M. 0:30  | 正門 | Front Gate | 325.8 $\mu$ Sv/h |
| 3/22 | A.M. 0:40  | 正門 | Front Gate | 323.9 $\mu$ Sv/h |
| 3/22 | A.M. 0:50  | 正門 | Front Gate | 320.8 $\mu$ Sv/h |
| 3/22 | A.M. 1:00  | 正門 | Front Gate | 314.8 $\mu$ Sv/h |
| 3/22 | A.M. 1:10  | 正門 | Front Gate | 313.0 $\mu$ Sv/h |
| 3/22 | A.M. 1:20  | 正門 | Front Gate | 311.3 $\mu$ Sv/h |
| 3/22 | A.M. 1:30  | 正門 | Front Gate | 308.9 $\mu$ Sv/h |
| 3/22 | A.M. 1:40  | 正門 | Front Gate | 308.4 $\mu$ Sv/h |
| 3/22 | A.M. 1:50  | 正門 | Front Gate | 305.9 $\mu$ Sv/h |
| 3/22 | A.M. 2:00  | 正門 | Front Gate | 304.5 $\mu$ Sv/h |
| 3/22 | A.M. 2:10  | 正門 | Front Gate | 303.2 $\mu$ Sv/h |
| 3/22 | A.M. 2:20  | 正門 | Front Gate | 301.3 $\mu$ Sv/h |
| 3/22 | A.M. 2:30  | 正門 | Front Gate | 299.7 $\mu$ Sv/h |
| 3/22 | A.M. 2:40  | 正門 | Front Gate | 298.0 $\mu$ Sv/h |
| 3/22 | A.M. 2:50  | 正門 | Front Gate | 296.2 $\mu$ Sv/h |
| 3/22 | A.M. 3:00  | 正門 | Front Gate | 294.9 $\mu$ Sv/h |
| 3/22 | A.M. 3:10  | 正門 | Front Gate | 293.8 $\mu$ Sv/h |
| 3/22 | A.M. 3:20  | 正門 | Front Gate | 293.6 $\mu$ Sv/h |
| 3/22 | A.M. 3:30  | 正門 | Front Gate | 291.6 $\mu$ Sv/h |
| 3/22 | A.M. 3:40  | 正門 | Front Gate | 291.1 $\mu$ Sv/h |
| 3/22 | A.M. 3:50  | 正門 | Front Gate | 290.0 $\mu$ Sv/h |
| 3/22 | A.M. 4:00  | 正門 | Front Gate | 288.9 $\mu$ Sv/h |
| 3/22 | A.M. 4:10  | 正門 | Front Gate | 288.1 $\mu$ Sv/h |
| 3/22 | A.M. 4:20  | 正門 | Front Gate | 287.0 $\mu$ Sv/h |
| 3/22 | A.M. 4:30  | 正門 | Front Gate | 286.0 $\mu$ Sv/h |
| 3/22 | A.M. 4:40  | 正門 | Front Gate | 283.6 $\mu$ Sv/h |
| 3/22 | A.M. 4:50  | 正門 | Front Gate | 280.1 $\mu$ Sv/h |
| 3/22 | A.M. 5:00  | 正門 | Front Gate | 273.9 $\mu$ Sv/h |
| 3/22 | A.M. 5:10  | 正門 | Front Gate | 271.0 $\mu$ Sv/h |
| 3/22 | A.M. 5:20  | 正門 | Front Gate | 268.0 $\mu$ Sv/h |
| 3/22 | A.M. 5:30  | 正門 | Front Gate | 267.4 $\mu$ Sv/h |
| 3/22 | A.M. 5:40  | 正門 | Front Gate | 265.8 $\mu$ Sv/h |
| 3/22 | A.M. 5:50  | 正門 | Front Gate | 265.3 $\mu$ Sv/h |
| 3/22 | A.M. 6:00  | 正門 | Front Gate | 264.6 $\mu$ Sv/h |
| 3/22 | A.M. 6:10  | 正門 | Front Gate | 264.3 $\mu$ Sv/h |
| 3/22 | A.M. 6:20  | 正門 | Front Gate | 265.5 $\mu$ Sv/h |
| 3/22 | A.M. 6:30  | 正門 | Front Gate | 263.7 $\mu$ Sv/h |
| 3/22 | A.M. 6:40  | 正門 | Front Gate | 262.6 $\mu$ Sv/h |
| 3/22 | A.M. 6:50  | 正門 | Front Gate | 262.1 $\mu$ Sv/h |
| 3/22 | A.M. 7:00  | 正門 | Front Gate | 261.9 $\mu$ Sv/h |



|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/22 | A.M. 7:10  | 正門 | Front Gate | 261.8 $\mu$ Sv/h |
| 3/22 | A.M. 7:20  | 正門 | Front Gate | 261.7 $\mu$ Sv/h |
| 3/22 | A.M. 7:30  | 正門 | Front Gate | 261.6 $\mu$ Sv/h |
| 3/22 | A.M. 7:40  | 正門 | Front Gate | 261.2 $\mu$ Sv/h |
| 3/22 | A.M. 7:50  | 正門 | Front Gate | 261.0 $\mu$ Sv/h |
| 3/22 | A.M. 8:00  | 正門 | Front Gate | 260.9 $\mu$ Sv/h |
| 3/22 | A.M. 8:10  | 正門 | Front Gate | 260.8 $\mu$ Sv/h |
| 3/22 | A.M. 8:20  | 正門 | Front Gate | 260.5 $\mu$ Sv/h |
| 3/22 | A.M. 8:30  | 正門 | Front Gate | 260.3 $\mu$ Sv/h |
| 3/22 | A.M. 8:40  | 正門 | Front Gate | 260.4 $\mu$ Sv/h |
| 3/22 | A.M. 8:50  | 正門 | Front Gate | 260.2 $\mu$ Sv/h |
| 3/22 | A.M. 9:00  | 正門 | Front Gate | 260.2 $\mu$ Sv/h |
| 3/22 | A.M. 9:10  | 正門 | Front Gate | 260.1 $\mu$ Sv/h |
| 3/22 | A.M. 9:20  | 正門 | Front Gate | 260.0 $\mu$ Sv/h |
| 3/22 | A.M. 9:30  | 正門 | Front Gate | 259.9 $\mu$ Sv/h |
| 3/22 | A.M. 9:40  | 正門 | Front Gate | 259.4 $\mu$ Sv/h |
| 3/22 | A.M. 9:50  | 正門 | Front Gate | 259.5 $\mu$ Sv/h |
| 3/22 | A.M. 10:00 | 正門 | Front Gate | 260.2 $\mu$ Sv/h |
| 3/22 | A.M. 10:10 | 正門 | Front Gate | 259.4 $\mu$ Sv/h |
| 3/22 | A.M. 10:20 | 正門 | Front Gate | 258.9 $\mu$ Sv/h |
| 3/22 | A.M. 10:30 | 正門 | Front Gate | 258.7 $\mu$ Sv/h |
| 3/22 | A.M. 10:40 | 正門 | Front Gate | 258.4 $\mu$ Sv/h |
| 3/22 | A.M. 10:50 | 正門 | Front Gate | 257.3 $\mu$ Sv/h |
| 3/22 | A.M. 11:00 | 正門 | Front Gate | 257.5 $\mu$ Sv/h |
| 3/22 | A.M. 11:10 | 正門 | Front Gate | 257.1 $\mu$ Sv/h |
| 3/22 | A.M. 11:20 | 正門 | Front Gate | 256.9 $\mu$ Sv/h |
| 3/22 | A.M. 11:30 | 正門 | Front Gate | 256.5 $\mu$ Sv/h |
| 3/22 | A.M. 11:40 | 正門 | Front Gate | 256.5 $\mu$ Sv/h |
| 3/22 | A.M. 11:50 | 正門 | Front Gate | 256.4 $\mu$ Sv/h |
| 3/22 | P.M. 0:00  | 正門 | Front Gate | 256.3 $\mu$ Sv/h |
| 3/22 | P.M. 0:10  | 正門 | Front Gate | 256.0 $\mu$ Sv/h |
| 3/22 | P.M. 0:20  | 正門 | Front Gate | 256.1 $\mu$ Sv/h |
| 3/22 | P.M. 0:30  | 正門 | Front Gate | 256.3 $\mu$ Sv/h |
| 3/22 | A.M. 0:40  | 正門 | Front Gate | 255.6 $\mu$ Sv/h |
| 3/22 | P.M. 0:50  | 正門 | Front Gate | 255.8 $\mu$ Sv/h |
| 3/22 | P.M. 1:00  | 正門 | Front Gate | 255.6 $\mu$ Sv/h |
| 3/22 | P.M. 1:10  | 正門 | Front Gate | 255.7 $\mu$ Sv/h |
| 3/22 | P.M. 1:20  | 正門 | Front Gate | 255.2 $\mu$ Sv/h |
| 3/22 | P.M. 1:30  | 正門 | Front Gate | 254.8 $\mu$ Sv/h |
| 3/22 | P.M. 1:40  | 正門 | Front Gate | 254.8 $\mu$ Sv/h |
| 3/22 | P.M. 1:50  | 正門 | Front Gate | 254.5 $\mu$ Sv/h |
| 3/22 | P.M. 2:00  | 正門 | Front Gate | 254.6 $\mu$ Sv/h |
| 3/22 | P.M. 2:10  | 正門 | Front Gate | 254.3 $\mu$ Sv/h |
| 3/22 | P.M. 2:20  | 正門 | Front Gate | 254.4 $\mu$ Sv/h |
| 3/22 | P.M. 2:30  | 正門 | Front Gate | 254.3 $\mu$ Sv/h |
| 3/22 | P.M. 2:40  | 正門 | Front Gate | 244.3 $\mu$ Sv/h |
| 3/22 | P.M. 2:50  | 正門 | Front Gate | 254.4 $\mu$ Sv/h |
| 3/22 | P.M. 3:00  | 正門 | Front Gate | 254.1 $\mu$ Sv/h |

|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/22 | P.M. 3:10  | 正門 | Front Gate | 255.3 $\mu$ Sv/h |
| 3/22 | P.M. 3:20  | 正門 | Front Gate | 265.7 $\mu$ Sv/h |
| 3/22 | P.M. 3:30  | 正門 | Front Gate | 277.5 $\mu$ Sv/h |
| 3/22 | P.M. 3:40  | 正門 | Front Gate | 265.2 $\mu$ Sv/h |
| 3/22 | P.M. 3:50  | 正門 | Front Gate | 258.8 $\mu$ Sv/h |
| 3/22 | P.M. 4:00  | 正門 | Front Gate | 274.0 $\mu$ Sv/h |
| 3/22 | P.M. 4:10  | 正門 | Front Gate | 280.6 $\mu$ Sv/h |
| 3/22 | P.M. 4:20  | 正門 | Front Gate | 330.6 $\mu$ Sv/h |
| 3/22 | P.M. 4:30  | 正門 | Front Gate | 352.3 $\mu$ Sv/h |
| 3/22 | P.M. 4:42  | 正門 | Front Gate | 384.2 $\mu$ Sv/h |
| 3/22 | P.M. 4:50  | 正門 | Front Gate | 294.0 $\mu$ Sv/h |
| 3/22 | P.M. 5:00  | 正門 | Front Gate | 330.8 $\mu$ Sv/h |
| 3/22 | P.M. 5:30  | 正門 | Front Gate | 351.6 $\mu$ Sv/h |
| 3/22 | P.M. 5:40  | 正門 | Front Gate | 278.9 $\mu$ Sv/h |
| 3/22 | P.M. 5:50  | 正門 | Front Gate | 275.2 $\mu$ Sv/h |
| 3/22 | P.M. 6:00  | 正門 | Front Gate | 265.5 $\mu$ Sv/h |
| 3/22 | P.M. 6:10  | 正門 | Front Gate | 264.1 $\mu$ Sv/h |
| 3/22 | P.M. 6:20  | 正門 | Front Gate | 261.5 $\mu$ Sv/h |
| 3/22 | P.M. 6:30  | 正門 | Front Gate | 324.6 $\mu$ Sv/h |
| 3/22 | P.M. 6:40  | 正門 | Front Gate | 322.8 $\mu$ Sv/h |
| 3/22 | P.M. 6:50  | 正門 | Front Gate | 303.8 $\mu$ Sv/h |
| 3/22 | P.M. 7:00  | 正門 | Front Gate | 367.9 $\mu$ Sv/h |
| 3/22 | P.M. 7:10  | 正門 | Front Gate | 363.1 $\mu$ Sv/h |
| 3/22 | P.M. 7:20  | 正門 | Front Gate | 320.9 $\mu$ Sv/h |
| 3/22 | P.M. 7:30  | 正門 | Front Gate | 472.7 $\mu$ Sv/h |
| 3/22 | P.M. 7:40  | 正門 | Front Gate | 340.7 $\mu$ Sv/h |
| 3/22 | P.M. 7:50  | 正門 | Front Gate | 258.0 $\mu$ Sv/h |
| 3/22 | P.M. 8:00  | 正門 | Front Gate | 254.1 $\mu$ Sv/h |
| 3/22 | P.M. 8:10  | 正門 | Front Gate | 253.4 $\mu$ Sv/h |
| 3/22 | P.M. 8:20  | 正門 | Front Gate | 252.5 $\mu$ Sv/h |
| 3/22 | P.M. 8:30  | 正門 | Front Gate | 251.5 $\mu$ Sv/h |
| 3/22 | P.M. 8:40  | 正門 | Front Gate | 250.5 $\mu$ Sv/h |
| 3/22 | P.M. 8:50  | 正門 | Front Gate | 249.1 $\mu$ Sv/h |
| 3/22 | P.M. 9:00  | 正門 | Front Gate | 246.1 $\mu$ Sv/h |
| 3/22 | P.M. 9:10  | 正門 | Front Gate | 244.4 $\mu$ Sv/h |
| 3/22 | P.M. 9:20  | 正門 | Front Gate | 242.8 $\mu$ Sv/h |
| 3/22 | P.M. 9:30  | 正門 | Front Gate | 241.0 $\mu$ Sv/h |
| 3/22 | P.M. 9:40  | 正門 | Front Gate | 240.6 $\mu$ Sv/h |
| 3/22 | P.M. 9:50  | 正門 | Front Gate | 239.5 $\mu$ Sv/h |
| 3/22 | P.M. 10:00 | 正門 | Front Gate | 239.3 $\mu$ Sv/h |
| 3/22 | P.M. 10:10 | 正門 | Front Gate | 237.0 $\mu$ Sv/h |
| 3/22 | P.M. 10:20 | 正門 | Front Gate | 237.4 $\mu$ Sv/h |
| 3/22 | P.M. 10:30 | 正門 | Front Gate | 236.2 $\mu$ Sv/h |
| 3/22 | P.M. 10:40 | 正門 | Front Gate | 235.7 $\mu$ Sv/h |
| 3/22 | P.M. 10:50 | 正門 | Front Gate | 235.8 $\mu$ Sv/h |
| 3/22 | P.M. 11:00 | 正門 | Front Gate | 235.9 $\mu$ Sv/h |
| 3/23 | A.M. 0:00  | 正門 | Front Gate | 233.4 $\mu$ Sv/h |
| 3/23 | A.M. 0:10  | 正門 | Front Gate | 233.3 $\mu$ Sv/h |

|      |           |    |            |                  |
|------|-----------|----|------------|------------------|
| 3/23 | A.M. 0:20 | 正門 | Front Gate | 232.3 $\mu$ Sv/h |
| 3/23 | A.M. 0:30 | 正門 | Front Gate | 231.6 $\mu$ Sv/h |
| 3/23 | A.M. 0:40 | 正門 | Front Gate | 230.1 $\mu$ Sv/h |
| 3/23 | A.M. 0:50 | 正門 | Front Gate | 229.4 $\mu$ Sv/h |
| 3/23 | A.M. 1:00 | 正門 | Front Gate | 227.5 $\mu$ Sv/h |
| 3/23 | A.M. 1:10 | 正門 | Front Gate | 227.4 $\mu$ Sv/h |
| 3/23 | A.M. 1:20 | 正門 | Front Gate | 227.2 $\mu$ Sv/h |
| 3/23 | A.M. 1:30 | 正門 | Front Gate | 226.2 $\mu$ Sv/h |
| 3/23 | A.M. 1:40 | 正門 | Front Gate | 226.8 $\mu$ Sv/h |
| 3/23 | A.M. 1:50 | 正門 | Front Gate | 226.7 $\mu$ Sv/h |
| 3/23 | A.M. 2:00 | 正門 | Front Gate | 226.7 $\mu$ Sv/h |
| 3/23 | A.M. 2:10 | 正門 | Front Gate | 226.9 $\mu$ Sv/h |
| 3/23 | A.M. 2:20 | 正門 | Front Gate | 227.1 $\mu$ Sv/h |
| 3/23 | A.M. 2:30 | 正門 | Front Gate | 227.1 $\mu$ Sv/h |
| 3/23 | A.M. 2:40 | 正門 | Front Gate | 227.2 $\mu$ Sv/h |
| 3/23 | A.M. 2:50 | 正門 | Front Gate | 227.3 $\mu$ Sv/h |
| 3/23 | A.M. 3:00 | 正門 | Front Gate | 227.6 $\mu$ Sv/h |
| 3/23 | A.M. 3:10 | 正門 | Front Gate | 228.5 $\mu$ Sv/h |
| 3/23 | A.M. 3:20 | 正門 | Front Gate | 228.7 $\mu$ Sv/h |
| 3/23 | A.M. 3:30 | 正門 | Front Gate | 228.8 $\mu$ Sv/h |
| 3/23 | A.M. 3:40 | 正門 | Front Gate | 228.8 $\mu$ Sv/h |
| 3/23 | A.M. 3:50 | 正門 | Front Gate | 229.0 $\mu$ Sv/h |
| 3/23 | A.M. 4:00 | 正門 | Front Gate | 229.1 $\mu$ Sv/h |
| 3/23 | A.M. 4:10 | 正門 | Front Gate | 229.1 $\mu$ Sv/h |
| 3/23 | A.M. 4:20 | 正門 | Front Gate | 229.4 $\mu$ Sv/h |
| 3/23 | A.M. 4:30 | 正門 | Front Gate | 229.3 $\mu$ Sv/h |
| 3/23 | A.M. 4:40 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 4:50 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 5:00 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 5:10 | 正門 | Front Gate | 229.3 $\mu$ Sv/h |
| 3/23 | A.M. 5:20 | 正門 | Front Gate | 229.6 $\mu$ Sv/h |
| 3/23 | A.M. 5:30 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 5:40 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 5:50 | 正門 | Front Gate | 229.7 $\mu$ Sv/h |
| 3/23 | A.M. 6:00 | 正門 | Front Gate | 229.6 $\mu$ Sv/h |
| 3/23 | A.M. 6:10 | 正門 | Front Gate | 229.6 $\mu$ Sv/h |
| 3/23 | A.M. 6:20 | 正門 | Front Gate | 229.4 $\mu$ Sv/h |
| 3/23 | A.M. 6:30 | 正門 | Front Gate | 229.6 $\mu$ Sv/h |
| 3/23 | A.M. 6:40 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 6:50 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 7:00 | 正門 | Front Gate | 229.3 $\mu$ Sv/h |
| 3/23 | A.M. 7:10 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 7:20 | 正門 | Front Gate | 229.3 $\mu$ Sv/h |
| 3/23 | A.M. 7:30 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | A.M. 7:40 | 正門 | Front Gate | 229.0 $\mu$ Sv/h |
| 3/23 | A.M. 7:50 | 正門 | Front Gate | 229.3 $\mu$ Sv/h |
| 3/23 | A.M. 8:00 | 正門 | Front Gate | 229.4 $\mu$ Sv/h |
| 3/23 | A.M. 8:10 | 正門 | Front Gate | 229.5 $\mu$ Sv/h |

|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/23 | A.M. 8:20  | 正門 | Front Gate | 229.2 $\mu$ Sv/h |
| 3/23 | A.M. 8:30  | 正門 | Front Gate | 229.4 $\mu$ Sv/h |
| 3/23 | A.M. 8:40  | 正門 | Front Gate | 229.1 $\mu$ Sv/h |
| 3/23 | A.M. 8:50  | 正門 | Front Gate | 229.1 $\mu$ Sv/h |
| 3/23 | A.M. 9:00  | 正門 | Front Gate | 229.1 $\mu$ Sv/h |
| 3/23 | A.M. 9:10  | 正門 | Front Gate | 228.7 $\mu$ Sv/h |
| 3/23 | A.M. 9:20  | 正門 | Front Gate | 227.6 $\mu$ Sv/h |
| 3/23 | A.M. 9:30  | 正門 | Front Gate | 226.9 $\mu$ Sv/h |
| 3/23 | A.M. 9:40  | 正門 | Front Gate | 228.6 $\mu$ Sv/h |
| 3/23 | A.M. 9:50  | 正門 | Front Gate | 227.6 $\mu$ Sv/h |
| 3/23 | A.M. 10:00 | 正門 | Front Gate | 211.4 $\mu$ Sv/h |
| 3/23 | A.M. 10:10 | 正門 | Front Gate | 227.7 $\mu$ Sv/h |
| 3/23 | A.M. 10:20 | 正門 | Front Gate | 227.2 $\mu$ Sv/h |
| 3/23 | A.M. 10:30 | 正門 | Front Gate | 227.3 $\mu$ Sv/h |
| 3/23 | A.M. 10:40 | 正門 | Front Gate | 227.1 $\mu$ Sv/h |
| 3/23 | A.M. 10:50 | 正門 | Front Gate | 227.2 $\mu$ Sv/h |
| 3/23 | A.M. 11:00 | 正門 | Front Gate | 227.0 $\mu$ Sv/h |
| 3/23 | A.M. 11:10 | 正門 | Front Gate | 226.8 $\mu$ Sv/h |
| 3/23 | A.M. 11:20 | 正門 | Front Gate | 226.8 $\mu$ Sv/h |
| 3/23 | A.M. 11:30 | 正門 | Front Gate | 226.3 $\mu$ Sv/h |
| 3/23 | A.M. 11:40 | 正門 | Front Gate | 225.7 $\mu$ Sv/h |
| 3/23 | A.M. 11:50 | 正門 | Front Gate | 226.3 $\mu$ Sv/h |
| 3/23 | P.M. 0:00  | 正門 | Front Gate | 225.2 $\mu$ Sv/h |
| 3/23 | P.M. 0:10  | 正門 | Front Gate | 226.0 $\mu$ Sv/h |
| 3/23 | P.M. 0:20  | 正門 | Front Gate | 224.8 $\mu$ Sv/h |
| 3/23 | P.M. 0:30  | 正門 | Front Gate | 224.9 $\mu$ Sv/h |
| 3/23 | P.M. 0:40  | 正門 | Front Gate | 224.7 $\mu$ Sv/h |
| 3/23 | P.M. 0:50  | 正門 | Front Gate | 224.8 $\mu$ Sv/h |
| 3/23 | P.M. 1:00  | 正門 | Front Gate | 225.4 $\mu$ Sv/h |
| 3/23 | P.M. 1:10  | 正門 | Front Gate | 224.8 $\mu$ Sv/h |
| 3/23 | P.M. 1:20  | 正門 | Front Gate | 225.7 $\mu$ Sv/h |
| 3/23 | P.M. 1:30  | 正門 | Front Gate | 224.1 $\mu$ Sv/h |
| 3/23 | P.M. 1:40  | 正門 | Front Gate | 223.7 $\mu$ Sv/h |
| 3/23 | P.M. 1:50  | 正門 | Front Gate | 222.7 $\mu$ Sv/h |
| 3/23 | P.M. 2:00  | 正門 | Front Gate | 222.4 $\mu$ Sv/h |
| 3/23 | P.M. 2:10  | 正門 | Front Gate | 231.1 $\mu$ Sv/h |
| 3/23 | P.M. 2:20  | 正門 | Front Gate | 435.0 $\mu$ Sv/h |
| 3/23 | P.M. 2:30  | 正門 | Front Gate | 288.7 $\mu$ Sv/h |
| 3/23 | P.M. 2:40  | 正門 | Front Gate | 309.7 $\mu$ Sv/h |
| 3/23 | P.M. 2:50  | 正門 | Front Gate | 267.8 $\mu$ Sv/h |
| 3/23 | P.M. 3:00  | 正門 | Front Gate | 265.4 $\mu$ Sv/h |
| 3/23 | P.M. 3:10  | 正門 | Front Gate | 396.0 $\mu$ Sv/h |
| 3/23 | P.M. 3:20  | 正門 | Front Gate | 415.6 $\mu$ Sv/h |
| 3/23 | P.M. 3:30  | 正門 | Front Gate | 414.7 $\mu$ Sv/h |
| 3/23 | P.M. 3:40  | 正門 | Front Gate | 401.6 $\mu$ Sv/h |
| 3/23 | P.M. 3:50  | 正門 | Front Gate | 318.4 $\mu$ Sv/h |
| 3/23 | P.M. 4:00  | 正門 | Front Gate | 331.5 $\mu$ Sv/h |
| 3/23 | P.M. 4:10  | 正門 | Front Gate | 313.4 $\mu$ Sv/h |

|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/23 | P.M. 4:20  | 正門 | Front Gate | 280.9 $\mu$ Sv/h |
| 3/23 | P.M. 4:30  | 正門 | Front Gate | 283.7 $\mu$ Sv/h |
| 3/23 | P.M. 4:40  | 正門 | Front Gate | 274.4 $\mu$ Sv/h |
| 3/23 | P.M. 4:50  | 正門 | Front Gate | 269.3 $\mu$ Sv/h |
| 3/23 | P.M. 5:00  | 正門 | Front Gate | 265.1 $\mu$ Sv/h |
| 3/23 | P.M. 5:10  | 正門 | Front Gate | 262.1 $\mu$ Sv/h |
| 3/23 | P.M. 5:20  | 正門 | Front Gate | 259.5 $\mu$ Sv/h |
| 3/23 | P.M. 5:30  | 正門 | Front Gate | 257.0 $\mu$ Sv/h |
| 3/23 | P.M. 5:40  | 正門 | Front Gate | 255.8 $\mu$ Sv/h |
| 3/23 | P.M. 5:50  | 正門 | Front Gate | 254.2 $\mu$ Sv/h |
| 3/23 | P.M. 6:00  | 正門 | Front Gate | 253.0 $\mu$ Sv/h |
| 3/23 | P.M. 6:10  | 正門 | Front Gate | 251.3 $\mu$ Sv/h |
| 3/23 | P.M. 6:20  | 正門 | Front Gate | 241.2 $\mu$ Sv/h |
| 3/23 | P.M. 6:30  | 正門 | Front Gate | 249.0 $\mu$ Sv/h |
| 3/23 | P.M. 6:40  | 正門 | Front Gate | 246.9 $\mu$ Sv/h |
| 3/23 | P.M. 6:50  | 正門 | Front Gate | 245.8 $\mu$ Sv/h |
| 3/23 | P.M. 7:00  | 正門 | Front Gate | 244.6 $\mu$ Sv/h |
| 3/23 | P.M. 7:10  | 正門 | Front Gate | 243.5 $\mu$ Sv/h |
| 3/23 | P.M. 7:20  | 正門 | Front Gate | 242.1 $\mu$ Sv/h |
| 3/23 | P.M. 7:30  | 正門 | Front Gate | 241.0 $\mu$ Sv/h |
| 3/23 | P.M. 7:40  | 正門 | Front Gate | 240.2 $\mu$ Sv/h |
| 3/23 | P.M. 7:50  | 正門 | Front Gate | 237.6 $\mu$ Sv/h |
| 3/23 | P.M. 8:00  | 正門 | Front Gate | 236.5 $\mu$ Sv/h |
| 3/23 | P.M. 8:10  | 正門 | Front Gate | 235.8 $\mu$ Sv/h |
| 3/23 | P.M. 8:20  | 正門 | Front Gate | 235.3 $\mu$ Sv/h |
| 3/23 | P.M. 8:30  | 正門 | Front Gate | 234.3 $\mu$ Sv/h |
| 3/23 | P.M. 8:40  | 正門 | Front Gate | 233.2 $\mu$ Sv/h |
| 3/23 | P.M. 8:50  | 正門 | Front Gate | 232.8 $\mu$ Sv/h |
| 3/23 | P.M. 9:00  | 正門 | Front Gate | 232.3 $\mu$ Sv/h |
| 3/23 | P.M. 9:10  | 正門 | Front Gate | 231.5 $\mu$ Sv/h |
| 3/23 | P.M. 9:20  | 正門 | Front Gate | 230.6 $\mu$ Sv/h |
| 3/23 | P.M. 9:30  | 正門 | Front Gate | 230.2 $\mu$ Sv/h |
| 3/23 | P.M. 9:40  | 正門 | Front Gate | 229.5 $\mu$ Sv/h |
| 3/23 | P.M. 9:50  | 正門 | Front Gate | 228.8 $\mu$ Sv/h |
| 3/23 | P.M. 10:00 | 正門 | Front Gate | 228.3 $\mu$ Sv/h |
| 3/23 | P.M. 10:10 | 正門 | Front Gate | 227.3 $\mu$ Sv/h |
| 3/23 | P.M. 10:20 | 正門 | Front Gate | 226.8 $\mu$ Sv/h |
| 3/23 | P.M. 10:30 | 正門 | Front Gate | 226.5 $\mu$ Sv/h |
| 3/23 | P.M. 10:40 | 正門 | Front Gate | 225.8 $\mu$ Sv/h |
| 3/23 | P.M. 10:50 | 正門 | Front Gate | 225.4 $\mu$ Sv/h |
| 3/23 | P.M. 11:00 | 正門 | Front Gate | 224.9 $\mu$ Sv/h |
| 3/23 | P.M. 11:10 | 正門 | Front Gate | 224.7 $\mu$ Sv/h |
| 3/23 | P.M. 11:20 | 正門 | Front Gate | 224.3 $\mu$ Sv/h |
| 3/23 | P.M. 11:30 | 正門 | Front Gate | 224.0 $\mu$ Sv/h |
| 3/23 | P.M. 11:40 | 正門 | Front Gate | 223.0 $\mu$ Sv/h |
| 3/23 | P.M. 11:50 | 正門 | Front Gate | 223.0 $\mu$ Sv/h |
| 3/24 | A.M. 0:00  | 正門 | Front Gate | 222.3 $\mu$ Sv/h |
| 3/24 | A.M. 0:10  | 正門 | Front Gate | 222.0 $\mu$ Sv/h |

|      |           |    |            |                  |
|------|-----------|----|------------|------------------|
| 3/24 | A.M. 0:20 | 正門 | Front Gate | 221.8 $\mu$ Sv/h |
| 3/24 | A.M. 0:30 | 正門 | Front Gate | 221.5 $\mu$ Sv/h |
| 3/24 | A.M. 0:40 | 正門 | Front Gate | 221.7 $\mu$ Sv/h |
| 3/24 | A.M. 0:50 | 正門 | Front Gate | 221.0 $\mu$ Sv/h |
| 3/24 | A.M. 1:00 | 正門 | Front Gate | 220.6 $\mu$ Sv/h |
| 3/24 | A.M. 1:10 | 正門 | Front Gate | 220.4 $\mu$ Sv/h |
| 3/24 | A.M. 1:20 | 正門 | Front Gate | 220.0 $\mu$ Sv/h |
| 3/24 | A.M. 1:30 | 正門 | Front Gate | 219.7 $\mu$ Sv/h |
| 3/24 | A.M. 1:40 | 正門 | Front Gate | 219.2 $\mu$ Sv/h |
| 3/24 | A.M. 1:50 | 正門 | Front Gate | 219.2 $\mu$ Sv/h |
| 3/24 | A.M. 2:00 | 正門 | Front Gate | 218.9 $\mu$ Sv/h |
| 3/24 | A.M. 2:10 | 正門 | Front Gate | 218.7 $\mu$ Sv/h |
| 3/24 | A.M. 2:20 | 正門 | Front Gate | 217.5 $\mu$ Sv/h |
| 3/24 | A.M. 2:30 | 正門 | Front Gate | 217.2 $\mu$ Sv/h |
| 3/24 | A.M. 2:40 | 正門 | Front Gate | 216.8 $\mu$ Sv/h |
| 3/24 | A.M. 2:50 | 正門 | Front Gate | 216.6 $\mu$ Sv/h |
| 3/24 | A.M. 3:00 | 正門 | Front Gate | 216.6 $\mu$ Sv/h |
| 3/24 | A.M. 3:10 | 正門 | Front Gate | 216.5 $\mu$ Sv/h |
| 3/24 | A.M. 3:20 | 正門 | Front Gate | 216.2 $\mu$ Sv/h |
| 3/24 | A.M. 3:30 | 正門 | Front Gate | 215.5 $\mu$ Sv/h |
| 3/24 | A.M. 3:40 | 正門 | Front Gate | 215.7 $\mu$ Sv/h |
| 3/24 | A.M. 3:50 | 正門 | Front Gate | 215.4 $\mu$ Sv/h |
| 3/24 | A.M. 4:00 | 正門 | Front Gate | 215.1 $\mu$ Sv/h |
| 3/24 | A.M. 4:10 | 正門 | Front Gate | 215.0 $\mu$ Sv/h |
| 3/24 | A.M. 4:20 | 正門 | Front Gate | 214.7 $\mu$ Sv/h |
| 3/24 | A.M. 4:30 | 正門 | Front Gate | 214.5 $\mu$ Sv/h |
| 3/24 | A.M. 4:40 | 正門 | Front Gate | 214.7 $\mu$ Sv/h |
| 3/24 | A.M. 4:50 | 正門 | Front Gate | 214.3 $\mu$ Sv/h |
| 3/24 | A.M. 5:00 | 正門 | Front Gate | 214.4 $\mu$ Sv/h |
| 3/24 | A.M. 5:10 | 正門 | Front Gate | 214.0 $\mu$ Sv/h |
| 3/24 | A.M. 5:20 | 正門 | Front Gate | 213.6 $\mu$ Sv/h |
| 3/24 | A.M. 5:30 | 正門 | Front Gate | 213.8 $\mu$ Sv/h |
| 3/24 | A.M. 5:40 | 正門 | Front Gate | 216.2 $\mu$ Sv/h |
| 3/24 | A.M. 5:50 | 正門 | Front Gate | 213.6 $\mu$ Sv/h |
| 3/24 | A.M. 6:00 | 正門 | Front Gate | 212.8 $\mu$ Sv/h |
| 3/24 | A.M. 6:10 | 正門 | Front Gate | 212.8 $\mu$ Sv/h |
| 3/24 | A.M. 6:20 | 正門 | Front Gate | 214.7 $\mu$ Sv/h |
| 3/24 | A.M. 6:30 | 正門 | Front Gate | 230.9 $\mu$ Sv/h |
| 3/24 | A.M. 6:40 | 正門 | Front Gate | 213.7 $\mu$ Sv/h |
| 3/24 | A.M. 6:50 | 正門 | Front Gate | 212.3 $\mu$ Sv/h |
| 3/24 | A.M. 7:00 | 正門 | Front Gate | 212.2 $\mu$ Sv/h |
| 3/24 | A.M. 7:10 | 正門 | Front Gate | 212.0 $\mu$ Sv/h |
| 3/24 | A.M. 7:20 | 正門 | Front Gate | 211.8 $\mu$ Sv/h |
| 3/24 | A.M. 7:30 | 正門 | Front Gate | 211.9 $\mu$ Sv/h |
| 3/24 | A.M. 7:40 | 正門 | Front Gate | 211.9 $\mu$ Sv/h |
| 3/24 | A.M. 7:50 | 正門 | Front Gate | 211.7 $\mu$ Sv/h |
| 3/24 | A.M. 8:00 | 正門 | Front Gate | 211.6 $\mu$ Sv/h |
| 3/24 | A.M. 8:10 | 正門 | Front Gate | 211.6 $\mu$ Sv/h |

|      |            |      |                           |                  |
|------|------------|------|---------------------------|------------------|
| 3/24 | A.M. 8:20  | 正門   | Front Gate                | 21.6 $\mu$ Sv/h  |
| 3/24 | A.M. 8:30  | 正門   | Front Gate                | 211.2 $\mu$ Sv/h |
| 3/24 | A.M. 8:40  | 正門   | Front Gate                | 211.5 $\mu$ Sv/h |
| 3/24 | A.M. 8:50  | 正門   | Front Gate                | 211.1 $\mu$ Sv/h |
| 3/24 | A.M. 9:00  | 正門   | Front Gate                | 210.1 $\mu$ Sv/h |
| 3/24 | A.M. 9:10  | 正門   | Front Gate                | 210.8 $\mu$ Sv/h |
| 3/24 | A.M. 9:20  | 正門   | Front Gate                | 210.8 $\mu$ Sv/h |
| 3/24 | A.M. 9:30  | 正門   | Front Gate                | 210.7 $\mu$ Sv/h |
| 3/24 | A.M. 9:40  | 正門   | Front Gate                | 210.6 $\mu$ Sv/h |
| 3/24 | A.M. 9:50  | 正門   | Front Gate                | 210.5 $\mu$ Sv/h |
| 3/24 | A.M. 10:00 | 正門   | Front Gate                | 210.1 $\mu$ Sv/h |
| 3/24 | A.M. 10:10 | 正門   | Front Gate                | 210.0 $\mu$ Sv/h |
| 3/24 | A.M. 10:20 | 正門   | Front Gate                | 209.7 $\mu$ Sv/h |
| 3/24 | A.M. 10:30 | 正門   | Front Gate                | 209.7 $\mu$ Sv/h |
| 3/24 | A.M. 10:40 | 正門   | Front Gate                | 209.5 $\mu$ Sv/h |
| 3/24 | A.M. 10:50 | 正門   | Front Gate                | 209.6 $\mu$ Sv/h |
| 3/24 | A.M. 11:00 | 正門   | Front Gate                | 209.3 $\mu$ Sv/h |
| 3/24 | A.M. 11:10 | 正門   | Front Gate                | 209.2 $\mu$ Sv/h |
| 3/24 | A.M. 11:20 | 正門   | Front Gate                | 209.5 $\mu$ Sv/h |
| 3/24 | A.M. 11:30 | 正門   | Front Gate                | 209.5 $\mu$ Sv/h |
| 3/24 | A.M. 11:40 | 正門   | Front Gate                | 209.6 $\mu$ Sv/h |
| 3/24 | A.M. 11:50 | 正門   | Front Gate                | 209.1 $\mu$ Sv/h |
| 3/24 | P.M. 0:00  | 正門   | Front Gate                | 209.4 $\mu$ Sv/h |
| 3/24 | P.M. 0:10  | 正門   | Front Gate                | 209.4 $\mu$ Sv/h |
| 3/24 | P.M. 0:20  | 正門   | Front Gate                | 209.2 $\mu$ Sv/h |
| 3/24 | P.M. 0:30  | 正門   | Front Gate                | 201.1 $\mu$ Sv/h |
| 3/24 | A.M. 0:40  | 正門   | Front Gate                | 208.8 $\mu$ Sv/h |
| 3/24 | P.M. 0:50  | 正門   | Front Gate                | 208.7 $\mu$ Sv/h |
| 3/24 | P.M. 1:00  | 正門   | Front Gate                | 208.1 $\mu$ Sv/h |
| 3/24 | P.M. 1:10  | 正門   | Front Gate                | 207.9 $\mu$ Sv/h |
| 3/24 | P.M. 1:20  | 正門   | Front Gate                | 207.5 $\mu$ Sv/h |
| 3/24 | P.M. 1:30  | 正門   | Front Gate                | 207.5 $\mu$ Sv/h |
| 3/24 | P.M. 1:40  | 正門   | Front Gate                | 207.2 $\mu$ Sv/h |
| 3/24 | P.M. 1:50  | 正門   | Front Gate                | 209.3 $\mu$ Sv/h |
| 3/24 | P.M. 2:00  | 正門   | Front Gate                | 209.0 $\mu$ Sv/h |
| 3/24 | P.M. 2:10  | 正門   | Front Gate                | 208.5 $\mu$ Sv/h |
| 3/24 | P.M. 2:20  | 免震棟前 | Seismic-isolated Building | 429.5 $\mu$ Sv/h |
| 3/24 | P.M. 2:30  | 免震棟前 | Seismic-isolated Building | 427.0 $\mu$ Sv/h |
| 3/24 | P.M. 2:50  | 正門   | Front Gate                | 210.0 $\mu$ Sv/h |
| 3/24 | P.M. 3:00  | 正門   | Front Gate                | 209.8 $\mu$ Sv/h |
| 3/24 | P.M. 3:10  | 正門   | Front Gate                | 209.4 $\mu$ Sv/h |
| 3/24 | P.M. 3:20  | 正門   | Front Gate                | 209.2 $\mu$ Sv/h |
| 3/24 | P.M. 3:30  | 正門   | Front Gate                | 208.8 $\mu$ Sv/h |
| 3/24 | P.M. 3:40  | 正門   | Front Gate                | 208.0 $\mu$ Sv/h |
| 3/24 | P.M. 3:50  | 正門   | Front Gate                | 207.6 $\mu$ Sv/h |
| 3/24 | P.M. 4:00  | 正門   | Front Gate                | 207.4 $\mu$ Sv/h |
| 3/24 | P.M. 4:10  | 正門   | Front Gate                | 207.3 $\mu$ Sv/h |
| 3/24 | P.M. 4:20  | 正門   | Front Gate                | 207.1 $\mu$ Sv/h |



|      |            |    |            |                  |
|------|------------|----|------------|------------------|
| 3/24 | P.M. 4:30  | 正門 | Front Gate | 207.0 $\mu$ Sv/h |
| 3/24 | P.M. 4:40  | 正門 | Front Gate | 206.9 $\mu$ Sv/h |
| 3/24 | P.M. 4:50  | 正門 | Front Gate | 206.5 $\mu$ Sv/h |
| 3/24 | P.M. 5:00  | 正門 | Front Gate | 206.4 $\mu$ Sv/h |
| 3/24 | P.M. 5:10  | 正門 | Front Gate | 206.3 $\mu$ Sv/h |
| 3/24 | P.M. 5:20  | 正門 | Front Gate | 206.1 $\mu$ Sv/h |
| 3/24 | P.M. 5:30  | 正門 | Front Gate | 206.0 $\mu$ Sv/h |
| 3/24 | P.M. 5:40  | 正門 | Front Gate | 205.6 $\mu$ Sv/h |
| 3/24 | P.M. 5:50  | 正門 | Front Gate | 205.3 $\mu$ Sv/h |
| 3/24 | P.M. 6:00  | 正門 | Front Gate | 204.6 $\mu$ Sv/h |
| 3/24 | P.M. 6:10  | 正門 | Front Gate | 204.9 $\mu$ Sv/h |
| 3/24 | P.M. 6:20  | 正門 | Front Gate | 204.7 $\mu$ Sv/h |
| 3/24 | P.M. 6:30  | 正門 | Front Gate | 204.5 $\mu$ Sv/h |
| 3/24 | P.M. 6:40  | 正門 | Front Gate | 204.4 $\mu$ Sv/h |
| 3/24 | P.M. 6:50  | 正門 | Front Gate | 204.4 $\mu$ Sv/h |
| 3/24 | P.M. 7:00  | 正門 | Front Gate | 204.3 $\mu$ Sv/h |
| 3/24 | P.M. 7:10  | 正門 | Front Gate | 204.2 $\mu$ Sv/h |
| 3/24 | P.M. 7:20  | 正門 | Front Gate | 203.9 $\mu$ Sv/h |
| 3/24 | P.M. 7:30  | 正門 | Front Gate | 203.5 $\mu$ Sv/h |
| 3/24 | P.M. 7:40  | 正門 | Front Gate | 203.0 $\mu$ Sv/h |
| 3/24 | P.M. 7:50  | 正門 | Front Gate | 202.9 $\mu$ Sv/h |
| 3/24 | P.M. 8:00  | 正門 | Front Gate | 202.9 $\mu$ Sv/h |
| 3/24 | P.M. 8:10  | 正門 | Front Gate | 202.6 $\mu$ Sv/h |
| 3/24 | P.M. 8:20  | 正門 | Front Gate | 202.5 $\mu$ Sv/h |
| 3/24 | P.M. 8:30  | 正門 | Front Gate | 202.4 $\mu$ Sv/h |
| 3/24 | P.M. 8:40  | 正門 | Front Gate | 202.4 $\mu$ Sv/h |
| 3/24 | P.M. 8:50  | 正門 | Front Gate | 202.2 $\mu$ Sv/h |
| 3/24 | P.M. 9:00  | 正門 | Front Gate | 202.0 $\mu$ Sv/h |
| 3/24 | P.M. 9:10  | 正門 | Front Gate | 202.0 $\mu$ Sv/h |
| 3/24 | P.M. 9:20  | 正門 | Front Gate | 201.7 $\mu$ Sv/h |
| 3/24 | P.M. 9:30  | 正門 | Front Gate | 201.4 $\mu$ Sv/h |
| 3/24 | P.M. 9:40  | 正門 | Front Gate | 201.3 $\mu$ Sv/h |
| 3/24 | P.M. 9:50  | 正門 | Front Gate | 201.3 $\mu$ Sv/h |
| 3/24 | P.M. 10:00 | 正門 | Front Gate | 201.2 $\mu$ Sv/h |
| 3/24 | P.M. 10:10 | 正門 | Front Gate | 201.1 $\mu$ Sv/h |
| 3/24 | P.M. 10:20 | 正門 | Front Gate | 201.2 $\mu$ Sv/h |
| 3/24 | P.M. 10:30 | 正門 | Front Gate | 200.5 $\mu$ Sv/h |
| 3/24 | P.M. 10:40 | 正門 | Front Gate | 200.6 $\mu$ Sv/h |
| 3/24 | P.M. 10:50 | 正門 | Front Gate | 200.4 $\mu$ Sv/h |
| 3/24 | P.M. 11:00 | 正門 | Front Gate | 200.2 $\mu$ Sv/h |
| 3/24 | P.M. 11:10 | 正門 | Front Gate | 199.9 $\mu$ Sv/h |
| 3/24 | P.M. 11:20 | 正門 | Front Gate | 200.0 $\mu$ Sv/h |
| 3/24 | P.M. 11:30 | 正門 | Front Gate | 199.8 $\mu$ Sv/h |
| 3/24 | P.M. 11:40 | 正門 | Front Gate | 199.8 $\mu$ Sv/h |
| 3/24 | P.M. 11:50 | 正門 | Front Gate | 199.6 $\mu$ Sv/h |
| 3/25 | A.M. 0:00  | 正門 | Front Gate | 199.5 $\mu$ Sv/h |
| 3/25 | A.M. 0:10  | 正門 | Front Gate | 199.3 $\mu$ Sv/h |
| 3/25 | A.M. 0:20  | 正門 | Front Gate | 199.0 $\mu$ Sv/h |

|      |           |    |            |                  |
|------|-----------|----|------------|------------------|
| 3/25 | A.M. 0:30 | 正門 | Front Gate | 199.0 $\mu$ Sv/h |
| 3/25 | A.M. 0:40 | 正門 | Front Gate | 198.9 $\mu$ Sv/h |
| 3/25 | A.M. 0:50 | 正門 | Front Gate | 198.8 $\mu$ Sv/h |
| 3/25 | A.M. 1:00 | 正門 | Front Gate | 198.6 $\mu$ Sv/h |
| 3/25 | A.M. 1:10 | 正門 | Front Gate | 197.7 $\mu$ Sv/h |
| 3/25 | A.M. 1:20 | 正門 | Front Gate | 197.0 $\mu$ Sv/h |
| 3/25 | A.M. 1:30 | 正門 | Front Gate | 196.9 $\mu$ Sv/h |
| 3/25 | A.M. 1:40 | 正門 | Front Gate | 196.5 $\mu$ Sv/h |
| 3/25 | A.M. 1:50 | 正門 | Front Gate | 196.5 $\mu$ Sv/h |
| 3/25 | A.M. 2:00 | 正門 | Front Gate | 196.5 $\mu$ Sv/h |
| 3/25 | A.M. 2:10 | 正門 | Front Gate | 196.4 $\mu$ Sv/h |
| 3/25 | A.M. 2:20 | 正門 | Front Gate | 196.3 $\mu$ Sv/h |
| 3/25 | A.M. 2:30 | 正門 | Front Gate | 196.1 $\mu$ Sv/h |
| 3/25 | A.M. 2:40 | 正門 | Front Gate | 195.9 $\mu$ Sv/h |
| 3/25 | A.M. 2:50 | 正門 | Front Gate | 195.8 $\mu$ Sv/h |
| 3/25 | A.M. 3:00 | 正門 | Front Gate | 195.7 $\mu$ Sv/h |
| 3/25 | A.M. 3:10 | 正門 | Front Gate | 195.7 $\mu$ Sv/h |
| 3/25 | A.M. 3:20 | 正門 | Front Gate | 195.6 $\mu$ Sv/h |
| 3/25 | A.M. 3:30 | 正門 | Front Gate | 195.6 $\mu$ Sv/h |
| 3/25 | A.M. 3:40 | 正門 | Front Gate | 195.5 $\mu$ Sv/h |
| 3/25 | A.M. 3:50 | 正門 | Front Gate | 195.1 $\mu$ Sv/h |
| 3/25 | A.M. 4:00 | 正門 | Front Gate | 195.1 $\mu$ Sv/h |
| 3/25 | A.M. 4:10 | 正門 | Front Gate | 195.0 $\mu$ Sv/h |
| 3/25 | A.M. 4:20 | 正門 | Front Gate | 195.0 $\mu$ Sv/h |
| 3/25 | A.M. 4:30 | 正門 | Front Gate | 195.0 $\mu$ Sv/h |
| 3/25 | A.M. 4:40 | 正門 | Front Gate | 194.5 $\mu$ Sv/h |
| 3/25 | A.M. 4:50 | 正門 | Front Gate | 194.5 $\mu$ Sv/h |
| 3/25 | A.M. 5:00 | 正門 | Front Gate | 194.4 $\mu$ Sv/h |
| 3/25 | A.M. 5:10 | 正門 | Front Gate | 194.4 $\mu$ Sv/h |
| 3/25 | A.M. 5:20 | 正門 | Front Gate | 194.3 $\mu$ Sv/h |
| 3/25 | A.M. 5:30 | 正門 | Front Gate | 194.2 $\mu$ Sv/h |
| 3/25 | A.M. 5:40 | 正門 | Front Gate | 194.1 $\mu$ Sv/h |
| 3/25 | A.M. 5:50 | 正門 | Front Gate | 193.8 $\mu$ Sv/h |
| 3/25 | A.M. 6:00 | 正門 | Front Gate | 193.8 $\mu$ Sv/h |

| Neutron ray  | Wind direction | Wind direction | Wind speed<br>(m/s) |
|--------------|----------------|----------------|---------------------|
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| —            | —              |                | —                   |
| < 0.001μSv/h | 北東             | NE             | 0.4                 |
| < 0.001μSv/h | 北西             | NW             | 0.5                 |
| < 0.001μSv/h | 東北東            | ENE            | 0.4                 |
| < 0.001μSv/h | 北              | N              | 0.4                 |
| < 0.001μSv/h | 東北東            | ENE            | 0.6                 |
| < 0.001μSv/h | 北東             | NE             | 0.5                 |
| < 0.001μSv/h | 北北西            | NNW            | 0.5                 |
| < 0.001μSv/h | 北              | N              | 0.6                 |
| < 0.001μSv/h | 西              | W              | 0.7                 |
| < 0.001μSv/h | 北              | N              | 0.8                 |
| < 0.001μSv/h | 西北西            | WNW            | 0.4                 |
| < 0.001μSv/h | 北              | N              | 0.3                 |
| < 0.001μSv/h | 北              | N              | 0.4                 |
| < 0.001μSv/h | 北北東            | NNE            | 0.4                 |
| < 0.001μSv/h | 南東             | SE             | 0.5                 |
| < 0.001μSv/h | 北東             | NE             | 2.0                 |
| < 0.001μSv/h | 北東             |                | 1.8                 |
| < 0.001μSv/h | 東北東            | ENE            | 0.9                 |
| < 0.001μSv/h | 東北東            | ENE            | 1.1                 |
| < 0.001μSv/h | 北北西            | NNW            | 0.6                 |
| < 0.001μSv/h | 西南西            | WSW            | 0.8                 |
| < 0.001μSv/h | 南西             | SW             | 0.7                 |
| < 0.001μSv/h | 西南西            | WSW            | 0.7                 |
| < 0.001μSv/h | 北西             | NW             | 1.0                 |
| < 0.001μSv/h | 北北西            | NNW            | 0.9                 |
| < 0.001μSv/h | 北北西            | NNW            | 1.4                 |
| < 0.001μSv/h | 北北西            | NNW            | 2.0                 |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 北西  | NW  | 1.7 |
| < 0.001μSv/h | 西   | W   | 0.9 |
| < 0.001μSv/h | 西   | W   | 1.0 |
| < 0.001μSv/h | 西   | W   | 0.6 |
| < 0.001μSv/h | 西南西 | WSW | 0.5 |
| < 0.001μSv/h | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 北東  | NE  | 0.5 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西南西 | WSW | 0.2 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西北西 | WNW | 0.7 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 1.1 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南東  | SE  | 0.9 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南西  | SW  | 0.9 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 1.2 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 2.0 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 1.6 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南東  | SE  | 2.5 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南南東 | SSW | 2.8 |
| —            | —   |     | —   |
| —            | —   |     | —   |

SSE

|

|              |    |    |     |
|--------------|----|----|-----|
| < 0.001μSv/h | 南  | S  | 1.9 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 南東 | SE | 2.2 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 南東 | SE | 2.0 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 北  | N  | 1.8 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 北  | N  | 2.0 |
| —            | —  |    | —   |
| < 0.001μSv/h | 北  | N  | 1.7 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南西 | SW | 1.6 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南西 | SW | 2.7 |
| —            | —  |    | —   |
| < 0.001μSv/h | 北東 | NE | 2.2 |
| —            | —  |    | —   |
| < 0.001μSv/h | 東  | E  | 1.6 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南西 | SW | 2.0 |
| —            | —  |    | —   |
| < 0.001μSv/h | 北西 | NW | 2.7 |
| —            | —  |    | —   |
| < 0.001μSv/h | 北  | N  | 2.3 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 西  | W  | 1.9 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 北西 | NE | 2.2 |
| —            | —  |    | —   |
| —            | —  |    | —   |
| < 0.001μSv/h | 南東 | SE | 1.8 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南  | S  | 2.0 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南東 | SE | 1.7 |
| —            | —  |    | —   |
| < 0.001μSv/h | 東  | E  | 1.7 |
| —            | —  |    | —   |
| < 0.001μSv/h | 南  | S  | 2.6 |
| —            | —  |    | —   |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 東   | E   | 2.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南東  | SE  | 3.5 |
| —            | —   | —   | —   |
| —            | —   | —   | —   |
| < 0.001μSv/h | 東   | E   | 2.9 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 3.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 3.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 3.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 3.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 2.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 3.2 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 3.0 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 2.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 2.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 2.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 2.2 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 2.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 1.9 |
| —            | —   | —   | —   |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.5 |
| < 0.001μSv/h | 北西  | SW  | 0.4 |
| —            | —   | —   | —   |

NW |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 西   | W   | 0.3 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西   | S   | 0.5 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南西  | SW  | 0.6 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 南西  | SW  | 0.5 |
| —            | —   |     | —   |
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南西  | SW  | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   |     | —   |
| —            | —   |     | —   |
| < 0.001μSv/h | 西   | W   | 0.3 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 北   | NW  | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西   | W   | 0.4 |
| < 0.001μSv/h | 北西  | NW  | 0.5 |
| < 0.001μSv/h | 北東  | NE  | 0.3 |
| —            | —   |     | —   |
| < 0.001μSv/h | 北北西 | NNW | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南   | S   | 0.4 |
| —            | —   |     | —   |
| < 0.001μSv/h | 西北西 | WNW | 0.6 |
| —            | —   |     | —   |
| < 0.001μSv/h | 北西  | NW  | 0.6 |
| —            | —   |     | —   |
| < 0.001μSv/h | 南東  | SE  | 0.5 |
| —            | —   |     | —   |

W

N



|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北東  | NE  | 0.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北東  | NE  | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西北西 | WNW | 0.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南東  | SE  | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南西  | SW  | 0.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 1.2 |
| < 0.001μSv/h | 南東  | SE  | 1.5 |
| < 0.001μSv/h | 南南東 | SSE | 2.0 |
| < 0.001μSv/h | 南   | S   | 1.6 |
| < 0.001μSv/h | 南西  | SW  | 1.2 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.8 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南西  | SW  | 1.2 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 1.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 1.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 1.2 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北北東 | NNE | 0.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北   | N   | 0.8 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北   | N   | 0.7 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.3 |

|              |     |     |     |
|--------------|-----|-----|-----|
| —            | —   | —   | —   |
| 0.002        | 北西  | NW  | 0.6 |
| —            | —   | —   | —   |
| 0.002        | 西   | W   | 0.6 |
| —            | —   | —   | —   |
| 0.001        | 南東  | SE  | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 0.9 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南   | S   | 1.1 |
| —            | —   | —   | —   |
| 0.002        | 南南西 | SSW | 0.9 |
| —            | —   | —   | —   |
| 0.001        | 西   | W   | 0.8 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南西 | SSW | 1.3 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西北西 | WNW | 1.6 |
| —            | —   | —   | —   |
| 0.001        | 北   | N   | 0.9 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北   | N   | 0.9 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北西  | NW  | 0.9 |
| —            | —   | —   | —   |
| 0.001        | 北西  | NW  | 0.9 |
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| 0.001        | 南   | S   | 0.4 |
| < 0.001μSv/h | 東   | E   | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 東   | E   | 0.5 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 1.6 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南東  | SE  | 1.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南東  |     | 2.0 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 南南東 | SSE | 2.4 |
| —            | —   | —   | —   |
| —            | 東北東 | ENE | 0.5 |
| < 0.001μSv/h | 東   | E   | 1.5 |
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 0.8 |
| < 0.001μSv/h | 南南西 | SSE | 1.4 |

SE

|              |     |     |     |
|--------------|-----|-----|-----|
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 1.8 |
| 0.001        | 北   | N   | 1.5 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 1.8 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.3 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.7 |
| < 0.001μSv/h | 北西  | NW  | 3.1 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.6 |
| < 0.001μSv/h | 北西  | NW  | 3.2 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.9 |
| < 0.001μSv/h | 北北西 | NNW | 4.2 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.3 |
| < 0.001μSv/h | 北   | N   | 2.8 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.4 |
| < 0.001μSv/h | 北   | N   | 3.3 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.8 |
| 0.002        | 北北西 | NNW | 3.3 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.7 |
| < 0.001μSv/h | 南東  | SE  | 3.3 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.2 |
| < 0.001μSv/h | 南   | S   | 2.4 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 2.3 |
| < 0.001μSv/h | 北西  | NW  | 2.8 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.5 |
| < 0.001μSv/h | 北西  | NW  | 2.7 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.1 |
| < 0.001μSv/h | 西   | WNW | 2.7 |
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 3.1 |
| < 0.001μSv/h | 北北西 | NNW | 2.5 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 2.4 |
| < 0.001μSv/h | 東   | E   | 2.4 |
| —            | —   | —   | —   |

W

|

|              |     |     |     |     |
|--------------|-----|-----|-----|-----|
| —            | 北西  | NW  | 1.6 |     |
| < 0.001μSv/h | 西   | W   | 2.2 |     |
| —            | —   |     | —   |     |
| —            | 北西  | NW  | 1.3 |     |
| < 0.001μSv/h | 南   | S   | 2.1 |     |
| —            | —   |     | —   |     |
| —            | 北西  | NW  | 2.9 |     |
| < 0.001μSv/h | 北   | N   | 2.0 |     |
| —            | —   |     | —   |     |
| —            | 北西  | NW  | 2.3 |     |
| < 0.001μSv/h | 南南西 |     | 2.1 | SSW |
| —            | —   |     | —   |     |
| —            | 北西  | NW  | 2.8 |     |
| < 0.001μSv/h | 西   |     | 2.1 | W   |
| —            | —   |     | —   |     |
| —            | 北北西 | NNW | 1.9 |     |
| < 0.001μSv/h | 北西  | NW  | 2.1 |     |
| —            | —   |     | —   |     |
| —            | 北北西 | NNW | 2.3 |     |
| < 0.001μSv/h | 南南西 | SSW | 2.6 |     |
| —            | —   |     | —   |     |
| —            | 西北西 | WNW | 2.6 |     |
| < 0.001μSv/h | 南   | S   | 2.7 |     |
| —            | —   |     | —   |     |
| —            | 西北西 | WNW | 2.5 |     |
| < 0.001μSv/h | 南西  | SW  | 1.6 |     |
| —            | —   |     | —   |     |
| —            | 西北西 | WNW | 1.7 |     |
| < 0.001μSv/h | 北北西 | NNW | 2.2 |     |
| —            | —   |     | —   |     |
| —            | 北西  | NW  | 1.6 |     |
| < 0.001μSv/h | 南東  | SE  | 1.7 |     |
| —            | —   |     | —   |     |
| —            | 東北東 | ENE | 1.5 |     |
| < 0.001μSv/h | 南   | S   | 2.6 |     |
| —            | —   |     | —   |     |
| —            | 南   | S   | 0.6 |     |
| < 0.001μSv/h | 南南東 | SSE | 2.1 |     |
| —            | —   |     | —   |     |
| —            | 東南東 | ESE | 0.7 |     |
| < 0.001μSv/h | 南南東 | SSE | 2.5 |     |
| —            | —   |     | —   |     |
| —            | 南   | S   | 0.6 |     |
| < 0.001μSv/h | 南南東 | SSE | 2.2 |     |
| —            | —   |     | —   |     |
| —            | 南南東 | SSE | 0.5 |     |
| < 0.001μSv/h | 南東  | SE  | 1.6 |     |

|              |     |     |     |     |
|--------------|-----|-----|-----|-----|
| —            | —   | —   | —   |     |
| —            | 南南東 | SSE | 0.7 |     |
| < 0.001μSv/h | 南南東 | SSE | 2.0 |     |
| —            | —   | —   | —   |     |
| —            | —   | —   | —   |     |
| < 0.001μSv/h | 南西  | SW  | 1.3 |     |
| —            | —   | —   | —   |     |
| —            | 南南東 | SSE | 0.8 |     |
| < 0.001μSv/h | 南南東 | SSE | 1.6 |     |
| —            | —   | —   | —   |     |
| —            | 西北西 |     | 2.3 | WNW |
| < 0.001μSv/h | 南南東 |     | 1.6 | SSE |
| —            | —   | —   | —   |     |
| —            | 西北西 | WNW | 1.1 |     |
| < 0.001μSv/h | 北西  | NW  | 2.0 |     |
| —            | —   | —   | —   |     |
| —            | 東北東 | ENE | 2.1 |     |
| < 0.001μSv/h | 西北西 | WNW | 1.5 |     |
| —            | —   | —   | —   |     |
| —            | 東北東 | ENE | 1.1 |     |
| < 0.001μSv/h | 南東  | SE  | 2.3 |     |
| —            | —   | —   | —   |     |
| —            | 南南東 | SSE | 0.7 |     |
| < 0.001μSv/h | 南東  | SE  | 2.2 |     |
| —            | —   | —   | —   |     |
| —            | 南   | S   | 0.7 |     |
| < 0.001μSv/h | 南   | S   | 1.8 |     |
| —            | —   | —   | —   |     |
| —            | 南   | S   | 0.4 |     |
| < 0.001μSv/h | 南   | S   | 1.8 |     |
| —            | —   | —   | —   |     |
| —            | 南南東 | SSE | 0.4 |     |
| < 0.001μSv/h | 南東  | SE  | 1.1 |     |
| —            | —   | —   | —   |     |
| —            | 南南東 | SSE | 0.5 |     |
| < 0.001μSv/h | 南   | S   | 1.0 |     |
| —            | —   | —   | —   |     |
| —            | 南南西 | SSW | 0.4 |     |
| < 0.001μSv/h | 南   | S   | 1.0 |     |
| —            | —   | —   | —   |     |
| —            | 南東  | SE  | 0.5 |     |
| < 0.001μSv/h | 南南西 | SSW | 1.5 |     |
| —            | —   | —   | —   |     |
| —            | 南西  | SW  | 0.4 |     |
| < 0.001μSv/h | 南   | S   | 1.8 |     |
| —            | —   | —   | —   |     |
| —            | 南西  | SW  | 0.4 |     |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 南南東 | SSE | 0.6 |
| —            | —   |     | —   |
| —            | 西南西 | WSW | 0.5 |
| < 0.001μSv/h | 北北西 | NNW | 0.5 |
| —            | —   |     | —   |
| —            | 南東  | SE  | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.6 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.5 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 北西  | NW  | 0.6 |
| —            | —   |     | —   |
| —            | 北西  |     | 0.6 |
| < 0.001μSv/h | 北西  | NW  | 0.8 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.6 |
| < 0.001μSv/h | 北西  | NW  | 0.9 |
| —            | —   |     | —   |
| —            | 北北東 | NNE | 0.3 |
| < 0.001μSv/h | 北西  | NW  | 1.1 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 北西  | NW  | 1.3 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.3 |
| < 0.001μSv/h | 北北西 | NNW | 1.2 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.6 |
| 0.001μSv/h未滿 | 北西  | NW  | 1.0 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.5 |
| < 0.001μSv/h | 西   | W   | 0.8 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 北西  | NW  | 0.8 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.4 |
| < 0.001μSv/h | 南西  | SW  | 0.8 |
| —            | —   |     | —   |
| —            | 西北西 | WNW | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.6 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |

NW |

|              |     |     |     |
|--------------|-----|-----|-----|
| —            | 北北西 | NNW | 0.5 |
| < 0.001μSv/h | 北西  | NW  | 0.6 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.5 |
| < 0.001μSv/h | 南西  | SW  | 0.3 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.6 |
| < 0.001μSv/h | 北西  | NW  | 0.2 |
| —            | —   |     | —   |
| —            | 北北東 | NNE | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| —            | 西北西 | WNW | 0.4 |
| < 0.001μSv/h | 西北西 | WNW | 0.7 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.4 |
| < 0.001μSv/h | 西北西 | WMW | 0.6 |
| —            | —   |     | —   |
| —            | 北北東 | NNE | 0.3 |
| < 0.001μSv/h | 北西  | NW  | 0.8 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.4 |
| < 0.001μSv/h | 北   | N   | 0.5 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.4 |
| < 0.001μSv/h | 北   | N   | 0.5 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 南   | S   | 0.3 |
| —            | —   |     | —   |
| —            | 北西  | NW  | 0.4 |
| < 0.001μSv/h | 北西  | NW  | 0.3 |
| —            | —   |     | —   |
| —            | 北   | N   | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.3 |
| —            | —   |     | —   |
| —            | 北北東 | NNE | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   |     | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.3 |
| —            | —   |     | —   |
| —            | 北北西 | NNE | 0.5 |
| < 0.001μSv/h | 西北西 | WNW | 0.4 |

around MP-2

around MP-2

WNW

NNW



|              |     |     |     |
|--------------|-----|-----|-----|
| —            | —   | —   | —   |
| —            | 東南東 | ESE | 0.3 |
| < 0.001μSv/h | 北東  | NE  | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.5 |
| < 0.001μSv/h | 北   | N   | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.7 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.3 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 西南西 | WSW | 0.6 |
| —            | —   | —   | —   |
| —            | 東北東 | ENE | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 西   | E   | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.4 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.5 |
| 0.001μSv/h未滿 | 南   | S   | 0.5 |
| —            | —   | —   | —   |
| —            | 南西  | SW  | 0.3 |
| < 0.001μSv/h | 南   | S   | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 北西  | NW  | 0.4 |
| —            | —   | —   | —   |
| —            | 北北東 | NNE | 0.3 |
| < 0.001μSv/h | 南   | S   | 0.3 |
| —            | —   | —   | —   |
| —            | 南東  | SE  | 0.3 |
| < 0.001μSv/h | 西北西 | WNW | 0.6 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 西北西 | WNW | 0.6 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.6 |
| < 0.001μSv/h | 西北西 | WNW | 0.7 |
| —            | —   | —   | —   |
| —            | 北北東 | NNE | 0.5 |
| < 0.001μSv/h | 南東  | SE  | 0.7 |
| —            | —   | —   | —   |
| —            | 東   | E   | 0.4 |
| < 0.001μSv/h | 北東  | NE  | 0.7 |
| —            | —   | —   | —   |
| —            | 東南東 | ESE | 0.4 |
| < 0.001μSv/h | 北西  | NE  | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 南   | S   | 0.4 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 南西  | SW  | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 東北東 | ENE | 0.7 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.2 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.4 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 0.3 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | —   | —   | —   |
| —            | 北北東 | NNE | 0.4 |
| < 0.001μSv/h | 南東  | SE  | 0.4 |
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 0.3 |
| < 0.001μSv/h | 南   | S   | 0.4 |
| —            | —   | —   | —   |

NW

|              |     |     |     |
|--------------|-----|-----|-----|
| —            | 西   | W   | 0.5 |
| < 0.001μSv/h | 南   | S   | 0.2 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 北   | N   | 0.3 |
| —            | —   | —   | —   |
| —            | 北北東 | NNE | 0.4 |
| < 0.001μSv/h | 西北西 | WNW | 0.6 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.5 |
| < 0.001μSv/h | 北   | N   | 0.9 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.5 |
| < 0.001μSv/h | 東南東 | ESE | 0.6 |
| —            | —   | —   | —   |
| —            | —   | —   | —   |
| < 0.001μSv/h | 北北西 | NNW | 0.7 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.4 |
| < 0.001μSv/h | 北   | N   | 0.8 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.6 |
| < 0.001μSv/h | 南西  | SW  | 0.5 |
| —            | —   | —   | —   |
| —            | 北北西 | NNW | 0.5 |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| —            | 北西  | NW  | 0.3 |
| < 0.001μSv/h | 南東  | SE  | 0.5 |
| —            | —   | —   | —   |
| —            | 東北東 | ENE | 0.3 |
| < 0.001μSv/h | 西北西 | WNW | 0.4 |
| —            | 西南西 | WSW | 0.4 |
| —            | —   | —   | —   |
| < 0.001μSv/h | 西   | W   | 0.4 |
| —            | —   | —   | —   |
| —            | 西北西 | WNW | 0.5 |
| < 0.001μSv/h | 北西  | NW  | 0.3 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.5 |
| < 0.001μSv/h | 西北西 | WNW | 0.5 |
| —            | —   | —   | —   |
| —            | 北   | N   | 0.6 |
| < 0.001μSv/h | 西   | W   | 0.5 |
| —            | 北北西 | NNW | 0.3 |
| < 0.001μSv/h | 南西  | SW  | 0.4 |
| —            | 西南西 | WSW | 0.6 |

around MP-4  
Front Gate  
around MP-2

|              |     |     |     |     |
|--------------|-----|-----|-----|-----|
| < 0.001μSv/h | 北西  | NW  | 0.4 |     |
| —            | 西   | W   | 0.5 |     |
| —            | 西北西 | WNW | 1.3 |     |
| —            | 西北西 | WNW | 1.0 |     |
| —            | 西   | W   | 1.3 |     |
| —            | 西   | W   | 0.8 |     |
| —            | 西   | W   | 0.7 |     |
| —            | 西   | W   | 0.8 |     |
| 0μSv/h       | 南南西 | SSE | 0.8 | SSW |
| 0μSv/h       | 南南西 | SSE | 1.2 | SSW |
| 0μSv/h       | 西北西 | WNW | 1.1 |     |
| 0μSv/h       | 南東  | SE  | 1.1 |     |
| 0μSv/h       | 南   | S   | 0.8 |     |
| —            | 南南西 | SSW | 0.5 |     |
| 0μSv/h       | 南   | S   | 1.0 |     |
| 0μSv/h       | 南   | S   | 1.0 |     |
| —            | 南西  | SW  | 0.8 |     |
| 0μSv/h       | 南南西 | SSW | 1.2 |     |
| —            | 西北西 | WSW | 1.1 |     |
| 0μSv/h       | 南西  | SW  | 1.3 |     |
| —            | 北西  | NW  | 1.8 |     |
| 0μSv/h       | 南西  | SW  | 1.3 |     |
| —            | 北北西 | NNW | 2.1 |     |
| 0μSv/h       | 南西  | SW  | 1.2 |     |
| —            | 北西  | NW  | 2.5 |     |
| 0μSv/h       | 西   | W   | 1.2 |     |
| —            | 北西  | NW  | 3.7 |     |
| 0μSv/h       | 西   | W   | 1.1 |     |
| —            | 北西  | NW  | 3.0 |     |
| 0μSv/h       | 南南西 | SSW | 0.8 |     |
| —            | 北北西 | NNW | 2.9 |     |
| 0μSv/h       | —   |     | —   |     |
| 0μSv/h       | —   |     | —   |     |
| 0μSv/h       | 北北東 | NNE | 1.9 |     |
| 0μSv/h       | 西北西 | WNW | 0.9 |     |
| 0μSv/h       | 北西  | NW  | 3.1 |     |
| 0μSv/h       | 北   |     | 2.3 | N   |
| 0μSv/h       | 西南西 | WSW | 3.2 |     |
| 0μSv/h       | 南東  | SE  | 3.1 |     |
| —            | —   |     | —   |     |
| 0μSv/h       | 南西  | SW  | 2.4 |     |
| —            | —   |     | —   |     |
| —            | —   |     | —   |     |
| —            | —   |     | —   |     |
| 0μSv/h       | 北   | N   | 2.7 |     |
| —            | —   |     | —   |     |
| —            | —   |     | —   |     |

|              |     |     |     |
|--------------|-----|-----|-----|
| —            | —   | —   | —   |
| 0μSv/h       | 北北西 | NNW | 1.0 |
| —            | —   | —   | —   |
| —            | —   | —   | —   |
| —            | —   | —   | —   |
| 0μSv/h       | 北   | N   | 2.3 |
| 0μSv/h       | 北西  | NW  | 2.6 |
| 0μSv/h       | 北西  | NW  | 2.6 |
| 0μSv/h       | 北   | N   | 2.2 |
| 0μSv/h       | 北   | N   | 3.6 |
| 0μSv/h       | 北   | N   | 2.2 |
| 0μSv/h       | 北北東 | NNE | 2.6 |
| 0μSv/h       | 西北西 | WNW | 3.2 |
| 0μSv/h       | 北北西 | NNW | 3.8 |
| 0μSv/h       | 西北西 | WNW | 3.6 |
| 0μSv/h       | 西北西 | WNW | 3.2 |
| 0μSv/h       | 北北東 | NNE | 2.1 |
| 0μSv/h       | 西北西 | WNW | 2.5 |
| 0μSv/h       | 北西  | NW  | 3.1 |
| < 0.001μSv/h | 西北西 | WNW | 2.7 |
| < 0.001μSv/h | 西   | W   | 2.8 |
| < 0.001μSv/h | 南西  | SW  | 1.7 |
| < 0.001μSv/h | 西   | W   | 1.9 |
| < 0.001μSv/h | 西   | W   | 1.2 |
| < 0.001μSv/h | 南   | S   | 1.3 |
| < 0.001μSv/h | 北西  | NW  | 1.1 |
| < 0.001μSv/h | 南南東 | SSE | 1.2 |
| < 0.001μSv/h | 東   | E   | 0.8 |
| < 0.001μSv/h | 南   | S   | 1.3 |
| < 0.001μSv/h | 南東  | SE  | 0.7 |
| < 0.001μSv/h | 南東  | SE  | 0.8 |
| < 0.001μSv/h | 南   | S   | 0.6 |
| < 0.001μSv/h | 北   | N   | 0.6 |
| < 0.001μSv/h | 西   | W   | 0.7 |
| < 0.001μSv/h | 東   | E   | 0.8 |
| < 0.001μSv/h | 北   | N   | 0.7 |
| < 0.001μSv/h | 北西  | NW  | 0.8 |
| < 0.001μSv/h | 西北西 | WNW | 1.0 |
| < 0.001μSv/h | 北西  | NW  | —   |
| < 0.001μSv/h | 西北西 | WNW | —   |
| < 0.001μSv/h | 西   | W   | 0.9 |
| < 0.001μSv/h | 北東  | NE  | 0.9 |
| < 0.001μSv/h | 北   | N   | 0.9 |
| < 0.001μSv/h | 南西  | SW  | 1.0 |
| < 0.001μSv/h | 南西  | SW  | 1.0 |
| < 0.001μSv/h | 北   | N   | 0.9 |
| < 0.001μSv/h | 北西  | NW  | 0.7 |

around MP-5  
around MP-6

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.001μSv/h | 南西  | SW  | 0.9 |
| < 0.001μSv/h | 南東  | SE  | 1.0 |
| < 0.001μSv/h | 南東  | SE  | 1.6 |
| < 0.001μSv/h | 南   | S   | 1.7 |
| < 0.001μSv/h | 北   | N   | 1.2 |
| < 0.001μSv/h | 北   | N   | 1.2 |
| < 0.001μSv/h | 南西  | SW  | 4.6 |
| < 0.001μSv/h | 北東  | NE  | 4.2 |
| —            | 北北東 | NNE | 4.4 |
| —            | 北北東 | NNE | 4.4 |
| —            | 北北東 | NNE | 4.4 |
| —            | 北北東 | NNE | 4.4 |
| —            | 北北東 | NNE | 4.8 |
| —            | 北東  | NE  | 2.2 |
| —            | 北東  | NE  | 2.1 |
| —            | 北   | N   | 2.2 |
| —            | 北   | N   | 2.2 |
| —            | 北北西 | NNW | 1.8 |
| —            | 北北西 | NNW | 1.8 |
| —            | 北北東 | NNE | 1.8 |
| —            | 北北西 | NNW | 1.1 |
| —            | 北西  | NW  | 1.0 |
| —            | 西北西 | WNW | 0.9 |
| —            | 西   | W   | 0.8 |
| —            | 西北西 | WNW | 0.7 |
| —            | 西北西 | WNW | 0.7 |
| —            | 北北東 | NNE | 0.6 |
| —            | 北東  | NE  | 0.6 |
| —            | 北東  | NE  | 0.5 |
| —            | 北   | N   | 0.5 |
| —            | 北   | N   | 0.6 |
| —            | 北   | N   | 0.7 |
| —            | 北北東 | NNE | 0.8 |
| —            | 東北東 | ENE | 0.8 |
| —            | 北   | N   | 0.6 |
| —            | 北西  | NW  | 0.5 |
| —            | 北北西 | NNW | 0.5 |
| —            | 北北東 | NNE | 0.7 |
| < 0.01μSv/h  | 北北西 | NNW | 1.3 |
| 0.02μSv/h    | 北北東 | NNE | 1.1 |
| 0.01μSv/h    | 北   | N   | 1.0 |
| < 0.01μSv/h  | 北東  | NE  | 2.8 |
| < 0.01μSv/h  | 北北東 | NNE | 3.4 |
| < 0.01μSv/h  | 北北東 | NNE | 3.2 |
| < 0.01μSv/h  | 北   | N   | 3.6 |
| < 0.01μSv/h  | 北東  | NE  | 3.6 |
| < 0.01μSv/h  | 北北東 | NNE | 3.4 |

|             |     |     |     |
|-------------|-----|-----|-----|
| < 0.01μSv/h | 北   | N   | 3.4 |
| < 0.01μSv/h | 北東  | NE  | 4.2 |
| < 0.01μSv/h | 北北西 | NNW | 2.0 |
| < 0.01μSv/h | 北   | N   | 2.1 |
| < 0.01μSv/h | 北東  | NE  | 1.0 |
| < 0.01μSv/h | 北   | N   | 0.8 |
| < 0.01μSv/h | 北東  | NE  | 0.9 |
| < 0.01μSv/h | 北北西 | NNW | 0.7 |
| < 0.01μSv/h | 北   | N   | 0.7 |
| < 0.01μSv/h | 北   | N   | 0.8 |
| < 0.01μSv/h | 北東  | NE  | 1.5 |
| < 0.01μSv/h | 北東  | NE  | 1.5 |
| < 0.01μSv/h | 北   | N   | 1.6 |
| < 0.01μSv/h | 北   | N   | 1.8 |
| < 0.01μSv/h | 北北東 | NNE | 1.5 |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | 北東  | NE  | 5.3 |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | 南東  | SE  | 1.2 |
| < 0.01μSv/h | 東   | E   | 1.3 |
| < 0.01μSv/h | 東南東 | ESE | 3.4 |
| < 0.01μSv/h | 南東  | SE  | 1.3 |
| < 0.01μSv/h | 南   | S   | 1.4 |
| < 0.01μSv/h | 南   | S   | 1.8 |
| < 0.01μSv/h | 南   | S   | 1.3 |
| < 0.01μSv/h | 南   | S   | 1.3 |
| < 0.01μSv/h | 南南東 | SSE | 1.4 |
| < 0.01μSv/h | 南   | S   | 1.0 |
| < 0.01μSv/h | 南南東 | SSE | 1.5 |
| < 0.01μSv/h | 南   | S   | 1.9 |
| < 0.01μSv/h | 南   | S   | 1.6 |
| < 0.01μSv/h | 南   | S   | 1.5 |
| < 0.01μSv/h | 東南東 | ESE | 1.4 |
| < 0.01μSv/h | 南   | S   | 1.2 |
| < 0.01μSv/h | 南南東 | SSE | 1.2 |
| < 0.01μSv/h | 東   | E   | 1.2 |
| < 0.01μSv/h | 南東  | SE  | 1.2 |
| < 0.01μSv/h | 南   | S   | 1.0 |
| < 0.01μSv/h | 南東  | SE  | 1.1 |
| < 0.01μSv/h | 南   | S   | 1.1 |
| < 0.01μSv/h | 南東  | SE  | 1.1 |
| < 0.01μSv/h | 南南東 | SSE | 1.3 |
| < 0.01μSv/h | 南   | S   | 1.0 |
| < 0.01μSv/h | 南南東 |     | 1.4 |

SSE



|             |     |     |     |
|-------------|-----|-----|-----|
| < 0.01μSv/h | 南   | S   | 1.1 |
| < 0.01μSv/h | 南南東 | SSE | 1.1 |
| < 0.01μSv/h | 南南東 | SSE | 1.3 |
| < 0.01μSv/h | 南   | S   | 1.3 |
| < 0.01μSv/h | 南   | S   | 1.6 |
| < 0.01μSv/h | 南東  | SE  | 1.5 |
| < 0.01μSv/h | 南   | S   | 1.1 |
| < 0.01μSv/h | 南東  | SE  | 1.2 |
| < 0.01μSv/h | 南   | S   | 1.1 |
| < 0.01μSv/h | 南   | S   | 1.0 |
| < 0.01μSv/h | 南   | S   | 1.1 |
| < 0.01μSv/h | 南   | S   | 1.0 |
| < 0.01μSv/h | 南南東 | SSE | 1.3 |
| < 0.01μSv/h | 東   | S   | 1.4 |
| < 0.01μSv/h | 南南東 | SSE | 1.8 |
| < 0.01μSv/h | 南東  | SE  | 1.6 |
| < 0.01μSv/h | 南東  | SE  | 1.6 |
| < 0.01μSv/h | 西   | W   | 0.7 |
| < 0.01μSv/h | 北   | N   | 0.7 |
| < 0.01μSv/h | 南   | S   | 0.9 |
| < 0.01μSv/h | 東   | E   | 0.9 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 3.7 |
| < 0.01μSv/h | 東   | E   | 5.6 |
| < 0.01μSv/h | 北北東 | NNE | 4.0 |
| < 0.01μSv/h | 北北東 | NNE | 4.0 |
| < 0.01μSv/h | 東   | E   | 2.2 |
| < 0.01μSv/h | 北東  | NE  | 1.7 |
| < 0.01μSv/h | 北北東 | NNE | 2.5 |
| < 0.01μSv/h | 北西  | NW  | 2.1 |
| < 0.01μSv/h | 北   | N   | 2.4 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 0.6 |
| < 0.01μSv/h | 北西  | NW  | 0.6 |
| < 0.01μSv/h | 北東  | NE  | 3.8 |
| < 0.01μSv/h | 北   | N   | 1.1 |
| < 0.01μSv/h | 北西  | NW  | 2.2 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 0.9 |
| < 0.01μSv/h | 北北西 | NNE | 0.9 |
| < 0.01μSv/h | 北西  | NW  | 1.1 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 1.0 |
| < 0.01μSv/h | 北西  | NW  | 5.0 |
| < 0.01μSv/h | 北   | N   | 4.2 |

NNW |

|             |     |     |     |
|-------------|-----|-----|-----|
| < 0.01μSv/h | 北北西 | NNW | 3.1 |
| < 0.01μSv/h | 北西  | NW  | 2.9 |
| < 0.01μSv/h | 北北西 | NNW | 2.6 |
| < 0.01μSv/h | 北西  | NW  | 2.0 |
| < 0.01μSv/h | 西   | W   | 1.4 |
| < 0.01μSv/h | 西北西 | WNW | 1.4 |
| < 0.01μSv/h | 西北西 | WNW | 1.4 |
| < 0.01μSv/h | 北西  | NW  | 1.4 |
| < 0.01μSv/h | 北西  | NW  | 1.4 |
| < 0.01μSv/h | 北西  | NW  | 1.2 |
| < 0.01μSv/h | 北西  | NW  | 1.3 |
| < 0.01μSv/h | 西   | W   | 1.2 |
| < 0.01μSv/h | 西   | W   | 1.2 |
| < 0.01μSv/h | 北北西 | NNW | 1.2 |
| < 0.01μSv/h | 西北西 | WNW | 1.3 |
| < 0.01μSv/h | 北北西 | NNW | 1.4 |
| < 0.01μSv/h | 北北西 | NNW | 1.4 |
| < 0.01μSv/h | 北   | N   | 1.7 |
| < 0.01μSv/h | 北北西 | NNW | 2.2 |
| < 0.01μSv/h | 北西  | NW  | 1.7 |
| < 0.01μSv/h | 北   | N   | 2.3 |
| < 0.01μSv/h | 北西  | NW  | 1.8 |
| < 0.01μSv/h | 北西  | NW  | 1.9 |
| < 0.01μSv/h | 西   | W   | 1.6 |
| < 0.01μSv/h | 北北西 | NNW | 1.5 |
| < 0.01μSv/h | 東北東 | ENE | 1.8 |
| < 0.01μSv/h | 北東  | NE  | 1.5 |
| < 0.01μSv/h | 東北東 | ENE | 1.4 |
| < 0.01μSv/h | 東   | E   |     |
| < 0.01μSv/h | 東北東 | ENE | 4.9 |
| < 0.01μSv/h | 北東  | NE  | —   |
| < 0.01μSv/h | —   |     | —   |
| < 0.01μSv/h | 北東  | NE  | 2.0 |
| < 0.01μSv/h | 北北東 | NNE | 1.9 |
| < 0.01μSv/h | 東北東 | ENE | 2.3 |
| < 0.01μSv/h | 北東  | NE  | 1.6 |
| < 0.01μSv/h | 東   | E   | 1.8 |
| < 0.01μSv/h | 北   | N   | 1.8 |
| < 0.01μSv/h | 東南東 | ESE | 1.6 |
| < 0.01μSv/h | 東   | E   | 0.9 |
| < 0.01μSv/h | 北   | N   | 1.8 |
| < 0.01μSv/h | 東北東 | ENE | 1.4 |
| < 0.01μSv/h | 西   | W   | 1.4 |
| < 0.01μSv/h | 北西  | NW  | 4.1 |
| < 0.01μSv/h | 西南西 | WSW | 3.0 |
| < 0.01μSv/h | 西南西 | WSW | 1.0 |
| < 0.01μSv/h | 西南西 | WSW | 1.2 |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.01μSv/h  | 北   | N   | 2.4 |
| < 0.01μSv/h  | 北西  | NW  | 2.7 |
| < 0.01μSv/h  | 北西  | NW  | 2.1 |
| < 0.01μSv/h  | 東北東 | ENE | 1.7 |
| < 0.01μSv/h  | 南南西 | SSW | 1.9 |
| < 0.01μSv/h  | 南南東 | SSE | 2.3 |
| < 0.01μSv/h  | 西   | W   | 2.1 |
| < 0.01μSv/h  | 西北西 | WNW | 2.1 |
| < 0.01μSv/h  | 西南西 | WSW | 3.1 |
| < 0.01μSv/h  | 北西  | NW  | 2.3 |
| < 0.01μSv/h  | 北西  | NW  | 3.4 |
| < 0.01μSv/h  | 北北西 | NNW | 3.0 |
| < 0.01μSv/h  | 北   | N   | 2.7 |
| < 0.01μSv/h  | 北北西 | NNW | 2.6 |
| < 0.01 μSv/h | 西   | W   | 2.6 |
| < 0.01 μSv/h | 北東  | NE  | 1.1 |
| < 0.01 μSv/h | 南南西 | SSW | 0.4 |
| < 0.01 μSv/h | 北北西 | NNW | 0.6 |
| < 0.01 μSv/h | 東   | E   | 0.9 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 北西  | NW  | 1.5 |
| < 0.01 μSv/h | 北   | N   | 1.5 |
| < 0.01 μSv/h | 西   | W   | 1.8 |
| < 0.01 μSv/h | 西   | W   | 1.8 |
| < 0.01 μSv/h | 北西  | NW  | 1.0 |
| < 0.01 μSv/h | 西   | W   | 1.3 |
| < 0.01 μSv/h | 西   | W   | 2.3 |
| < 0.01 μSv/h | 西   | W   | 3.1 |
| < 0.01 μSv/h | 西   | W   | 3.6 |
| < 0.01 μSv/h | 西   | W   | 3.7 |
| < 0.01 μSv/h | 西   | W   | 3.8 |
| < 0.01 μSv/h | 西   | W   | 3.7 |
| < 0.01 μSv/h | 南西  | SW  | 3.7 |
| < 0.01 μSv/h | 西南西 | WSW | 3.2 |
| < 0.01 μSv/h | 南西  | SW  | 3.8 |
| < 0.01 μSv/h | 南西  | SW  | 3.4 |
| < 0.01 μSv/h | 南西  | SW  | 3.7 |
| < 0.01 μSv/h | 南西  | SW  | 3.0 |
| < 0.01 μSv/h | 西   | W   | 5.1 |
| < 0.01 μSv/h | 西南西 | WSW | 5.0 |
| < 0.01 μSv/h | 西   | W   | 6.8 |
| < 0.01 μSv/h | 北西  | NW  | 5.2 |
| < 0.01 μSv/h | 北西  | NW  | 5.6 |
| < 0.01 μSv/h | 西   | W   | 5.2 |
| < 0.01 μSv/h | 西   | W   | 7.0 |
| < 0.01 μSv/h | 西南西 | WSW | 4.5 |
| < 0.01 μSv/h | 南西  | SW  | 2.2 |
| < 0.01 μSv/h | 北西  | NW  | 4.8 |

WSW

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 5.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 3.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.3 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.8 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSE | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WSW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | S   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.5 |



|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | NNE | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 4.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 6.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 5.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 5.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 6.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 5.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 4.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.6 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 4.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 3.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 4.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 4.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 6.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 5.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 4.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 3.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |

|                         |     |     |     |    |
|-------------------------|-----|-----|-----|----|
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.0 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.4 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.4 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.4 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.9 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 4.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 3.7 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 3.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 3.0 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 3.4 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 3.2 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.0 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 2.9 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 2.1 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | NE  | 2.5 | W  |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | W   | 1.8 | SW |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.1 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.3 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.1 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 1.0 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.1 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 1.9 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.1 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.0 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.5 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.7 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.2 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.6 |    |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.7 |    |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.9 |    |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.8 |    |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.6 |    |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 東   | ENE | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.3 |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.01 μSv/h | 南   | S   | 2.1 |
| < 0.01 μSv/h | 南南東 | SSE | 2.0 |
| < 0.01 μSv/h | 南   | S   | 1.9 |
| < 0.01 μSv/h | 南   | S   | 1.9 |
| < 0.01 μSv/h | 南   | S   | 1.7 |
| < 0.01 μSv/h | 南   | S   | 1.9 |
| < 0.01 μSv/h | 南南東 | SSE | 2.1 |
| < 0.01 μSv/h | 南   | S   | 1.8 |
| < 0.01 μSv/h | 南   | S   | 2.0 |
| < 0.01 μSv/h | 南   | S   | 1.9 |
| < 0.01 μSv/h | 南南西 | SSW | 2.2 |
| < 0.01 μSv/h | 南   | S   | 2.0 |
| < 0.01 μSv/h | 南南西 | SSW | 2.1 |
| < 0.01 μSv/h | 南   | S   | 2.1 |
| < 0.01 μSv/h | 南西  | SW  | 1.8 |
| < 0.01 μSv/h | 南南西 | SSW | 2.0 |
| < 0.01 μSv/h | 南東  | SE  | 1.7 |
| < 0.01 μSv/h | 南南西 | SSW | 2.1 |
| < 0.01 μSv/h | 南西  | SW  | 1.7 |
| < 0.01 μSv/h | 南南西 | SSW | 1.6 |
| < 0.01 μSv/h | 南   | S   | 2.6 |
| < 0.01 μSv/h | 南   | S   | 2.6 |
| < 0.01 μSv/h | 南西  | SW  | 2.4 |
| < 0.01 μSv/h | 西南西 | WSW | 1.8 |
| < 0.01 μSv/h | 北北東 | NNE | 1.0 |
| < 0.01 μSv/h | 西   | W   | 1.4 |
| < 0.01 μSv/h | 西南西 | WSW | 1.0 |
| < 0.01 μSv/h | 南西  | SW  | 2.0 |
| < 0.01 μSv/h | 南西  | SW  | 1.8 |
| < 0.01 μSv/h | 北北西 | NNW | 0.8 |
| < 0.01 μSv/h | 北東  | NE  | 1.2 |
| < 0.01 μSv/h | 西   | W   | 1.2 |
| < 0.01 μSv/h | 北東  | NE  | 1.4 |
| < 0.01 μSv/h | 北西  | NW  | 1.0 |
| < 0.01 μSv/h | 西   | W   | 1.6 |
| < 0.01 μSv/h | 西北西 | WNW | 1.2 |
| < 0.01 μSv/h | 北西  | NW  | 1.0 |
| < 0.01 μSv/h | 西北西 | WNW | 2.0 |
| < 0.01 μSv/h | 西   | W   | 2.2 |
| < 0.01 μSv/h | 西北西 | WNW | 2.4 |
| < 0.01 μSv/h | 西   | W   | 2.4 |
| < 0.01 μSv/h | 西   | W   | 2.0 |
| < 0.01 μSv/h | 西北西 | WNW | 2.0 |
| < 0.01 μSv/h | 西北西 | WNW | 2.2 |
| < 0.01 μSv/h | 北西  | NW  | 1.6 |
| < 0.01 μSv/h | 北西  | NW  | 2.2 |
| < 0.01 μSv/h | 西北西 | WNW | 2.6 |
| < 0.01 μSv/h | 北西  | NW  | 3.2 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.4 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 4.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 5.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 4.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | NW  | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 4.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 4.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.3 |

WNW |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 3.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 5.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 6.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 5.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 6.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 4.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 5.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 5.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 4.8 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 4.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東北東 | ENE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.2 |



|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.01 μSv/h | 西   | W   | 0.3 |
| < 0.01 μSv/h | 西北西 | WNW | 0.4 |
| < 0.01 μSv/h | 北西  | NW  | 0.5 |
| < 0.01 μSv/h | 西南西 | WNW | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.7 |
| < 0.01 μSv/h | 南東  | SE  | 0.4 |
| < 0.01 μSv/h | 南西  | SW  | 0.4 |
| < 0.01 μSv/h | 西南西 | WSW | 0.4 |
| < 0.01 μSv/h | 西南西 | WSW | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.3 |
| < 0.01 μSv/h | 西南西 | WSW | 0.4 |
| < 0.01 μSv/h | 西北西 | WNW | 0.6 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.7 |
| < 0.01 μSv/h | 西北西 | WNW | 0.8 |
| < 0.01 μSv/h | 西北西 | WNW | 1.0 |
| < 0.01 μSv/h | 西   | W   | 1.1 |
| < 0.01 μSv/h | 西   | W   | 1.3 |
| < 0.01 μSv/h | 西   | W   | 1.1 |
| < 0.01 μSv/h | 西北西 | WNW | 0.8 |
| < 0.01 μSv/h | 西北西 | WNW | 1.0 |
| < 0.01 μSv/h | 北北西 | NNW | 1.0 |
| < 0.01 μSv/h | 北西  | NW  | 0.9 |
| < 0.01 μSv/h | 西北西 | WNW | 1.0 |
| < 0.01 μSv/h | 北西  | NW  | 0.9 |
| < 0.01 μSv/h | 西北西 | WNW | 0.9 |
| < 0.01 μSv/h | 西北西 | WNW | 0.8 |
| < 0.01 μSv/h | 西北西 | WNW | 0.8 |
| < 0.01 μSv/h | 西北西 | WNW | 0.8 |
| < 0.01 μSv/h | 西   | W   | 0.6 |
| < 0.01 μSv/h | 北西  | NW  | 0.5 |
| < 0.01 μSv/h | 北北西 | NNW | 0.4 |
| < 0.01 μSv/h | 北   | N   | 2.1 |
| < 0.01 μSv/h | 北西  | NW  | 1.1 |
| < 0.01 μSv/h | 北西  | NW  | 2.0 |
| < 0.01 μSv/h | 北西  | NW  | 1.8 |
| < 0.01 μSv/h | 西   | W   | 1.6 |
| < 0.01 μSv/h | 北西  | NW  | 1.9 |
| < 0.01 μSv/h | 西   | W   | 1.7 |
| < 0.01 μSv/h | 西   | W   | 1.6 |
| < 0.01 μSv/h | 北   | N   | 1.3 |
| < 0.01 μSv/h | 北西  | NW  | 1.3 |
| < 0.01 μSv/h | 西   | W   | 1.5 |
| < 0.01 μSv/h | 西北西 | WNW | 1.8 |
| < 0.01 μSv/h | 西北西 | WNW | 2.3 |
| < 0.01 μSv/h | 北西  | NW  | 2.3 |
| < 0.01 μSv/h | 西北西 | WNW | 1.8 |

WSW

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | NW  | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.2 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.1 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |

SE  
SE

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 4.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 5.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 6.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 6.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 4.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.2 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 4.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 3.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 2.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 3.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 3.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 2.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 2.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北北東 | NNE | 2.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 2.0 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北東  | NE  | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 東   | E   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.9 |

|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.01 μSv/h | 南東  | SE  | 1.3 |
| < 0.01 μSv/h | 南南西 | SSW | 1.0 |
| < 0.01 μSv/h | 南南東 | SSE | 0.8 |
| < 0.01 μSv/h | 南西  | SW  | 0.9 |
| < 0.01 μSv/h | 北   | N   | 0.5 |
| < 0.01 μSv/h | 東   | E   | 0.6 |
| < 0.01 μSv/h | 北北西 | NNW | 2.1 |
| < 0.01 μSv/h | 北西  | NW  | 2.2 |
| < 0.01 μSv/h | 西   | W   | 2.7 |
| < 0.01 μSv/h | 西北西 | WNW | 2.0 |
| < 0.01 μSv/h | 北西  | NW  | 1.5 |
| < 0.01 μSv/h | 北北西 | NNW | 0.9 |
| < 0.01 μSv/h | 北   | N   | 2.3 |
| < 0.01 μSv/h | 北西  | NW  | 2.1 |
| < 0.01 μSv/h | 北北西 | NNW | 2.3 |
| < 0.01 μSv/h | 北東  | NE  | 1.7 |
| < 0.01 μSv/h | 北   | N   | 1.2 |
| < 0.01 μSv/h | 北   | N   | 1.4 |
| < 0.01 μSv/h | 北   | N   | 0.8 |
| < 0.01 μSv/h | 北北東 | NNE | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.4 |
| < 0.01 μSv/h | 西南西 | WSW | 0.8 |
| < 0.01 μSv/h | 北北東 | NNE | 0.2 |
| < 0.01 μSv/h | 東   | E   | 0.2 |
| < 0.01 μSv/h | 南西  | SW  | 0.3 |
| < 0.01 μSv/h | 南西  | SW  | 0.3 |
| < 0.01 μSv/h | 東   | E   | 0.5 |
| < 0.01 μSv/h | 東   | E   | 0.3 |
| < 0.01 μSv/h | 西南西 | WSW | 0.3 |
| < 0.01 μSv/h | 南東  | SE  | 0.5 |
| < 0.01 μSv/h | 南南東 | SSE | 0.3 |
| < 0.01 μSv/h | 南西  | SW  | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.4 |
| < 0.01 μSv/h | 西南西 | WSW | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.4 |
| < 0.01 μSv/h | 西   | W   | 0.3 |
| < 0.01 μSv/h | 西   | W   | 0.4 |
| < 0.01 μSv/h | 西北西 | WNW | 0.4 |
| < 0.01 μSv/h | 西北西 | WNW | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 北西  | NW  | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 西   | W   | 0.6 |
| < 0.01 μSv/h | 南西  | SW  | 0.5 |
| < 0.01 μSv/h | 南東  | SE  | 0.4 |
| < 0.01 μSv/h | 北西  | NW  | 0.3 |
| < 0.01 μSv/h | 南   | S   | 0.4 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.4 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.3 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.3 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.4 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.2 |

|                         |     |     |      |
|-------------------------|-----|-----|------|
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.2  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 1.8  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.2  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.3  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.2  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.6  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.4  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 22.4 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.8  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.8  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.5  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 2.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南南東 | SSE | 2.9  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.0  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 3.0  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 2.8  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.1  |
| < 0.01 $\mu\text{Sv/h}$ | 東南東 | ESE | 3.2  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 3.1  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.7  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 3.1  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 4.2  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 3.1  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 4.1  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 4.0  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 2.3  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 1.4  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 5.8  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 4.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 4.4  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 4.3  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 4.3  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.8  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 4.3  |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 4.5  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 4.0  |
| < 0.01 $\mu\text{Sv/h}$ | 南   | S   | 3.6  |

in front of Seismically Isolated BI  
in front of Seismically Isolated BI



|              |     |     |     |
|--------------|-----|-----|-----|
| < 0.01 μSv/h | 南   | S   | 4.3 |
| < 0.01 μSv/h | 南   | S   | 3.2 |
| < 0.01 μSv/h | 南東  | SE  | 2.5 |
| < 0.01 μSv/h | 南東  | SE  | 1.8 |
| < 0.01 μSv/h | 南   | S   | 1.7 |
| < 0.01 μSv/h | 南西  | SW  | 1.3 |
| < 0.01 μSv/h | 南   | S   | 1.3 |
| < 0.01 μSv/h | 南   | S   | 1.7 |
| < 0.01 μSv/h | 南   | S   | 1.4 |
| < 0.01 μSv/h | 南   | S   | 1.3 |
| < 0.01 μSv/h | 南南東 | SSE | 1.0 |
| < 0.01 μSv/h | 西   | W   | 0.5 |
| < 0.01 μSv/h | 西南西 | WSW | 0.6 |
| < 0.01 μSv/h | 西   | W   | 0.6 |
| < 0.01 μSv/h | 西   | W   | 0.8 |
| < 0.01 μSv/h | 西南西 | WSW | 1.0 |
| < 0.01 μSv/h | 西   | W   | 0.7 |
| < 0.01 μSv/h | 西北西 | WNW | 1.0 |
| < 0.01 μSv/h | 北西  | NW  | 1.3 |
| < 0.01 μSv/h | 西   | W   | 1.4 |
| < 0.01 μSv/h | 西   | W   | 1.4 |
| < 0.01 μSv/h | 北西  | NW  | 0.8 |
| < 0.01 μSv/h | 西北西 | WNW | 0.7 |
| < 0.01 μSv/h | 西北西 | WNW | 1.6 |
| < 0.01 μSv/h | 西   | W   | 0.9 |
| < 0.01 μSv/h | 西   | W   | 0.7 |
| < 0.01 μSv/h | 西北西 | WNW | 1.2 |
| < 0.01 μSv/h | 北西  | NW  | 1.2 |
| < 0.01 μSv/h | 北西  | NW  | 1.0 |
| < 0.01 μSv/h | 北北西 | NNW | 0.8 |
| < 0.01 μSv/h | 北西  | NW  | 0.4 |
| < 0.01 μSv/h | 北   | N   | 0.8 |
| < 0.01 μSv/h | 西   | W   | 0.6 |
| < 0.01 μSv/h | 西北西 | WNW | 0.7 |
| < 0.01 μSv/h | 北北西 | NNW | 0.5 |
| < 0.01 μSv/h | 北西  | NW  | 0.9 |
| < 0.01 μSv/h | 西北西 | WNW | 1.5 |
| < 0.01 μSv/h | 西北西 | WNW | 1.2 |
| < 0.01 μSv/h | 北西  | NW  | 1.0 |
| < 0.01 μSv/h | 西北西 | WNW | 1.6 |
| < 0.01 μSv/h | 西北西 | WNW | 1.5 |
| < 0.01 μSv/h | 北西  | NW  | 1.1 |
| < 0.01 μSv/h | 北北西 | NNW | 1.3 |
| < 0.01 μSv/h | 北西  | NW  | 0.9 |
| < 0.01 μSv/h | 北西  | NW  | 0.9 |
| < 0.01 μSv/h | 北西  | NW  | 1.3 |
| < 0.01 μSv/h | 西   | W   | 0.8 |
| < 0.01 μSv/h | 西   | W   | 0.8 |

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南西  | SW  | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.6 |
| < 0.01 $\mu\text{Sv/h}$ | 南東  | SE  | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 南南西 | SSW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西南西 | WSW | 0.5 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.7 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 1.0 |
| < 0.01 $\mu\text{Sv/h}$ | 西   | W   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.7 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.2 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 1.1 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北   | N   | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北北西 | NNW | 0.8 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 0.9 |
| < 0.01 $\mu\text{Sv/h}$ | 北西  | NW  | 1.8 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.6 |
| < 0.01 $\mu\text{Sv/h}$ | 西北西 | WNW | 1.5 |

---

**From:** Emche, Danielle  
**Sent:** Sunday, March 27, 2011 9:19 PM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Can you tell us the fax for the HOO?

Danielle  
Sent from an NRC BlackBerry.

---

**From:** LIA10 Hoc  
**Sent:** Friday, March 25, 2011 6:50 AM  
**To:** LIA02 Hoc; LIA03 Hoc; RST01 Hoc  
**Subject:** plant parameters  
**Attachments:** 20110314福島県モニタリング情報 r7-E.xls; 110223 temporally core cooling-E.docx;  
1 F1Trend\_110318-E.xls; 1 F2Trend\_110318-E.xls; 1 F3Trend\_110318-E.xls; 1 F5Trend\_  
110319-E.xls; 1 F6Trend\_110319-E.xls

211/131

---

**From:** LIA02 Hoc  
**Sent:** Friday, March 25, 2011 8:52 AM  
**To:** RST01 Hoc  
**Cc:** LIA03 Hoc

RST,

We are trying to keep Ambassador Davies in Vienna up to date and therefore it is requested that you please provide the **set of recommendations pertaining to severe accident management strategies which you gave to the NRC** team in Japan. The recommendations were coordinated with GEH, EPRI, INPO, Naval Reactors, and DOE. I will then forward.

Thank you,

Steve

LII/132

---

**From:** Emche, Danielle  
**Sent:** Friday, March 25, 2011 1:49 PM  
**To:** Abrams, Charlotte; Schwartzman, Jennifer  
**Cc:** English, Lance; LIA02 Hoc; LIA03 Hoc  
**Subject:** RE: Question regarding Taiwan participation in daily PMT conference call

I agree, I called and spoke to PMT about it today because I DO NOT think that Taiwan should join. The original AIT/TECRO request was for them to receive the assumption data for the plume model and is the goal. I suggested a call like we did with Indonesia, direct to AIT/TECRO. Instead of listening to the LT request, PMT replied via the log that Taiwan will join the teleconference (a bit of a leap). I called them to today to say that I didn't think this was a good idea, directly, since PMT seemed confused. Apparently, PMT is still confused! I'd like to have the log reflect a call direct to AIT/TECRO but we can still have Margie weigh in if you think that would be prudent. (Since we now have an arrangement in place with AIT/TECRO directly with NRC, I don't think a call will be a problem.)

Danielle

---

**From:** Abrams, Charlotte  
**Sent:** Friday, March 25, 2011 1:30 PM  
**To:** Schwartzman, Jennifer  
**Cc:** Emche, Danielle  
**Subject:** Re: Question regarding Taiwan participation in daily PMT conference call

Tks. I hope that we are not including them. We can contact on Monday separately. I will be interested in Margie's thoughts.

Sent from my nrc blackberry. Charlotte Abrams 3014152933

---

**From:** Schwartzman, Jennifer  
**To:** LIA03 Hoc; Emche, Danielle; Abrams, Charlotte  
**Sent:** Fri Mar 25 13:23:59 2011  
**Subject:** RE: Question regarding Taiwan participation in daily PMT conference call

I believe the UK and Canada were the initiating members. I would be so, so careful about any new country, but in particular a country that not everyone recognizes as a country..... yikes. Danielle was the person in OIP who was talking to the Taiwanese. I'd recommend you call her on her blackberry and find out if she was the one who made the request. In the meantime I will ask Margie about the request but I have a feeling I know what the answer will be. Stay tuned.

---

**From:** LIA03 Hoc  
**Sent:** Friday, March 25, 2011 1:21 PM  
**To:** Emche, Danielle; Abrams, Charlotte; Schwartzman, Jennifer  
**Subject:** Question regarding Taiwan participation in daily PMT conference call

The PMT has notified me that OIP informed them (not sure who in OIP) that that Taiwan wishes to be included in the 1400 PMT conference call with the FR/GBR/CAN and US NRC. I have a few questions:

Who "owns" the PMT Conference call? Do we chair it or decide who gets in?

Should we ask our current colleagues (FR/GBR/CAN) if they support a new member?

Is adding new members a “slippery slope” that could exclude some countries and potentially cause an international row?

Who should we coordinate with regarding adding new countries?

Thanks,

Lance

---

**From:** LIA02 Hoc  
**Sent:** Friday, March 25, 2011 1:56 PM  
**To:** Sheron, Brian  
**Cc:** McGinty, Tim; Nelson, Robert; LIA06 Hoc; LIA03 Hoc; LIA08 Hoc; Smith, Brooke; Foggie, Kirk  
**Subject:** Answers to questions from Congressional Call  
**Attachments:** Answers to 4 questions from Brian Sheron from Congressional Call.docx; TI Objectives.docx

Brian,

The responses to the questions are attached. The first file contains the answers and the second file contains a TI referenced in the answer to question 4.

Steve

III/134



- 1.) Two workers were reported to have been hospitalized due to radiation exposure. Have there been any more workers hospitalized, and do we know how they were exposed?
- 2.) Three workers were reported to have received radiation burns to their feet by spending too much time walking in contaminated water. Do we have any more information on this?

The following information taken from the IAEA website and answers these two questions:

As per the IAEA, three workers at the Fukushima Daiichi nuclear power plant were exposed on 24 March to elevated levels of radiation. The IAEA has received additional information on the incident from the Japanese authorities.

The three were contracted workers laying cables in the turbine building of the Unit 3 reactor. Two of them were found to have radioactivity on their feet and legs.

These were washed in the attempt to remove radioactivity, but since there was a possibility of Beta-ray burning of the skin, the two were taken to the Fukushima University Hospital for examination and then transferred to Japan's National Institute of Radiological Sciences for further examination. They are expected to be monitored for around four days.

It is thought that the workers ignored their dosimeters' alarm believing it to be false and continued working with their feet in contaminated water.

The Nuclear and Industrial Safety Agency (NISA) of Japan instructed TEPCO to review the radiation control system immediately in order to avoid similar incidents in the future.

As of 24 March, 19:30 Japan time, the number of workers at the Fukushima Daiichi nuclear power plant found to have received more than 100 millisieverts of radiation dose totalled 17 including the three contract workers. The remaining fourteen are TEPCO's employees.

- 3.) It was reported that the Iodine levels in the Tokyo drinking water went down below allowable limits. Do we know what this is attributable to? Was it due to a shift in wind direction? Did the releases from the plant go down"?

No quantitative cause analysis exists, but decay of iodine itself or reduction in rainfall with iodine, or their combination can be a plausible reason.

- 4.) What action is the NRC taking regarding licensee plans to walk down their plants to confirm systems, procedures, etc., are in place to deal with natural phenomena? Are the resident inspectors going to accompany the licenses during the walkdowns?

The TI (issued March 23, 2011) has inspectors verify that the licensees have performed walkdowns. This can be done in various ways. For example the inspector could walkdown the system with the licensee or perform an independent walkdown and compare those results with the licensee's results (or a combination of both). In some cases the inspector may choose to just review the licensee's documentation of findings from the walkdown.

For more information on the TI a one page set of talking points is attached.

Overview of TI 2515/183, "FOLLOWUP TO THE FUKUSHIMA DAIICHI NUCLEAR STATION  
FUEL DAMAGE EVENT"  
March 23, 2011

TI Objectives

- The objective of this TI is a high-level, independent assessment, of the adequacy of actions taken by licensees in response to the Fukushima Daiichi nuclear station fuel damage event.
- The inspection results from this TI will be used to evaluate the industry's readiness for a similar event and to aid in determining whether additional regulatory actions warranted.

TI Focus Areas

1. Assess the licensee's capability to mitigate conditions that result from beyond design basis events (e.g., B.5.b and 10 CFR 50.54(hh)).
2. Assess the licensee's capability to mitigate station blackout (SBO) conditions, as required by 10 CFR 50.63.
3. Assess the licensee's capability to mitigate internal and external flooding events required by station design.
4. Assess the thoroughness of the licensee's walkdowns and inspections of important equipment needed to mitigate fire and flood events to identify the potential that the equipment's function could be lost during seismic events possible for the site.

TI Inspection Methods

- Use existing inspection procedures and TIs for guidance
- Where applicable, inspectors should credit the baseline inspection program for samples reviewed during this TI assessment.
- Resources: 40 hours per site.

Other Issues

- The TI was issued on March 23, 2011. Each site will complete the inspection by April 29, 2011 and issue a stand-alone report by May 13, 2011
- An inspection report template is being prepared (and should be available mid-next week) to assist in documentation.
- The short inspection and documentation timeline could have a significant impact on regional resources.

---

**From:** Schwartzman, Jennifer  
**Sent:** Friday, March 25, 2011 1:24 PM  
**To:** LIA03 Hoc; Emche, Danielle; Abrams, Charlotte  
**Subject:** RE: Question regarding Taiwan participation in daily PMT conference call

I believe the UK and Canada were the initiating members. I would be so, so careful about any new country, but in particular a country that not everyone recognizes as a country..... yikes. Danielle was the person in OIP who was talking to the Taiwanese. I'd recommend you call her on her blackberry and find out if she was the one who made the request. In the meantime I will ask Margie about the request but I have a feeling I know what the answer will be. Stay tuned.

---

**From:** LIA03 Hoc  
**Sent:** Friday, March 25, 2011 1:21 PM  
**To:** Emche, Danielle; Abrams, Charlotte; Schwartzman, Jennifer  
**Subject:** Question regarding Taiwan participation in daily PMT conference call

The PMT has notified me that OIP informed them (not sure who in OIP) that that Taiwan wishes to be included in the 1400 PMT conference call with the FR/GBR/CAN and US NRC. I have a few questions:

Who "owns" the PMT Conference call? Do we chair it or decide who gets in?

Should we ask our current colleagues (FR/GBR/CAN) if they support a new member?

Is adding new members a "slippery slope" that could exclude some countries and potentially cause an international row?

Who should we coordinate with regarding adding new countries?

Thanks,

Lance

III / 135

---

**From:** Stahl, Eric  
**Sent:** Friday, March 25, 2011 8:45 AM  
**To:** Schwartzman, Jennifer; Abrams, Charlotte; Emche, Danielle; Mayros, Lauren; Afshar-Tous, Mugeh; Bloom, Steven; English, Lance; Owens, Janice; Tobin, Jennifer; Smirolodo, Elizabeth; Shepherd, Jill; Henderson, Karen; Fragoyannis, Nancy; Baker, Stephen; Wittick, Brian; Rosales-Cooper, Cindy; Jones, Andrea; Young, Francis; Fehst, Geraldine  
**Cc:** Doane, Margaret; Foggie, Kirk; Smith, Brooke; Smith, Wilkins; Mamish, Nader; Dembek, Stephen; Kreuter, Jane; Armstrong, Janine; Floyd, Daphene; LIA02 Hoc; LIA03 Hoc; OST02 HOC; Ramsey, Jack  
**Subject:** OIP Ops Center Coverage: March 24-April 15  
**Attachments:** March 24 - April 15 - International Liaison Schedule.doc

Please find a revised Ops Center coverage sheet attached. Jane Kreuter will now be the "owner" of the document, so if you have any other changes, please let her know. There are still a few open shifts remaining, including some in the "coveted 7am-3pm timeslot," so don't be shy in volunteering!

Thanks again,  
Eric

III / 136

**International Liaison Coverage for the NRC's Japan Disaster Response**  
**March 24-April 15, 2011**

Below you will find the schedule for OIP coverage of the Ops Center. If you cannot work a shift you are scheduled for, it is your responsibility to find a replacement. Once again, thank you for your time, effort and flexibility.

**SHIFT 2**

**THURSDAY, MARCH 24**

|              | <b>Staff #1</b> | <b>Staff #2</b> |
|--------------|-----------------|-----------------|
| 7:00a-3:00p  | Steve Bloom     | Lance           |
| 3:00p-11:00p | Janice          | Jenny           |
| 11:00p-7:00a | Andrea          | Elizabeth       |

**FRIDAY, MARCH 25**

|              | <b>Staff #1</b> | <b>Staff #2</b> |
|--------------|-----------------|-----------------|
| 7:00a-3:00p  | Steve Bloom     | Lance           |
| 3:00p-11:00p | Janice          | Jenny           |
| 11:00p-7:00a | Andrea          | Elizabeth       |

**SATURDAY, MARCH 26**

|              | <b>Staff #1</b> | <b>Staff #2</b> |
|--------------|-----------------|-----------------|
| 7:00a-3:00p  | Steve Bloom     | Lance           |
| 3:00p-11:00p | Janice          | Jenny           |
| 11:00p-7:00a | Cindy           | Elizabeth       |

**SHIFT 1**

**SUNDAY, MARCH 27**

|              | <b>Staff #1</b> | <b>Staff #2</b> |
|--------------|-----------------|-----------------|
| 7:00a-3:00p  | Jill            | Karen           |
| 3:00p-11:00p | Nancy           | Jenny           |
| 11:00p-7:00a | Steve Baker     | Brian           |

**MONDAY, MARCH 28**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Jill        | Karen    |
| 3:00p-11:00p | Nancy       | Cindy    |
| 11:00p-7:00a | Steve Baker | Brian    |

**TUESDAY, MARCH 29**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Jill        | Karen    |
| 3:00p-11:00p | Nancy       | Gerri    |
| 11:00p-7:00a | Steve Baker | Brian    |

**SHIFT 4****WEDNESDAY, MARCH 30**

|              | Staff #1  | Staff #2                   |
|--------------|-----------|----------------------------|
| 7:00a-3:00p  | Charlotte | Lauren (Jenny from 12-3pm) |
| 3:00p-11:00p | Gerri     | Mugeh                      |
| 11:00p-7:00a | Jen S.    | Charlotte                  |

**THURSDAY, MARCH 31**

|              | Staff #1 | Staff #2  |
|--------------|----------|-----------|
| 7:00a-3:00p  | Jill     | Lauren    |
| 3:00p-11:00p | Gerri    | Mugeh     |
| 11:00p-7:00a | Jen S.   | Charlotte |

**FRIDAY, APRIL 1**

|              | Staff #1 | Staff #2  |
|--------------|----------|-----------|
| 7:00a-3:00p  | Cindy    | Lauren    |
| 3:00p-11:00p | Gerri    | Mugeh     |
| 11:00p-7:00a | Jen S.   | Charlotte |

**SHIFT 5****SATURDAY, APRIL 2**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Karen     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a | Gerri       | Elizabeth |

**SUNDAY, APRIL 3**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Karen     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a | Jill        | Elizabeth |



**MONDAY, APRIL 4**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Lance     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a | Jill        | Elizabeth |

**SHIFT 6****TUESDAY, APRIL 5**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Skip        | Kirk     |
| 3:00p-11:00p | Steve Baker | Brian    |
| 11:00p-7:00a | Jill        | Gerri    |

**WEDNESDAY, APRIL 6**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Skip        | Kirk     |
| 3:00p-11:00p | Steve Baker | Brian    |
| 11:00p-7:00a | Jenny       | Gerri    |

**THURSDAY, APRIL 7**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Skip        | Kirk     |
| 3:00p-11:00p | Steve Baker | Brian    |
| 11:00p-7:00a | Jenny       | Gerri    |

**SHIFT 7****FRIDAY, APRIL 8**

|              | Staff #1  | Staff #2  |
|--------------|-----------|-----------|
| 7:00a-3:00p  | Eric      | Mugeh     |
| 3:00p-11:00p | Jen S.    | Charlotte |
| 11:00p-7:00a | Elizabeth | Lauren    |

**SATURDAY, APRIL 9**

|              | Staff #1 | Staff #2  |
|--------------|----------|-----------|
| 7:00a-3:00p  | Eric     | Mugeh     |
| 3:00p-11:00p | Jen S.   | Charlotte |
| 11:00p-7:00a | Jenny    | Lauren    |

**SUNDAY, APRIL 10**

|              | Staff #1  | Staff #2  |
|--------------|-----------|-----------|
| 7:00a-3:00p  | Eric      | Mugeh     |
| 3:00p-11:00p | Jen S.    | Charlotte |
| 11:00p-7:00a | Elizabeth | Jenny     |



**SHIFT 8****MONDAY, APRIL 11**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Lance     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a | Gerri       | Elizabeth |

**TUESDAY, APRIL 12**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Lance     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a |             | Elizabeth |

**WEDNESDAY, APRIL 13**

|              | Staff #1    | Staff #2  |
|--------------|-------------|-----------|
| 7:00a-3:00p  | Steve Bloom | Lance     |
| 3:00p-11:00p | Janice      | Jenny     |
| 11:00p-7:00a | Gerri       | Elizabeth |

**SHIFT 9****THURSDAY, APRIL 14**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Steve Baker | Brian    |
| 3:00p-11:00p | Jill        | Karen    |
| 11:00p-7:00a | Skip        | Nancy    |

**FRIDAY, APRIL 15**

|              | Staff #1    | Staff #2 |
|--------------|-------------|----------|
| 7:00a-3:00p  | Steve Baker | Brian    |
| 3:00p-11:00p | Jill        | Karen    |
| 11:00p-7:00a | Skip        | Nancy    |

**From:** LIA07 Hoc  
**Subject:** Revised USNRC Earthquake-Tsunami Update -- 1800 EDT, March 25, 2011  
**Date:** Friday, March 25, 2011 7:55:37 PM  
**Attachments:** [USNRC Earthquake-Tsunami Update 032511 1800EDT\(rev2\).pdf](#)

---

Resent to add new dose and evacuation information.  
Sorry for any confusion!

Attached, please find an 1800 EDT (March 25, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Sara

Sara K. Mroz  
Communications and Outreach  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[Sara.Mroz@nrc.gov](mailto:Sara.Mroz@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

III/137

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Friday, March 25, 2011 4:46 AM  
**To:** Liaison Japan  
**Subject:** 0430 EDT, March 25, 2011 Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032511.0430EDT.docx

Attached, please find the latest status update for your reference.

Please let me know if you have any changes that should be made for the next issue at 1800 EDT on March 25.

Thank you,

-Jim  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov)

Lee, Richard

---

**From:** Per F. Peterson [peterson@nuc.berkeley.edu]  
**Sent:** Monday, March 28, 2011 8:00 PM  
**To:** SCHU; Garwin, Dick (IBM); Binkley, Steve; Brinkman, Bill; Binder, Jeff; Hurlbut, Brandon; Sheron, Brian; Poneman, Daniel; Connell, Elizabeth; McFarlane, Harold; 'Harold Denton'; Adams, Ian; John Holdren; 'JOE H. PAYER'; Kelly, John E (NE); Grossenbacher, John (INL); Owens, Missy; Peterson, Per; Lyons, Peter; Finck, Phillip; Garwin, Dick (EOP); Lee, Richard; Budnitz, Bob; Szilard, Ronaldo; Aoki, Steven; Koonin, Steven; Steve Fetter; Binkley, Steve; DAgostino, Thomas  
**Subject:** Fwd: Re: Salt water corrosion

As a follow-up to Steve Chu's note on oxygen, Tom Devine at UC Berkeley also identifies oxygen as a key problem for accelerated corrosion. Corrosion will emerge as the most important longer-term risk factor, since integrity of the reactor containment is essential to maintaining flooding of the drywell and heat removal from the reactor vessel.

Now that the transition to fresh water has been achieved (something we identified early on as an important risk-reduction step), one of the most important risk-reduction opportunities now available is to expedite the installation of equipment to strip oxygen from water injected into the reactor vessels and primary containments.

I note an important in Tom's email, that CO2 can have a beneficial and protective effect for corrosion. This suggests that it would be better to use CO2 as an inerting agent to inject into the reactor feedwater, rather than nitrogen. CO2 can serve as an inerting agent, but also should have useful effects in inhibiting corrosion.

-Per

>Date: Mon, 28 Mar 2011 08:07:02 -0700  
>Subject: Re: Salt water corrosion  
>From: devine@berkeley.edu  
>To: "Per F. Peterson" <peterson@nuc.berkeley.edu>

>  
>Per,  
>  
>The critical parameters that will determine the appropriate material  
>for storing aqueous waste are: the water's: dissolved oxygen concentration,  
>temperature, pH and chloride ion concentration. For example, carbon  
>steel can be protected against corrosion in 65°C water that contains  
>0.4M chloride (i.e., greater than sea water) and is saturated with CO2  
>(so it is acidic). However, in this case it is critically important  
>that the water is free of oxygen (as it is saturated with CO2) and  
>organic corrosion inhibitors have been added. This example illustrates  
>the interplay between the environment's chemistry (in this case, the  
>absence of dissolved oxygen permits the use of carbon steel along with  
>corrosion inhibitors, despite the presence of high chloride  
>concentration and a pH of about 5), the appropriate material and the  
>required protective measure (organic inhibitors).

>  
>As you have pointed out, titanium would be a good choice. In over 70  
>years of use of titanium in a range of environments and applications  
>there has never been a single reported instance of crevice corrosion or  
>pitting corrosion of titanium at temperatures below 80°C.

>The family of Ni-Cr alloys should be considered. Recall that Alloy C22  
>(a Ni-Cr-Mo alloy) was selected by DOE for long-term storage of waste  
>at Yucca Mtn. Cobalt-chromium alloys would also be effective, but  
>should be ruled out on the basis of cost/availability.  
>  
>Depending on the storage time, there are stainless steels that should  
>also be considered.  
>  
>In summary, there are a number of options available. IN particular,  
>there are a number of corrosion-resistant alloys that should be  
>considered as well as carbon steel that is protected by organic  
>inhibitors, or cathodic protection. I can suggest specific alloys  
>and/or methods of protecting carbon steel once I know the chemistry of the water.  
>  
>Tom  
>  
>> Tom,  
>>  
>> One of the major elements of remediating the reactors at Fukushima  
>> will involve flushing high activity, corrosive fluids out of the  
>> reactor vessel into some type of storage tank(s), with an evaporator  
>> system to concentrate the fluids and to recycle the condensate for  
>> further flushing.  
>>  
>> Currently the turbine condensers are being used for storage of  
>> low-activity fluids (see below).  
>>  
>> The storage tanks for high activity fluids will need to have life  
>> spans of at least a few years. This raises the question of what  
>> materials can be used and how corrosion can be managed. Commonly for  
>> salt water service one would use coatings, but I expect that these  
>> would not survive well in a high radiation environment. Titanium has  
>> excellent salt-water resistance, but I'm not sure if it is a  
>> practical material to use for tanks that need to be acquired  
>> on an expedited basis. An alternative is to attempt to use existing  
>> tanks at the site; these might be carbon steel or stainless steel.  
>>  
>> Could you provide advice on potential materials to use for such  
>> storage tanks? If carbon steel or stainless steel end up being the  
>> only practical options, are there methods that might be used to  
>> mitigate corrosion (e.g., cathodic protection), and what would the  
>> thickness need to be to assure several years of service life?  
>>  
>> -Per  
>>  
>>  
>>  
>>>Date: Sun, 27 Mar 2011 20:50:09 -0700  
>>>To: "Gehin, Jess C." <gehinjc@ornl.gov>  
>>>From: "Per F. Peterson" <peterson@nuc.berkeley.edu>  
>>>Subject: Re: Hydrogen  
>>>  
>>>Jess,  
>>>  
>>>Below is my assessment of the major actions needed to remediate these  
>>>reactors. Getting the refueling crane out of the way in Unit  
>>>3 will be important (I'm pretty sure that the 100 ton reactor crane

>>>would not have been parked above the pool). Hopefully the pool is  
>>>not leaking and can be refilled enough to reduce radiation levels to  
>>>assist with the effort to remove this debris, including cutting up  
>>>the crane system so it can be lifted out.

>>>

>>>The turbine condensers are an ok place to flush low-activity fluids  
>>>to. In the longer term evaporators will be needed to concentration  
>>>these solutions and produce condensate that can be used in additional  
>>>flushing operations. Shielded tanks (probably new) will be needed  
>>>for high activity fluids flushed out of the reactors and  
>>>containments.

>>>

>>>-Per

>>>

>>>

>>>

>>>Initial remediation efforts will involve flushing corrosive and  
>>>radioactive fluids out of the primary systems and containments into  
>>>storage tanks (potentially new tanks, similar to the waste tanks at  
>>>Hanford and SRS), and the use of evaporators to concentrate this salt  
>>>solution in the tanks and return condensate for additional  
>>>flushing. Later on the salts can be processed into suitable waste  
>>>forms using similar technologies to those used for the supernate  
>>>fluids in U.S. defense waste tanks.

>>>

>>>In parallel remotely operated construction cranes will be used to  
>>>remove debris from above and around spent fuel pools, and then the  
>>>cranes will be used to transfer the fuel assemblies into lightly  
>>>shielded baskets to be lowered into shielded casks on the ground.

>>>

>>>Once the spent fuel is moved and the systems have been extensively  
>>>flushed to reduce radiation levels and to remove mobile  
>>>contamination, core debris will be removed as was done at TMI.

>>>

>>>Currently this is my best projection of the sequence of actions  
>>>needed to remediate these reactors.

>>>

>>>-

>>>

>>>>Per,

>>>>

>>>>Interesting theory. I happen to be watching NHK right now and there  
>>>>seems to be a lot of discussion by a government official (chief  
>>>>cabinet secretary Edano) about when the venting was ordered and when  
>>>>it occurred. I was looking at the timelines on the BBC and  
> >>>>OECD sites and they indicate that there was venting before the  
>>>>explosion in unit 1 and unit 3.

>>>>

>>>>He is also saying that the leak of the water to the TG building was  
>>>>a "one-time" event. They are working to pump the water into the  
>>>>condensers, but for unit 1 and 2 the condensers are full and they  
>>>>need to dump them first.

>>>>

>>>>They have a university of Tokyo professor that says the crane in  
>>>>unit 3 has fallen into the pool and may have damaged some fuel.  
>>>>They have some close-up video and images from what looks to be a  
>>>>helicopter with a good zoom lens.

>>>>  
>>>> -- Jess  
>>>>  
>>  
>> --  
>>  
>> -----  
>> Per F. Peterson  
>> Professor and Chair  
>> Department of Nuclear Engineering  
>> University of California  
>> 4153 Etcheverry Hall  
>> Berkeley, California 94720-1730  
>> peterson@nuc.berkeley.edu  
>> Office: (510) 643-7749 Fax: (510) 643-9685  
>> [http://www.nuc.berkeley.edu/People/Per\\_Peterson](http://www.nuc.berkeley.edu/People/Per_Peterson)  
>> -----  
>>

--

-----  
Per F. Peterson  
Professor and Chair  
Department of Nuclear Engineering  
University of California  
4153 Etcheverry Hall  
Berkeley, California 94720-1730  
peterson@nuc.berkeley.edu  
Office: (510) 643-7749 Fax: (510) 643-9685  
[http://www.nuc.berkeley.edu/People/Per\\_Peterson](http://www.nuc.berkeley.edu/People/Per_Peterson)  
-----

## Lee, Richard

---

**From:** Gibson, Kathy  
**Sent:** Friday, March 25, 2011 1:04 PM  
**To:** 'sypicke@sandia.gov'; Uhle, Jennifer; Santiago, Patricia; Lee, Richard; Rivers, Joseph  
**Cc:** 'rogaunt@sandia.gov'; 'spburns@sandia.gov'; Valentin, Andrea; Parks, Jazel  
**Subject:** Re: Action: Fukushima FOIA

We have one too but it is limited to internal NRC to NRC communications from 3/11-3/16/11. What does yours encompass?

Jazel Parks is RES FOIA coordinator. She will likely be involved. Also Andrea Valentin, our Administrative SES.

---

**From:** Pickering, Susan Y <sypicke@sandia.gov>  
**To:** Uhle, Jennifer; Gibson, Kathy; Santiago, Patricia; Lee, Richard; Rivers, Joseph  
**Cc:** Gauntt, Randall O <rogaunt@sandia.gov>; Burns, Shawn <spburns@sandia.gov>  
**Sent:** Fri Mar 25 12:34:06 2011  
**Subject:** FW: Action: Fukushima FOIA

Well, it was bound to happen. We are responding to a broad FOIA request from the Associated Press. To what extent would you like to be involved? Sigh...

---

**From:** Pickering, Susan Y  
**Sent:** Friday, March 25, 2011 10:32 AM  
**To:** Pickering, Susan Y; Pearson, Camelia D.; Fitzpatrick, Lynn; Gauntt, Randall O; Burns, Shawn; Rein, Amy; O'Canna, Myra L; Castellano, Dolores; Elliott, Russell D; Parks, M Bradley; Rhodes, William G; Bonano, Evaristo Jose; Sorenson, Ken B; McClellan, Yvonne; Lloyd, Janette; Khalil, Imane; Miller, David R; McMahon, Kevin A; Shanks, Arthur; Danneskiold, James D; Petti, Jason P; Hill, Marianne B; Knief, Ronald A; Philbin, Jeffrey S; Durbin, Samuel; Ammerman, Douglas J; Shoemaker, Paul E; Jones, Joe A; Wheeler, Timothy; Lipinski, Ronald J  
**Cc:** Silva, Jacquelyn R; Bauck, Steven C; Eanes, James L; Orrell, Stanley A; Walck, Marianne; Tatro, Marjorie; Hwang, Bob  
**Subject:** Action: Fukushima FOIA  
**Importance:** High

Greetings,

**Your response is due to Camelia Pearson by COB Monday, 3/28!**

Here is what you need to know to respond:

- Freedom of Information Act (FOIA) is the law so respond quickly, accurately, and completely; as best you can given the short turnaround. NNSA is expediting this request.
- DOE received 3 nearly identical FOIA requests from the Associated Press. See, below
- The requests are for all communications including emails, faxes, and written correspondence. Provide only those communications between the listed entities, e.g., DOE, NRC, GE, other DOE labs, and the individuals specifically named.
- Verbal communication is outside the scope, you do not need to include it.
- Also out of scope are communications limited to LMC and Sandia, foreign entities and Sandia, or just between Sandians.
- In scope are communications Sandia contractors made that meet the request.
- If any content is OOU, propriety, or draft; please let Camelia Pearson know by adding a note in your email. Don't mark the document itself. The sensitive sections will be reviewed by classification folks for possible exemption/redaction.



- Send all communication to Camelia Pearson, electronically, if possible. For example, paste multiple emails into one email to her.
- Send communication from 3/11 to 4/1. Send all you have now and continue to send until COB 4/1.
- Keep all communication indefinitely. There could be follow-up action.
- There is no P/T, so use the one you charged when you generated the communication.
- Complete the attached form and send it to Camelia along w/ your communication. It is quick. Staff should complete section 5, managers section 6. Yes, the rates are woefully small. No, we don't get reimbursed (I asked). The requestor pays for the FOIA, but Dept of Justice keeps the money.

If you have no communication that matches the request, you can happily ignore this message. If you know of others that might, please forward it to them, including contractors. I will contact John Kelly, DOE NE, and Jennifer Uhle, NRC, about the request. You may let your customers know, too, if you like.

Transparency in government is what makes democracy great; but I know you weren't just hanging around playing dominoes! Thanks for your effort!  
syp

#### Requests:

1. The communications should include emails, faxes and written correspondence between Energy Secretary Steven Chu, his staff and his counsel, and all other DOE employees to and from the NRC and to and from GE Energy, Hitach-GE Nuclear energy, and its designated representatives. Our request should include communications between DOE national laboratories and NRC and GE pertaining to the nuclear incident, as well as the 34 DOE personnel working in Japan.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

2. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between DOE and Japanese officials, including: Energy Secretary Chu, his staff and counsel, the 34 employees deployed to Japan and those working for national laboratories helping to assess and monitor the events.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

3. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between Energy Secretary Chu, his staff and counsel, and all other DOE employees to and from the

NRC and to and from GE Energy, Hitachi-GE Nuclear Energy, and its designated representatives. Our request should include communications between DOE national laboratories and NRC and GE pertaining to the nuclear incident, as well as the 34 DOE personnel working in Japan.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

---

**From:** Pickering, Susan Y

**Sent:** Thursday, March 24, 2011 5:11 PM

**To:** Pearson, Camelia D.; Fitzpatrick, Lynn; Gauntt, Randall O; Burns, Shawn; Miller, Christopher C; Rein, Amy; O'Canna, Myra L; Castellano, Dolores; Elliott, Russell D; Parks, M Bradley; Rhodes, William G; Bonano, Evaristo Jose; Sorenson, Ken B; McClellan, Yvonne; Lloyd, Janette; Khalil, Imane; Miller, David R; McMahon, Kevin A

**Cc:** Silva, Jacquelyn R; Bauck, Steven C; Eanes, James L; Orrell, Stanley A

**Subject:** RE: EXPEDITE: New FOIA Request: FOIA 11-00303-H (CAPPIELLO)

Greetings,

Don't panic!

I just spoke w/ James Eanes and Camelia Pearson. I have a better understanding of the request and Camelia is researching some specific questions. I will follow-up w/ them tomorrow morning and send you an update.

I am not sure who all will need to respond to this request, so please forward it to others as necessary. Don't respond yet!  
syp

---

**From:** Pearson, Camelia D.

**Sent:** Thursday, March 24, 2011 4:43 PM

**To:** Fitzpatrick, Lynn; Gauntt, Randall O; Burns, Shawn; Miller, Christopher C; Rein, Amy; O'Canna, Myra L; Castellano, Dolores; Pickering, Susan Y; Elliott, Russell D

**Cc:** Silva, Jacquelyn R; Bauck, Steven C

**Subject:** FW: EXPEDITE: New FOIA Request: FOIA 11-00303-H (CAPPIELLO)

**Importance:** High

***FYI, there is no project and task number to charge this work too, and because (FOIA) Freedom of Information Act is the law and it is part of our contract within our Prime Contract, we have clauses that make Sandia subject to the law in a timely and efficient manner:***

***72. DEAR 970.5204-2 LAWS, REGULATIONS, AND DOE DIRECTIVES (DEC 2000) (DEVIATION)***

***(a) In performing work under this contract, the contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations (including DOE regulations), unless relief has been granted in writing by the appropriate regulatory agency.***

***Therefore, each department is responsible for fulfilling the law and charging their costs accordingly to their own project and task.***

# **Hello: This is an Expedited FOIA Request, Normal Times for Delivery Does Not Apply. The DUE Date to NNSA is March 31, 2011.**

The attached Freedom of Information Act (FOIA) requests access to and copies of all communications between the Department of Energy, the U.S. Nuclear Regulatory Commission, GE Energy and Hitachi-GE Nuclear Energy pertaining to the Japanese nuclear incidents caused by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

## **3 requests were aggregated into 1:**

2. The communications should include emails, faxes and written correspondence between Energy Secretary Steven Chu, his staff and his counsel, and all other DOE employees to and from the NRC and to and from GE Energy, Hitachi-GE Nuclear energy, and its designated representatives. Our request should include communications between DOE national laboratories and NRC and GE pertaining to the nuclear incident, as well as the 34 DOE personnel working in Japan.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

2. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between DOE and Japanese officials, including: Energy Secretary Chu, his staff and counsel, the 34 employees deployed to Japan and those working for national laboratories helping to assess and monitor the events.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

3. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between Energy Secretary Chu, his staff and counsel, and all other DOE employees to and from the NRC and to and from GE Energy, Hitachi-GE Nuclear Energy, and its designated representatives. Our request should include communications between DOE national laboratories and NRC and GE pertaining to the nuclear incident, as well as the 34 DOE personnel working in Japan.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

(The original request begins on page 2 of the attached document.)

Your response is greatly appreciated within 2 days by Monday March 28, 2011, for records that are only explicitly responsive to what the requester has asked. If there is more than one item or question listed, please indicate which record(s) respond to that specific item or question. An estimate of costs for processing, and/or a need for clarification/scope narrowing, and the time you need to review and gather documents to the FOIA request. In addition please fill out the LAST page of the Record of Freedom of Information (FOI) Processing Cost sheet for Contractor personnel that is attached to the original FOIA request (The instructions for filling out the form is on the next to the last page) and return to me within 5 days by Thursday October 15, 2011 for an estimate of cost and processing as indicated above. The FOIA will be considered INCOMPLETE if this information is not provided, IT WILL BE RETURNED FOR PROCESSING. Please use the amounts already embedded in the document any other amount is not accepted, these are set cost by FOIA.

If you are not the person to receive this FOIA request, (disregard) and please let me know if there are other individuals, I should contact to respond to this FOIA request.

In addition, if a search was conducted and no responsive records were found, I need you to answer the following four questions below and email me the response within 2 days by Monday March 28, 2011:

1. Where was the search conducted?
2. What type of search was conducted, hand or computer?
3. If it was a computer, how was it conducted and what was searched? (What Keywords Was Used to Query the Database).
4. If by hand, how was it conducted and what was searched?

Please send one (1) copy of any unclassified or classified responsive information directly to the Sandia Records Management Office, 2215 Route 90, Suite 100, Albuquerque, NM 87123. **DO NOT SEND ANY RECORDS OR RESPONSIVE INFORMATION to the requester, NNSA, SSO, or any other source.** As to the records that are classified, the only exception is for information that is classified under Executive Order 13526, which is not subject to the declassification process.

One (1) copy of an unclassified responsive information should be sent to the Sandia Records Management Office, 2215 Route 90, Suite 100, Albuquerque, NM 87123. Special instructions for the records that are classified have been sent.

Please notify me by email if any of these Sandia records are **Contractor-Owned Records** according to Sandia's M&O contract, Clause I-73 (b) <http://www-irm.sandia.gov/corpdata/doe/prime/i-73.html>; therefore, they are **not agency records** and therefore not subject to FOIA.

When searching for responsive record(s) in your organization, this search should include records maintained in any format, including electronic files, active files, and retired files in the Archives. If you know responsive records are available through the following, state, this in your response and provide as much bibliographical information (title, url, if on the web, author, etc,) as possible to be provided to the requester.

- Office of Science and Technical Information (OSTI).
- National Technical Information Service (NTIS).
- Public Library.
- DOE Reading Room.

If the record's can be located in a DOE Reading Room and the requester is within 100 miles of that location, we are not required to provide the document's; it is consider to be in a public domain.

## ADDITIONAL INFORMATION (Freedom of Information Act (FOIA Exemptions) :

The following lists the nine categories of records, which are exempt from disclosure under FOIA:

1. Documents classified by executive order-(national security information)
2. Internal personnel rules and procedures—(examples: internal manuals and standard operating procedures)
3. Documents specifically exempted by statute—(restricted data, formerly restricted data, and unclassified controlled nuclear information)
4. Confidential or proprietary business information submitted to the Department of Energy—(examples: portions of contracts or proposal)
5. Records which are inter- or intra-agency memorandums or letters—(this exemption safeguards the deliberative policy-making process. Draft documents are usually considered pre-decisional, deliberative process documents. However, final decisions must be released, along with the factual information. This exemption also includes attorney-client work products)

6. Records which would be a clearly unwarranted invasion of personal privacy—(examples: documents contained in personnel or medical files)
7. Records of information compiled for “for enforcement purposes” (this would not include background investigative reports or documents concerning security clearances) to the extent that disclosure would:
  - a. Interfere with the enforcement proceedings;
  - b. Deny an individual of a right to a fair or impartial adjudication;
  - c. Be an unwarranted invasion of personal privacy;
  - d. Disclosure the identity of a confidential source;
  - e. Reveal investigator techniques or procedures;
  - f. Endanger the life or physical safety of any individual;
8. Records, which pertain to the regulation and supervision of financial institutions.
9. Maps and records containing geological and geophysical information concerning wells.

Thank you,

---

**From:** Peigler, Wanda [mailto:WPeigler@doeal.gov]  
**Sent:** Thursday, March 24, 2011 2:39 PM  
**To:** Pearson, Camelia D.  
**Cc:** Deserisy, Lloyd Donald  
**Subject:** FW: EXPEDITE: New FOIA Request: FOIA 11-00303-H (CAPPIELLO)  
**Importance:** High

This is an expedited request that is due by March 31, 2011. I am preparing the official request, but sending this to you prior, so you can get this out to the SMEs. Thanks.

---

**From:** Hamblen, Christina H.  
**Sent:** Thursday, March 24, 2011 12:20 PM  
**To:** Vigil, Geraldine J.; Harkness, Debbie; Peigler, Wanda; Wyatt, Steven L (YSO); Slack, Terri (Y12)  
**Subject:** EXPEDITE: New FOIA Request: FOIA 11-00303-H (CAPPIELLO)  
**Importance:** High

ALL,

**EXPEDITED PROCESSING**

**DUE DATE: March 31, 2011**

**Important:** This FOIA is being coordinated by HQ DOE. Expedited processing was granted to the requester. Therefore, please move this FOIA to the top of your list and get it back to us as soon as possible. **DO NOT DELAY.**

**Here is DOE's guidance for this request:**

The interim response to this request is being review by GC/Susan Beard. There will be a consolidated response via DOE-HQ, the timeframe for the search is March 11-March 16. 1. Index the records (categorically) as oppose to each individual document. 2. The documents along with a signed certification sheet (attached) by an authorizing/denying official and a justification memo is to be sent/emailed to this office (SC FOIA Office). 3. The documents should have been review by your office and any information should be bracketed and the FOIA exemption place next to the bracket. 4. The justification memo should discuss the rational for withholding the information and how it relates to the exemption(s) being used. 5. The memo should contain any other pertinent information about the documents that we should be aware of.

**3 requests were aggregated into 1:**

1. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between Energy Secretary Chu, his office and his staff, the Public Affairs Office, DOE national laboratories, and the 34 DOE personnel on the ground in Japan assisting in the response to the disaster.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

2. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between DOE and Japanese officials, including: Energy Secretary Chu, his staff and counsel, the 34 employees deployed to Japan and those working for national laboratories helping to assess and monitor the events.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

3. Requesting copies of all internal communications within the U.S. Department of Energy, including those to and from Energy Secretary Steven Chu, his chief of staff, and his counsel, pertaining to the Japanese nuclear incidents cause by the March 11 earthquake and tsunami. This includes problems at the following three facilities: Fukushima Dai-ichi, Fukushima Daini, and Onagawa.

The communications should include emails, faxes, and written correspondence between Energy Secretary Chu, his staff and counsel, and all other DOE employees to and from the NRC and to and from GE Energy, Hitachi-GE Nuclear Energy, and its designated representatives. Our request should include communications between DOE national laboratories and NRC and GE pertaining to the nuclear incident, as well as the 34 DOE personnel working in Japan.

NOTE: The requester later added the following individuals to the requests: Daniel Poneman; Thomas D'Agostino; Dr. Peter Lyons; Steven Aoki; Adm. Joseph Krol; and, Adm. Kirkland Donald

Chris

**Christina Hamblen**  
**Information Programs Specialist**  
**Office of Public Affairs**  
**National Nuclear Security Administration**  
**Service Center**

**Phone: (505) 845- 4765**

**Fax: (505) 284-7205**



**SAVE PAPER - Please do not print this e-mail unless absolutely necessary**

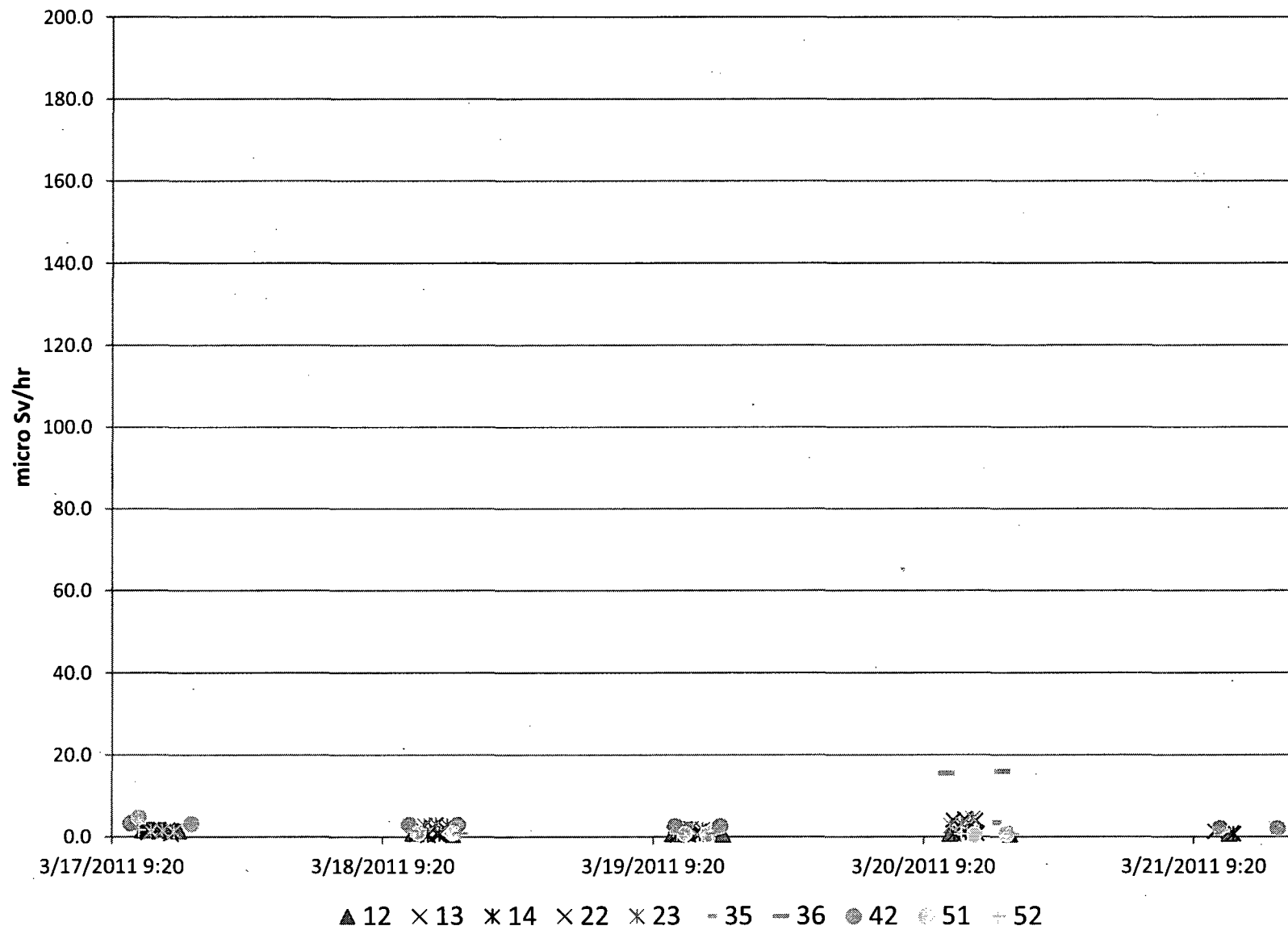
---

**From:** PMT01 Hoc  
**Sent:** Friday, March 25, 2011 6:07 AM  
**To:** GIS Hoc  
**Subject:** Updated MEXT data file  
**Attachments:** MEXT DATA RECEPTORS.xlsx

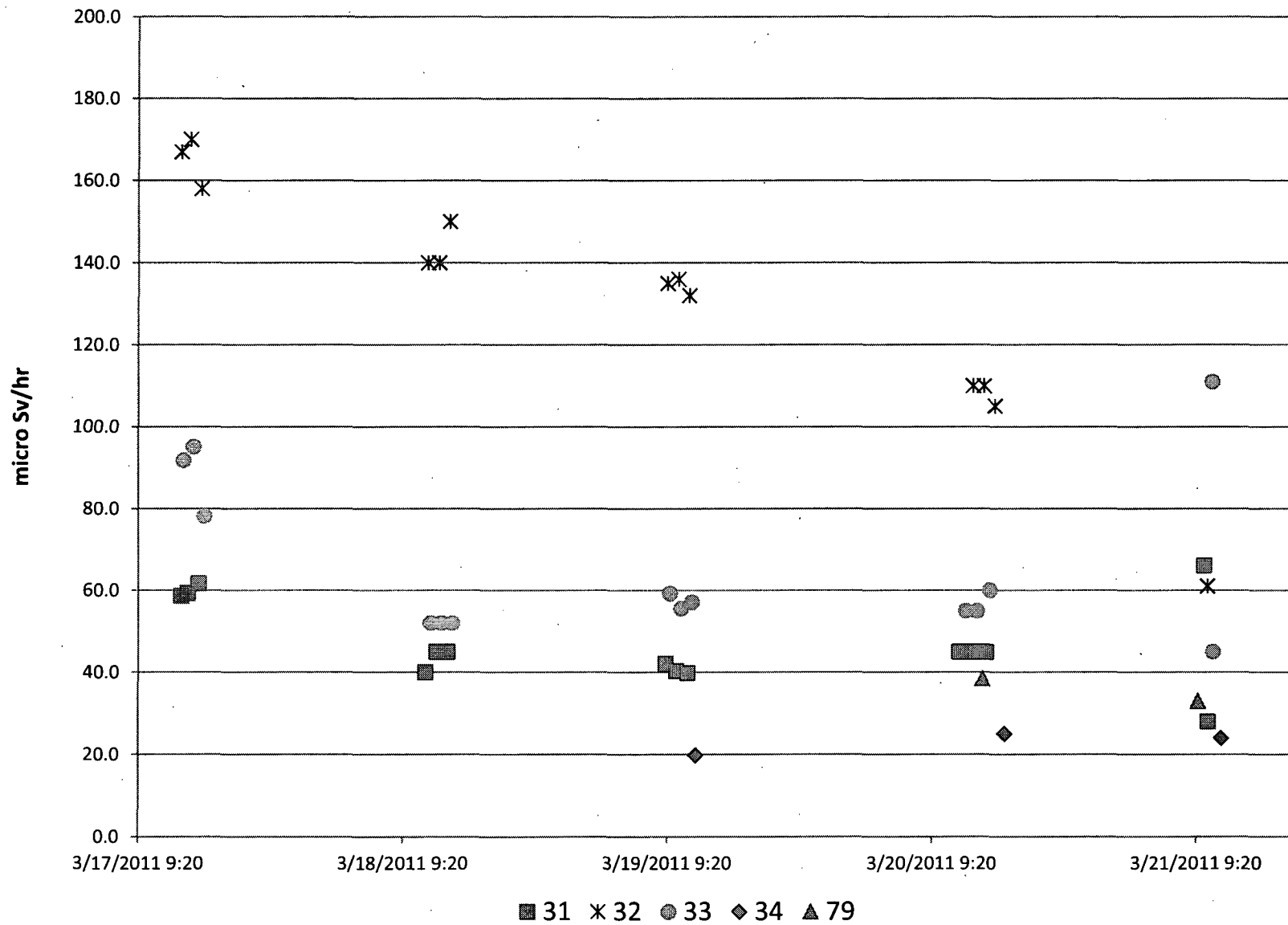
III/139



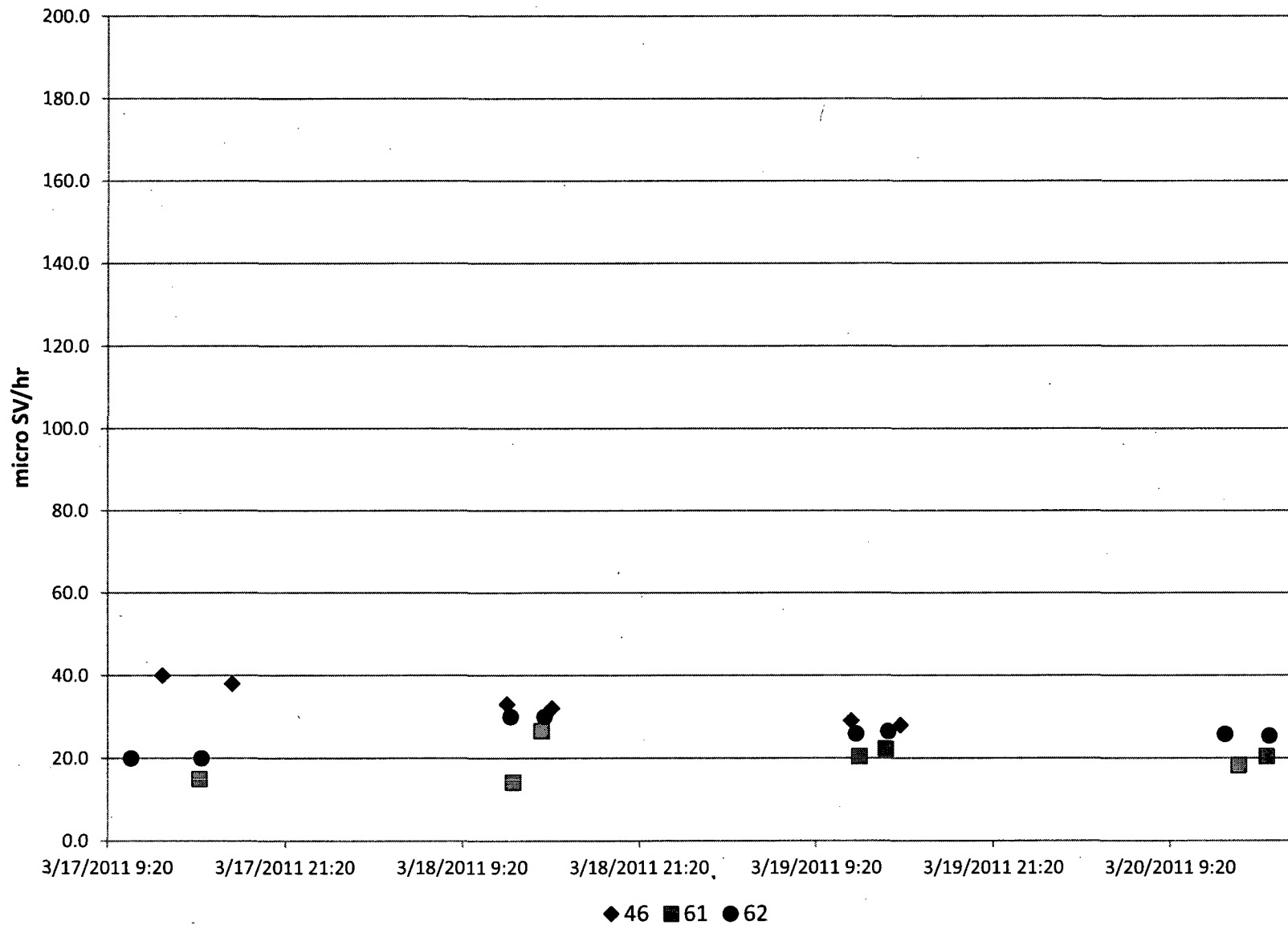
## MEXT Monitors in Group to the West of Fukushima NPP



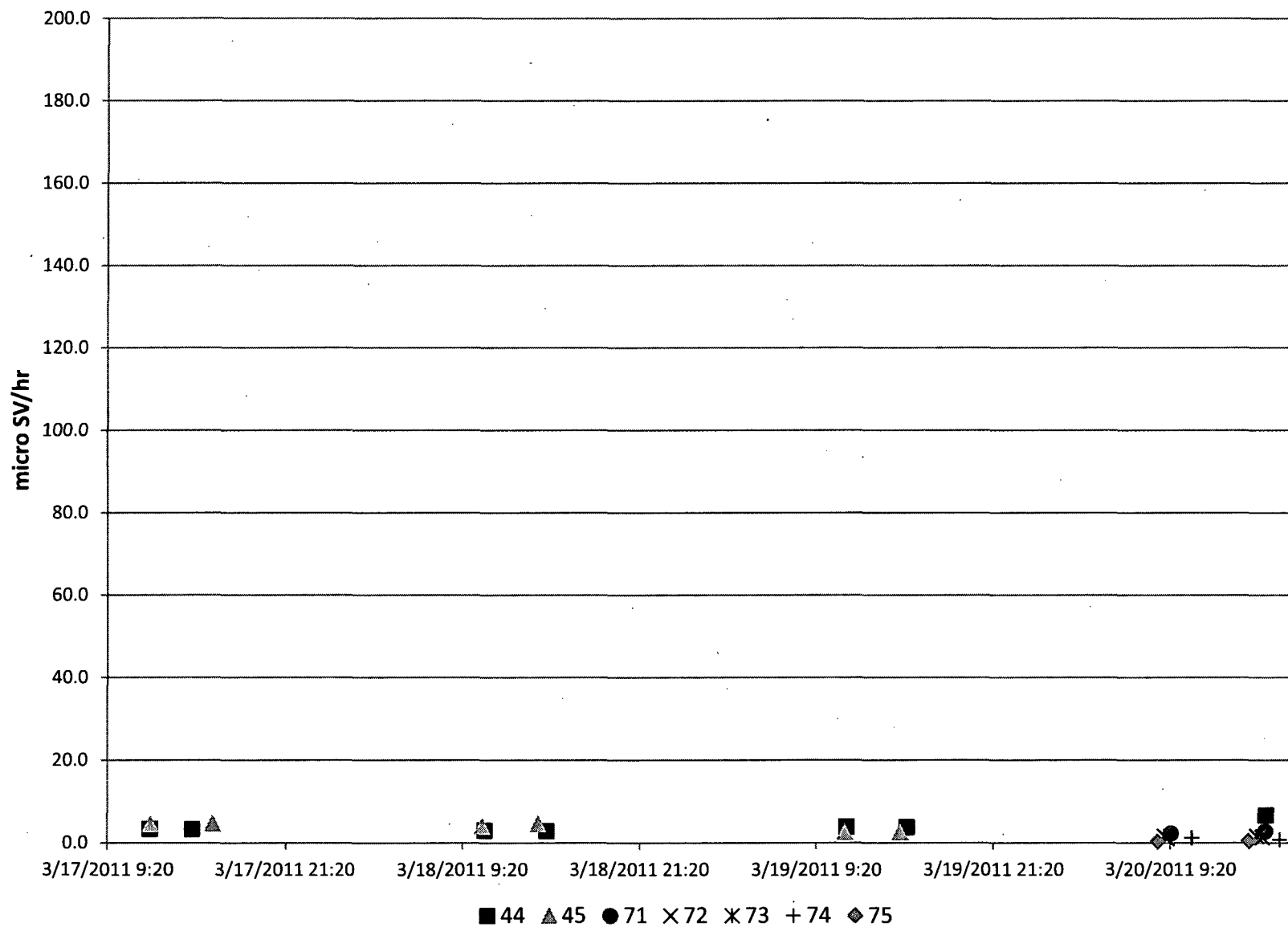
# MEXT Monitors in Cluster to the Northwest of Fukushima NPP

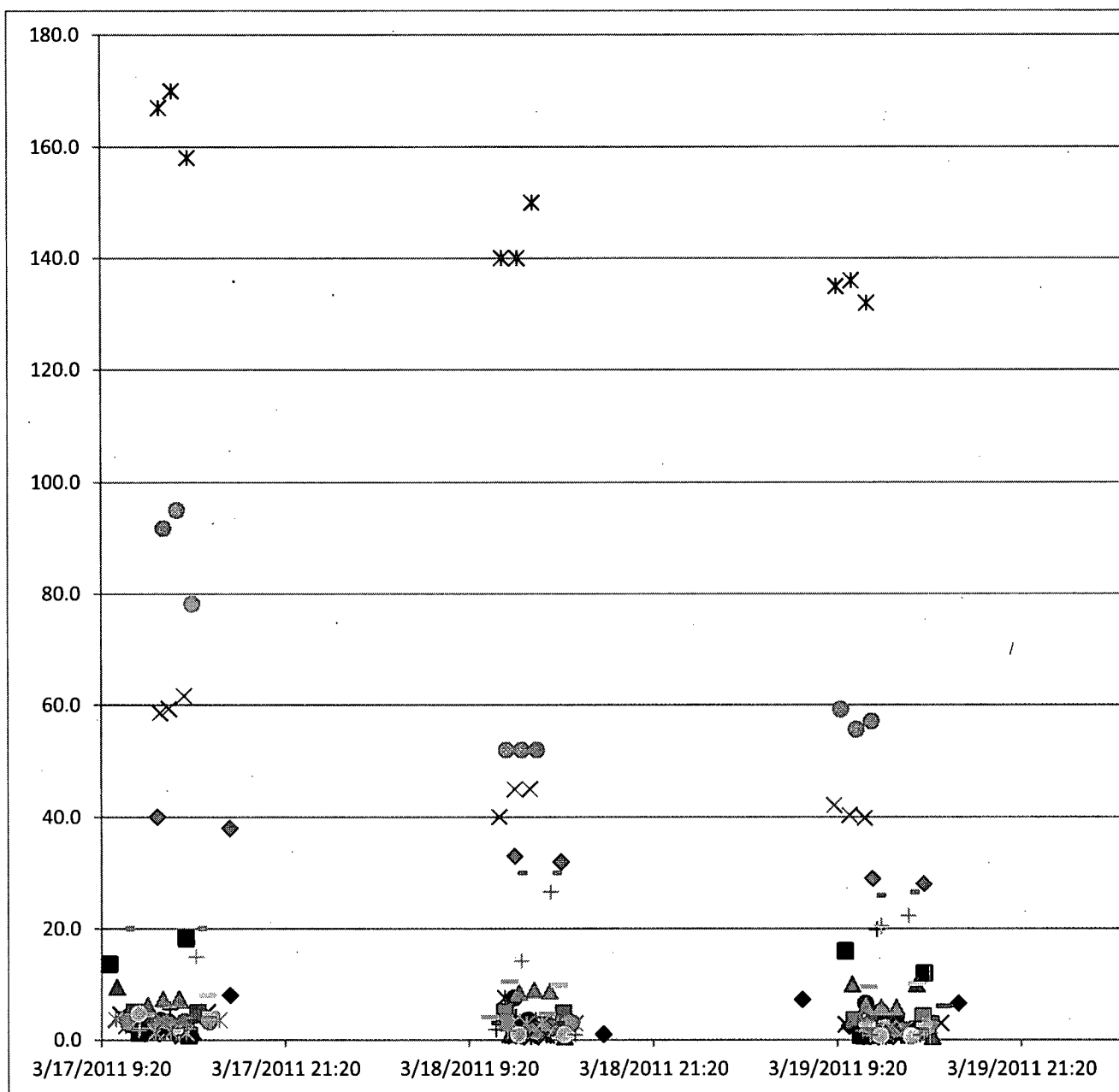


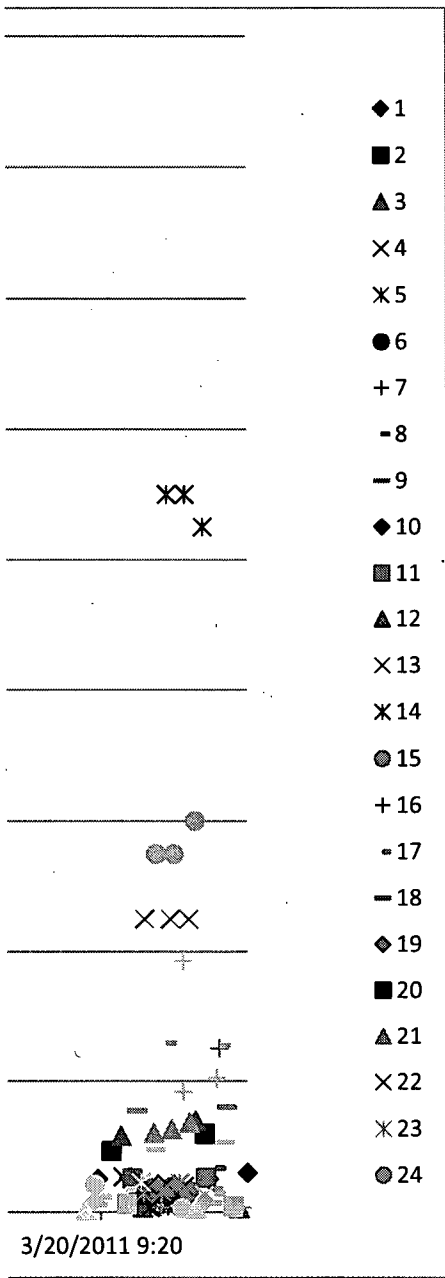
# MEXT Monitors to the Northwest of Fukushima NPP



## MEXT Monitors to the South of Fukushima NPP







---

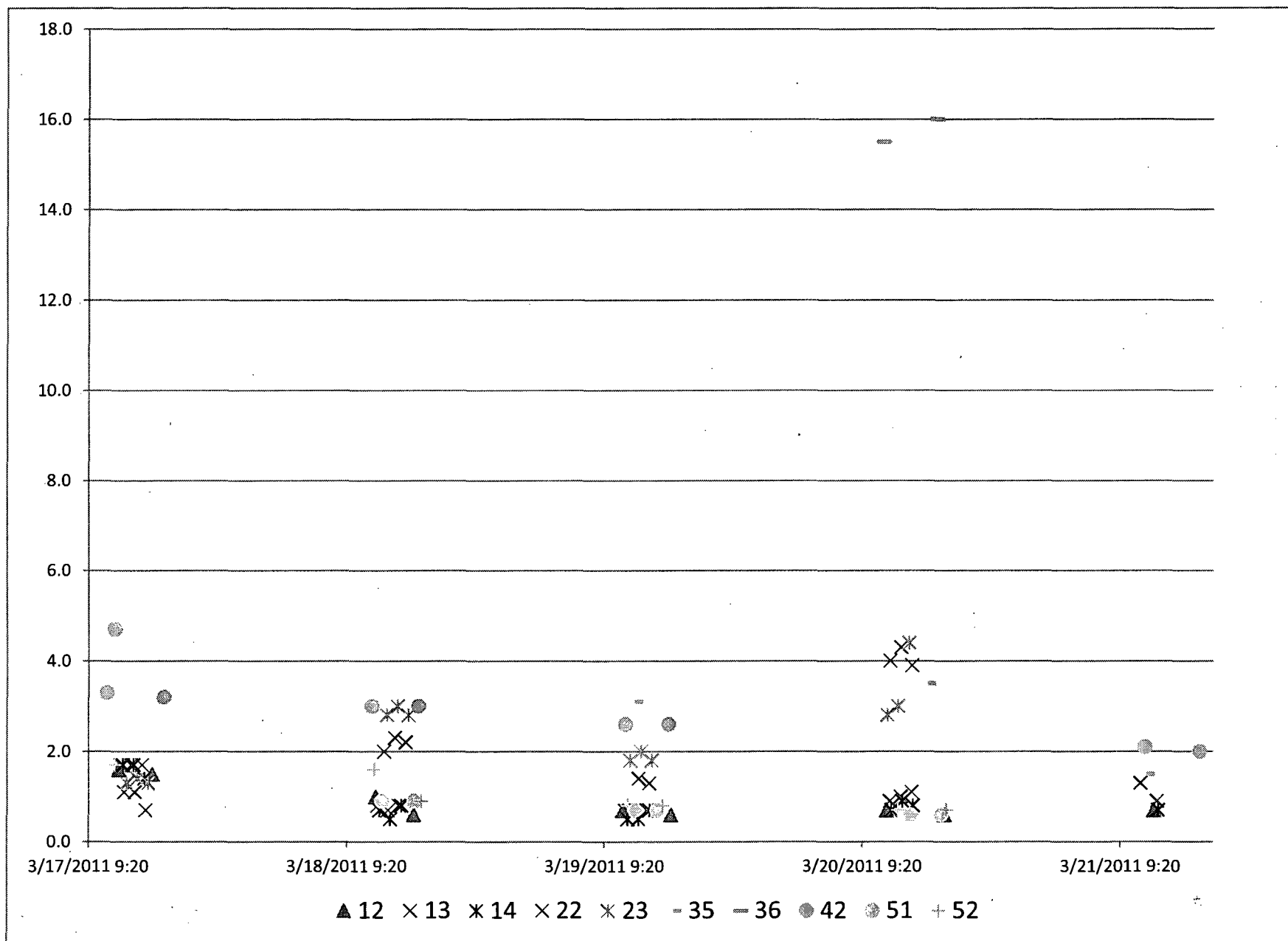
**From:** PMT01 Hoc  
**Sent:** Friday, March 25, 2011 5:15 AM  
**To:** GIS Hoc  
**Subject:** MEXT data receptors  
**Attachments:** MEXT DATA RECEPTORS.xlsx

The first graph (Group 1 West) is one that can be used as a test.

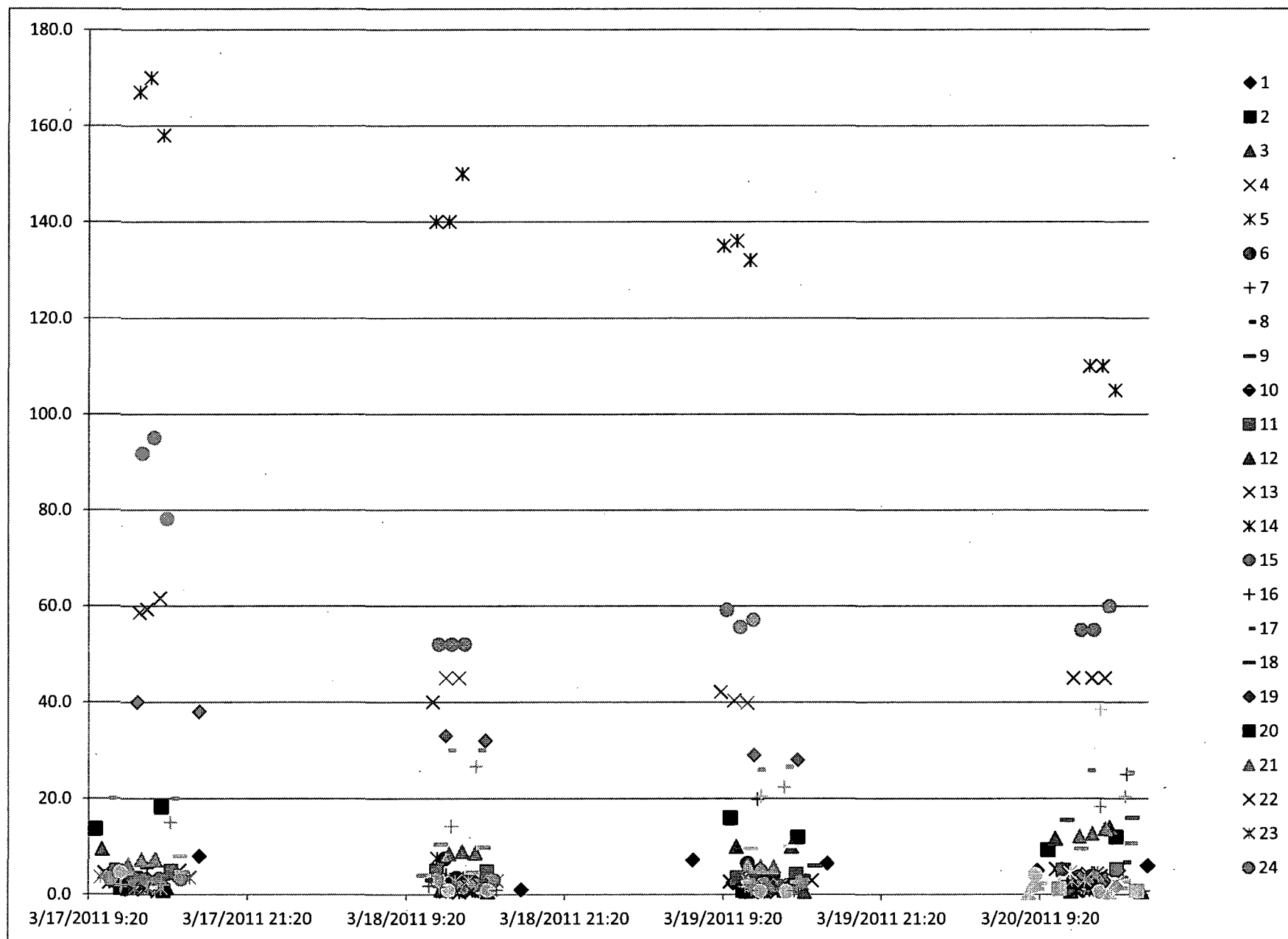
I'll be making modifications though.

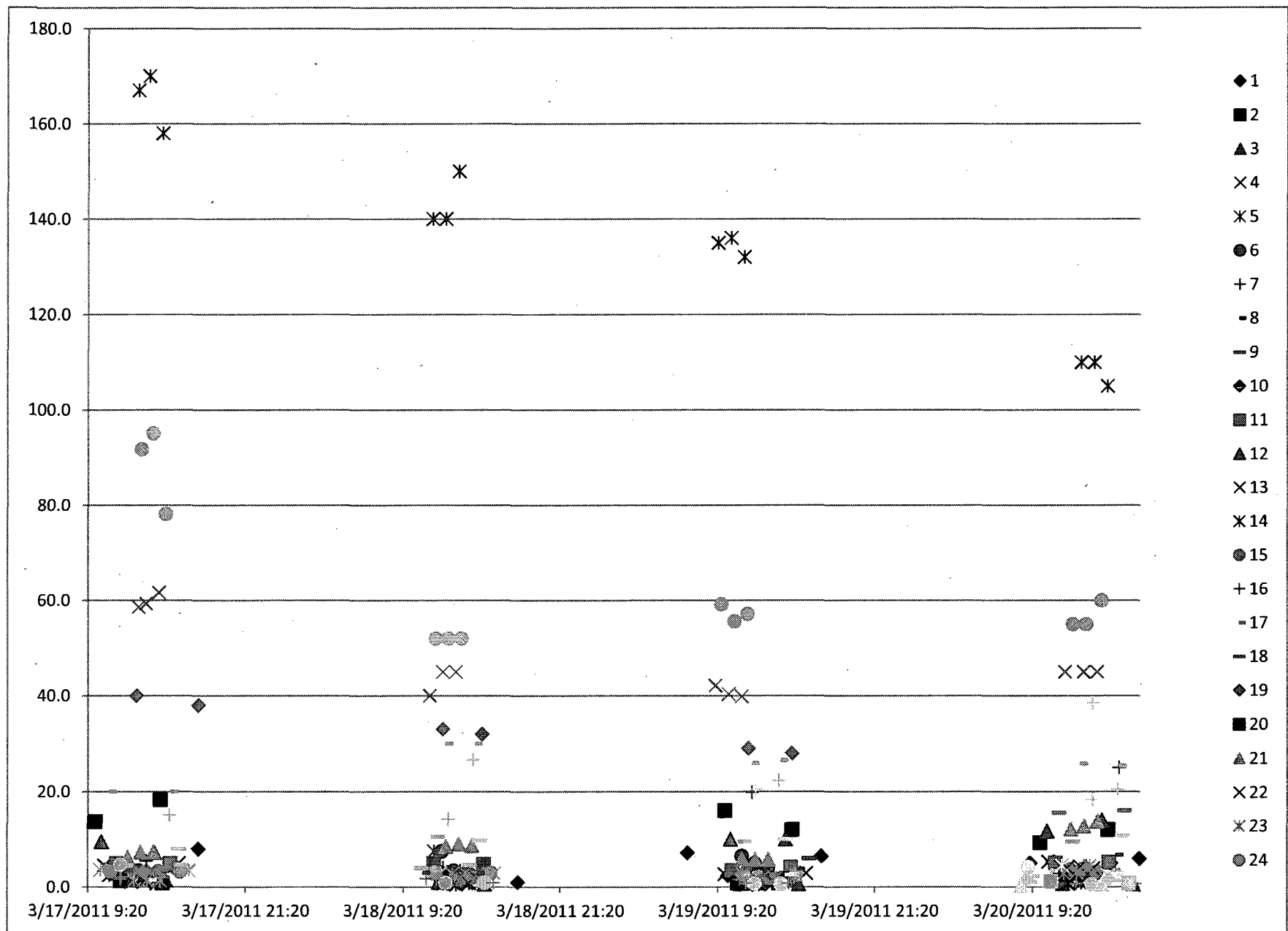
Thanks

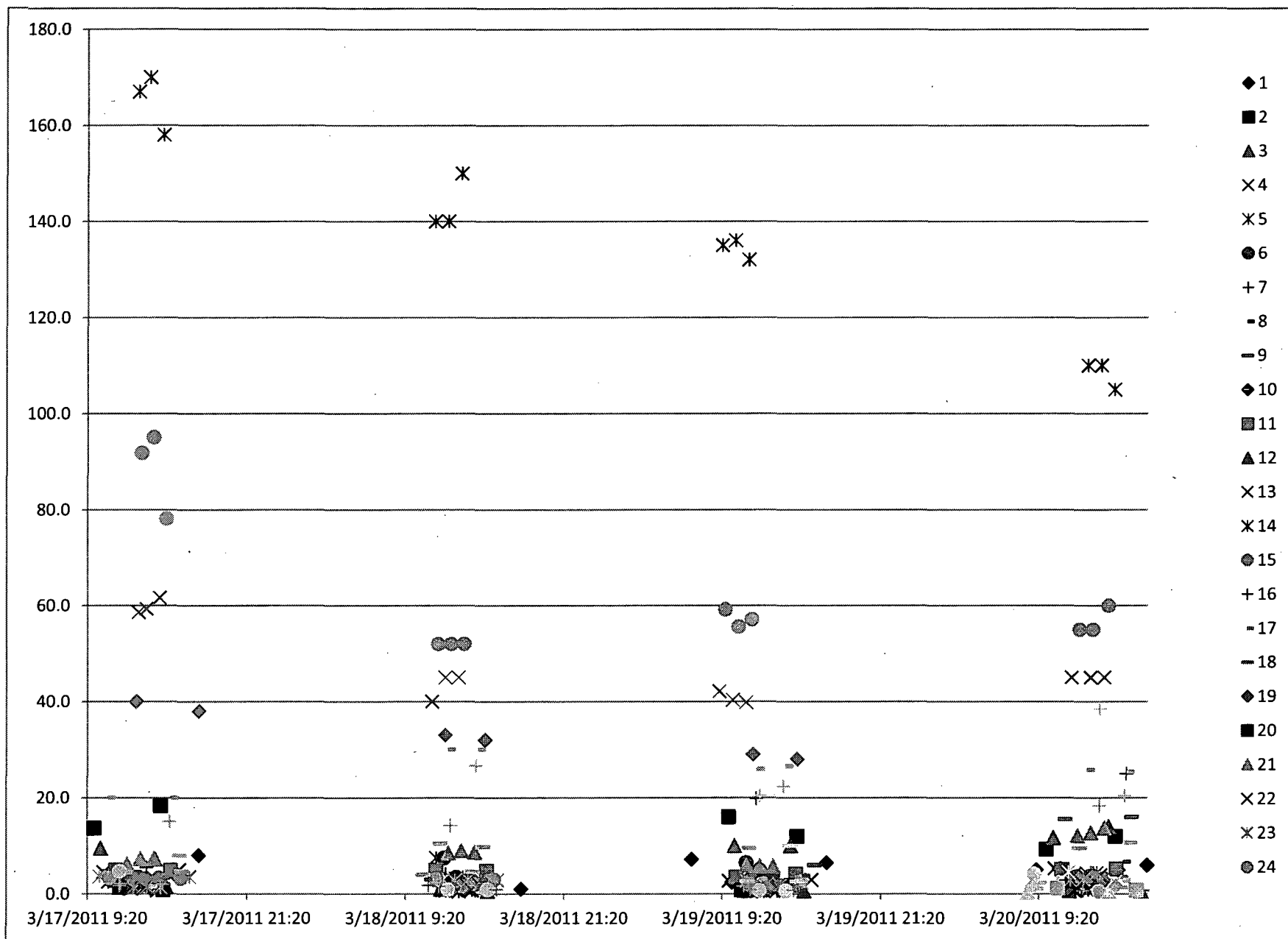
III/140

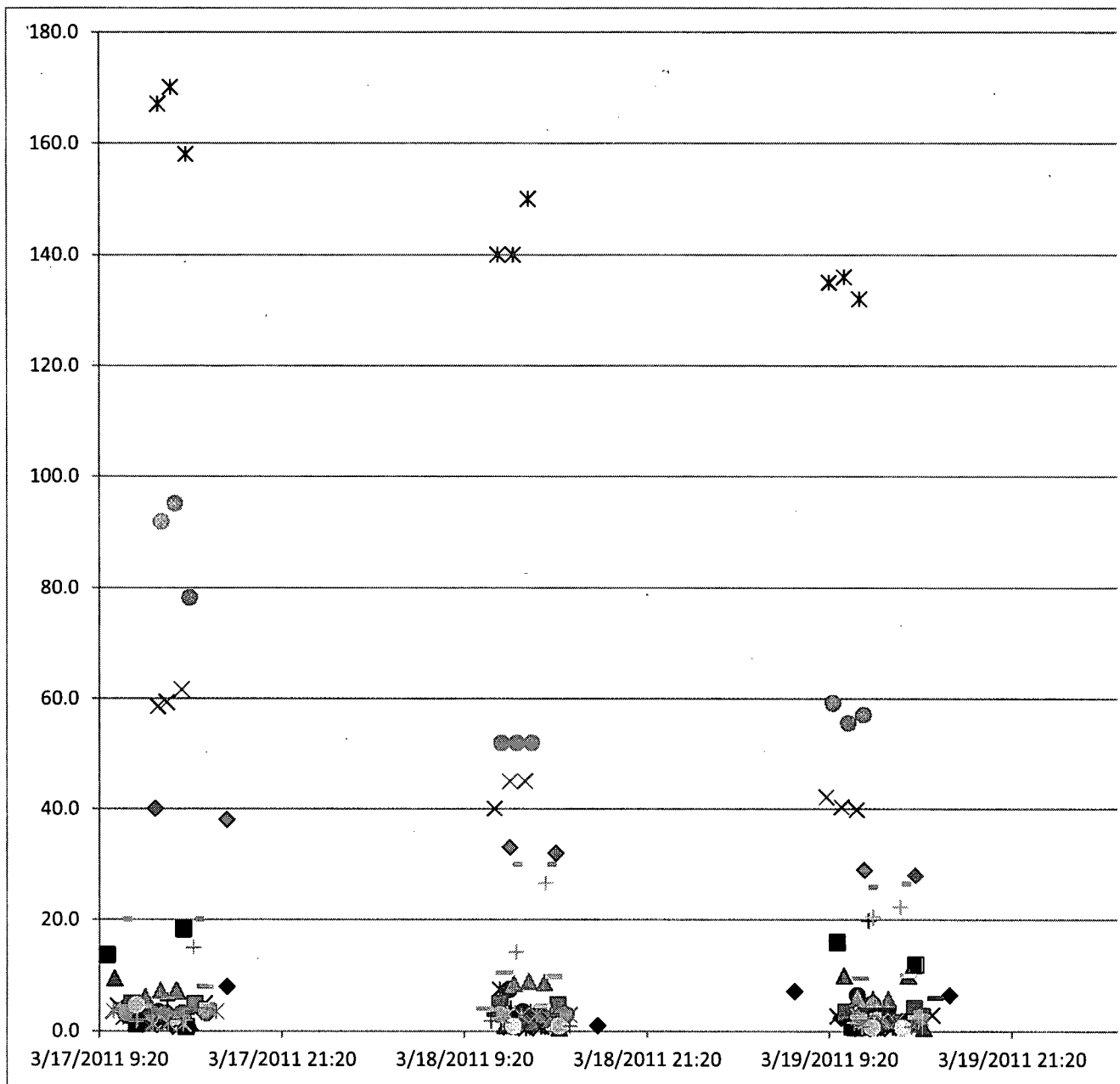


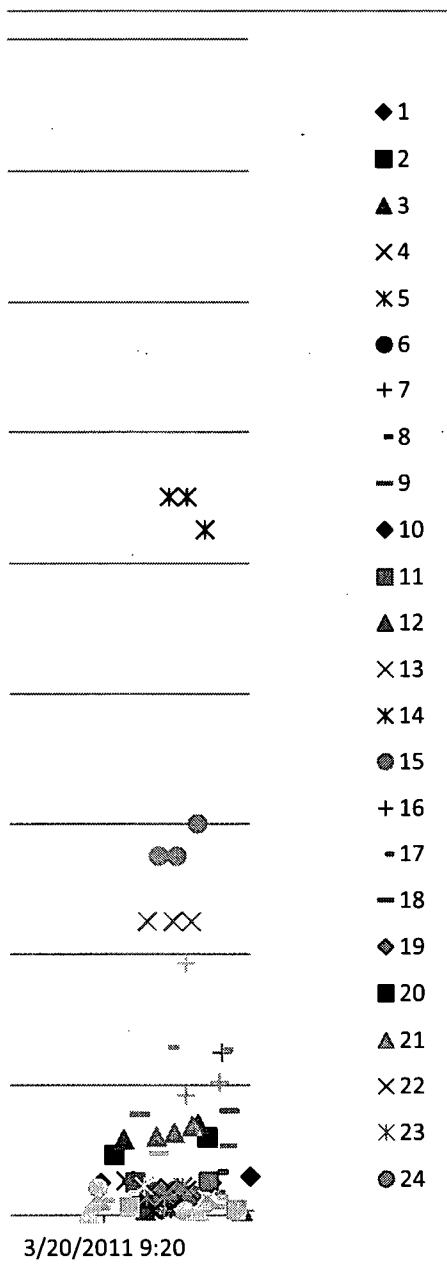












---

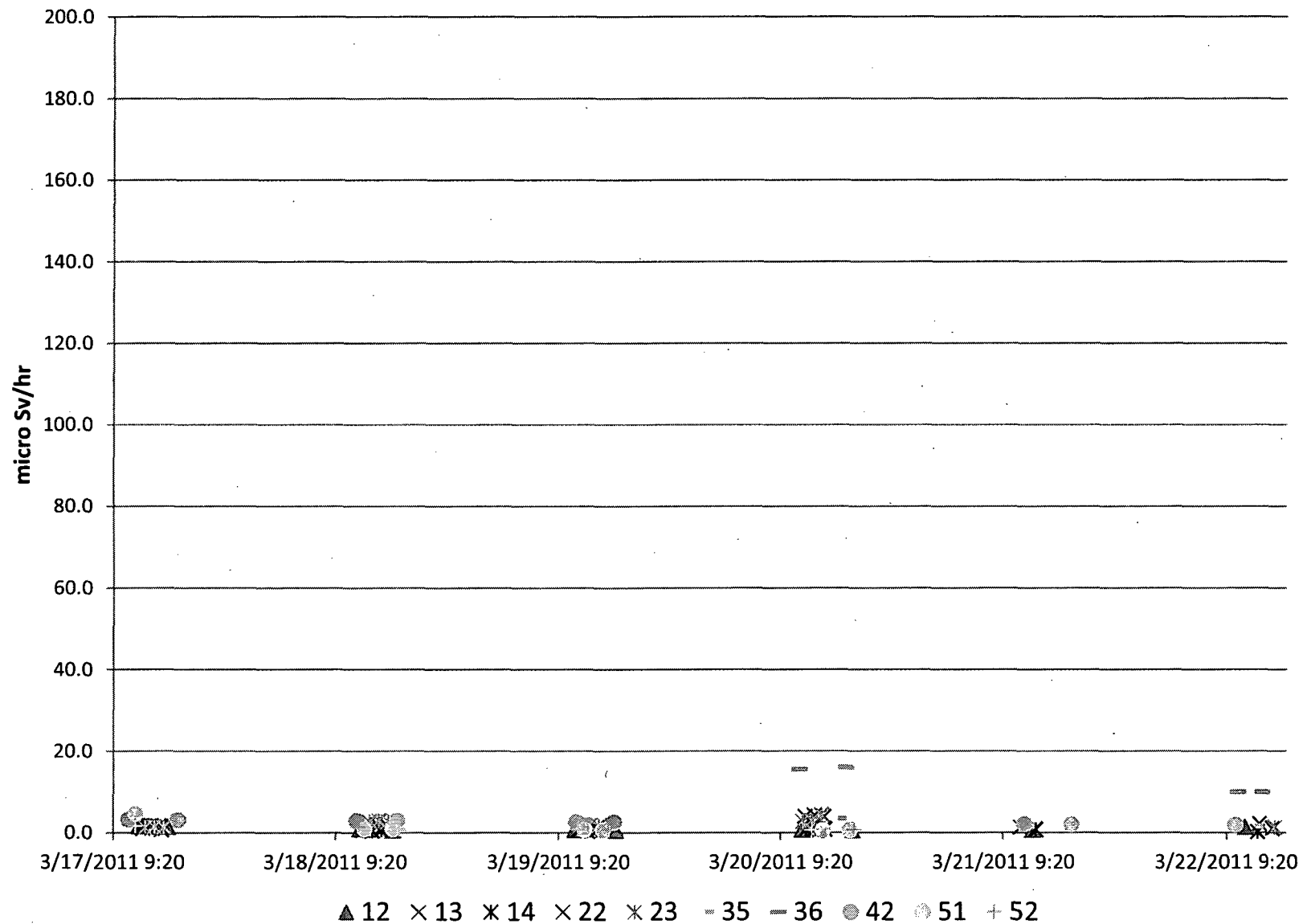
**From:** PMT01 Hoc  
**Sent:** Friday, March 25, 2011 6:39 AM  
**To:** GIS Hoc  
**Subject:** RE: Updated MEXT data file  
**Attachments:** MEXT DATA RECEPTORS.xlsx

---

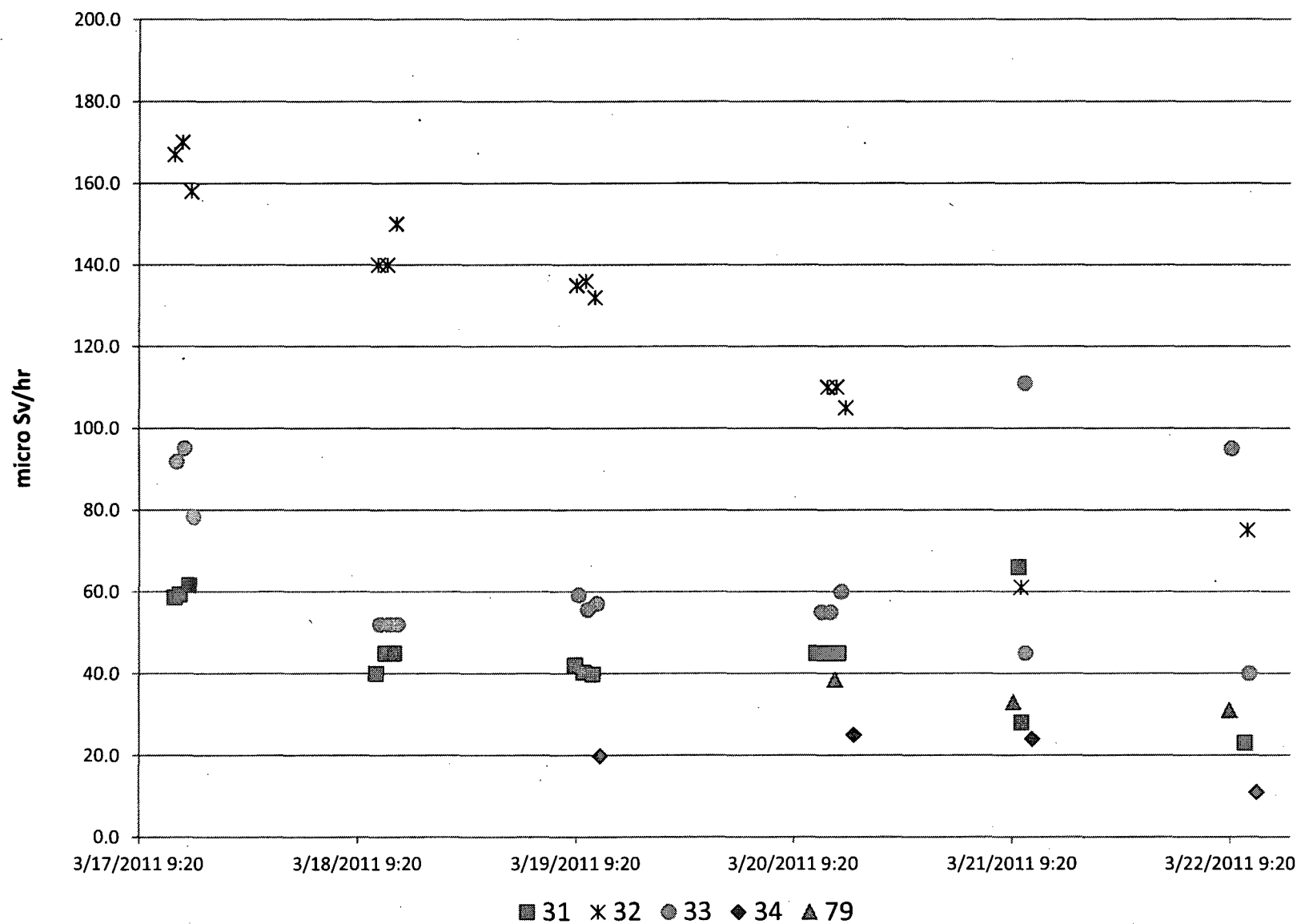
**From:** PMT01 Hoc  
**Sent:** Friday, March 25, 2011 6:07 AM  
**To:** GIS Hoc  
**Subject:** Updated MEXT data file

III/141

## MEXT Monitors in Group to the West of Fukushima NPP

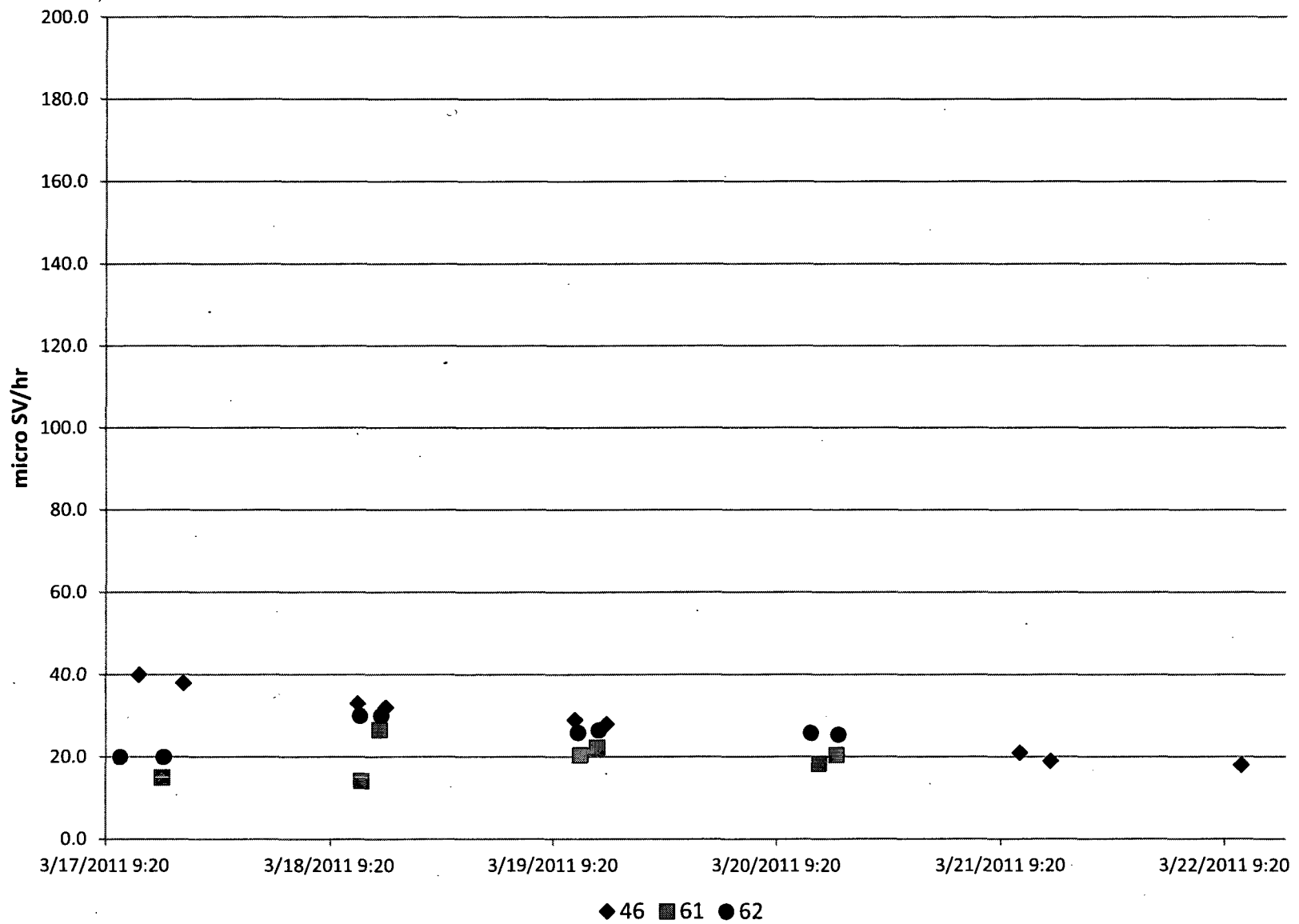


# MEXT Monitors in Cluster to the Northwest of Fukushima NPP

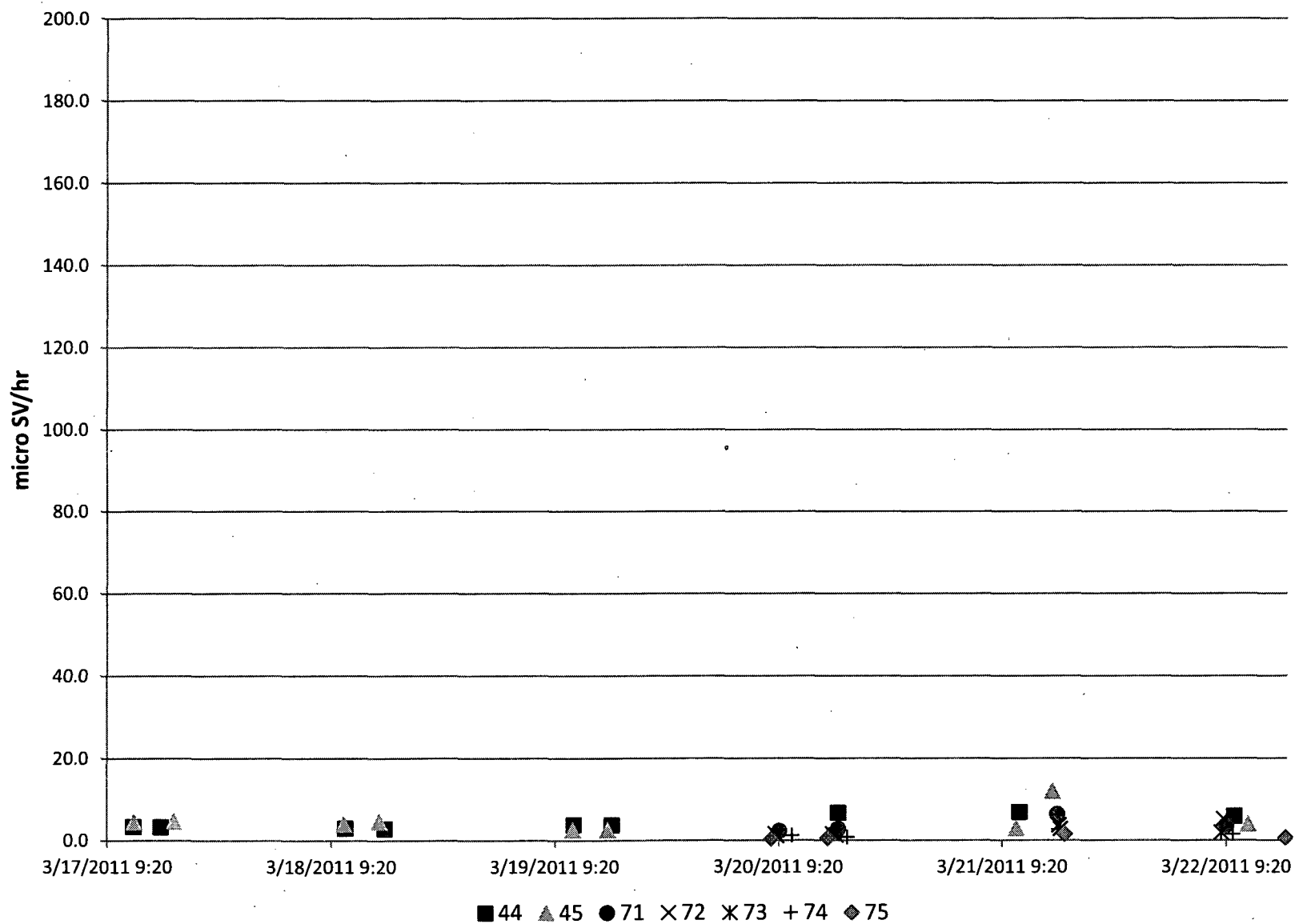




# MEXT Monitors to the Northwest of Fukushima NPP



# MEXT Monitors to the South of Fukushima NPP



---

**From:** PMT01 Hoc  
**Sent:** Friday, March 25, 2011 1:46 PM  
**To:** Hoc, PMT12  
**Cc:** GIS Hoc  
**Subject:** Last Weather Forecast for PMT-Meteorology  
**Attachments:** image001.png; image002.png

Folks:

Below is the last forecast (covering the period 1 AM, March 26, 2011 thru 3 PM, March 27, 2011) prepared by PMT-Meteorology based on the latest WRF model run for 25 March 2011, 06Z provided by NARAC and current conditions from the Japan Meteorology Agency station at Soma about 25 miles to the north of the Fukushima reactor site.

Please let me know if you have any questions

Thanks,

Mike Mazaika.

PMT – Meteorology

| Wind Vector | Current and Forecast Conditions  |
|-------------|--|
| →           | <u>Current conditions from JMA station (Soma) (Sat, 26 March 2011, 1 AM JST)</u><br>Temperature 36F. Winds SSW thru N for last several hours, light and variable (offshore)  |
| ↘           | <u>Forecast (9 PM, 25 March – 3 PM, 27 March) (from NARAC)</u><br>Winds generally NNW to W (offshore) thru the period.<br><br>Wind speeds fairly strong thru the period - ranging from about 11 to 21 mph thru about 3 PM on 26 March, increasing to between 25 and 32 mph thru 9 PM on March 26, decreasing to about 8 mph by about 6 AM on March 27, and then increasing again to between 13 and 20 mph for remainder of period.<br><br>Daytime high temperatures of about 39F to 41F; nighttime lows about 32F during period with rain and about 26F after clearing.<br><br>Generally light rain from about 9 PM on 25 March thru about 2 PM on 26 March. |

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Friday, March 25, 2011 7:56 PM  
**Subject:** Revised USNRC Earthquake-Tsunami Update -- 1800 EDT, March 25, 2011  
**Attachments:** USNRC Earthquake-Tsunami Update 032511 1800EDT(rev2).pdf

Resent to add new dose and evacuation information.  
Sorry for any confusion!

Attached, please find an 1800 EDT (March 25, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

**Please note that this information is "Official Use Only" and is only being shared within the federal family.**

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Sara

Sara K. Mroz  
Communications and Outreach  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[Sara.Mroz@nrc.gov](mailto:Sara.Mroz@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

III/143

---

**From:** ET02 Hoc  
**Sent:** Friday, March 25, 2011 3:21 PM  
**To:** Vaughan, Joel  
**Cc:** LIA03 Hoc; LIA02 Hoc  
**Subject:** LiaisonJapan

Joel,

Can you add the following people to the LiaisonJapan distro list:

Danielle Emche

Eric Stahl

Elmo Collins

Thanks

Cris Brown

III/144

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Saturday, March 26, 2011 4:38 AM  
**To:** Liaison Japan  
**Subject:** 3/26/2011 0430 NRC Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update 032611 0430EDT.docx

Attached is the 0430 3/26/2011 NRC Status Update.

Please let us know if you have any comments or edits you would like incorporated into the next update, which is currently scheduled to be released at 1800, 26 March, 2011.

Thank you,

-Jim

Jim Anderson  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[LIA.HOC@nrc.gov](mailto:LIA.HOC@nrc.gov)  
[James.anderson@nrc.gov](mailto:James.anderson@nrc.gov)

TII/145

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Saturday, March 26, 2011 6:02 PM  
**Subject:** 1800 EDT (March 26, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032611.1800EDT.pdf

Attached, please find an 1800 EDT (March 26, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

**Please note that this information is "Official Use Only" and is only being shared within the federal family.**

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Sara

Sara K. Mroz  
Communications and Outreach  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[Sara.Mroz@nrc.gov](mailto:Sara.Mroz@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

III/146



**Bano, Mahmooda**

**From:** Scott, Michael  
**Sent:** Sunday, March 27, 2011 6:14 PM  
**To:** Foggie, Kirk  
**Subject:** FW: 1800 EDT (March 27, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032711.1800EDT.docx

Latest version to provide to the Chairman.

---

**From:** LIA07 Hoc  
**Sent:** Sunday, March 27, 2011 6:00 PM  
**To:** Liaison Japan  
**Subject:** 1800 EDT (March 27, 2011) USNRC Earthquake/Tsunami Status Update

Attached, please find the latest status update for your reference.  
Please let me know if you have any changes that should be made for the next issue at 0600 EDT on March 28.  
Thank you,  
Nichole

III/147



**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Sunday, March 27, 2011 6:00 PM  
**To:** Liaison Japan  
**Subject:** 1800 EDT (March 27, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032711.1800EDT.docx

Attached, please find the latest status update for your reference.

Please let me know if you have any changes that should be made for the next issue at 0600 EDT on March 28.

Thank you,

Nichole

III/148

## Lee, Richard

---

**From:** Richard L Garwin [rlg2@us.ibm.com]  
**Sent:** Sunday, March 27, 2011 5:42 PM  
**To:** Binkley, Steve  
**Cc:** Brinkman, Bill; 'Binder, Jeffrey L.'; Hurlbut, Brandon; Sheron, Brian; Poneman, Daniel; 'Elizabeth.Connell@inl.gov'; 'Harold McFarlane'; 'Harold Denton'; Adams, Ian; 'John Holdren'; 'JOE H. PAYER'; Kelly, John E (NE); 'John Grossenbacher'; Owens, Missy; 'Per Peterson'; Lyons, Peter; 'Phil Finck'; 'Dick Garwin'; Lee, Richard; 'Bob Budnitz'; 'Rolando Szilard'; SCHU; Aoki, Steven; Koonin, Steven; 'Steve Fetter'; Binkley, Steve; DAgostino, Thomas  
**Subject:** Reducing oxygen in external water supply-- nitrogen sparging.

A moment on the web gives me this:  
Nitrogen Sparging and Blanketing of Water Storage Tanks

at <http://www.steamcycle.com/nitrogen.htm>

Please read and evaluate.

Dick Garwin

III/149

---

**From:** Hoc, PMT12  
**Sent:** Sunday, March 27, 2011 8:53 AM  
**To:** GIS Hoc

[http://www.mext.go.jp/english/radioactivity\\_level/detail/1304082.htm](http://www.mext.go.jp/english/radioactivity_level/detail/1304082.htm)

III/150

---

**From:** Emche, Danielle  
**Sent:** Monday, March 28, 2011 4:06 AM  
**To:** LIA03 Hoc  
**Subject:** Re: JAPANESE TRAVELER INFORMATION.docx

Well, you can try me. My phone doesn't seem to be working for calls from the US, though, so let's do an experiment. If you can't reach me, try Brooke next.  
Danielle  
Sent from an NRC BlackBerry.

---

**From:** LIA03 Hoc  
**To:** Emche, Danielle  
**Sent:** Mon Mar 28 03:59:06 2011  
**Subject:** JAPANESE TRAVELER INFORMATION.docx

As requested.

Whose number should I call for the 0500 call?

III / ISI

**King, Mark**

---

**From:** King, Mark  
**Sent:** Monday, March 28, 2011 8:15 AM  
**To:** Garmon, David  
**Cc:** Thorp, John  
**Subject:** FW: Can you get involved in this 0430 EDT (March 28, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032811.0430EDT.pdf

Dave, I wonder if you can get involved in **this** ---

"The Commission has established a **senior level agency task force** to conduct a methodical and systematic review of NRC processes and regulations with specific near-term and long-term objectives" – related to the Japan events.

Seems as the Issue For Resolution owner ...IOEB / Dave should be involved. – attend these task force meetings.  
Mark

---

**From:** LIA07 Hoc  
**Sent:** Monday, March 28, 2011 3:52 AM  
**Subject:** 0430 EDT (March 28, 2011) USNRC Earthquake/Tsunami Status Update

Attached, please find a 0430 EDT (March 28, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

**Please note that this information is "Official Use Only" and is only being shared within the federal family.**

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Caroline

Caroline Nguyen  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)  
[Caroline.Nguyen@nrc.gov](mailto:Caroline.Nguyen@nrc.gov)

III/152

---

**From:** Emche, Danielle  
**Sent:** Wednesday, March 30, 2011 9:50 AM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Consortium questions

I sent questions a few hours ago during Steve's shift, about the consortium call for tomorrow morning. Any answers?  
Danielle  
Sent from an NRC BlackBerry.

LII/IS3



---

**From:** LIA07 Hoc  
**Sent:** Wednesday, March 30, 2011 5:30 PM  
**To:** Andersen, James; Anderson, Joseph; Ash, Darren; Baggett, Steven; Barker, Allan; Batkin, Joshua; Boger, Bruce; Borchardt, Bill; Bradford, Anna; Brenner, Eliot; Smith, Brooke; Brown, Milton; Bubar, Patrice; Burns, Stephen; Camper, Larry; Carpenter, Cynthia; Castleman, Patrick; Ader, Charles; Casto, Chuck; Coggins, Angela; Collins, Elmo; ConE\_Resource; Copeland, Douglas; Correia, Richard; Craffey, Ryan; Dapas, Marc; Dean, Bill; Decker, David; Diaz-Sanabria, Yoira; Dickman-Disabled-11/14/2010, Paul; Dorman, Dan; Droggitis, Spiros; Dyer, Jim; English, Lance; ET02 Hoc; Evans, Michele; Franovich, Mike; Frye, Timothy; Garmon, David; Apostolakis, George; Gibbs, Catina; Giitter, Joseph; Gott, William; Grobe, Jack; Hahn, Matthew; Haney, Catherine; Harrington, Holly; Hipschman, Thomas; Hoc, PMT12; Holahan, Gary; Holahan, Patricia; HOO Hoc; Howe, Allen; Howell, Art; Howell, Linda; Issa, Alfred; Itzkowitz, Marvin; Foster, Jack; Jackson, Donald; Jaczko, Gregory; Johnson, Andrea; Johnson, Michael; Jones, Cynthia; Kahler, Robert; King, Mark; Foggie, Kirk; Kock, Andrea; Kozal, Jason; Leeds, Eric; LIA01 Hoc; LIA02 Hoc; LIA03 Hoc; LIA06 Hoc; LIA08 Hoc; LIA11 Hoc; Logaras, Haral; Loyd, Susan; Magwood, William; Maier, Bill; Marshall, Jane; Marshall, Michael; McCree, Victor; McDermott, Brian; McNamara, Nancy; Miller, Charles; Miller, Chris; Monninger, John; Morris, Scott; Nease, Rebecca; Nieh, Ho; NRCHQ; NSIR\_DDSP\_ILTAB\_Distribution; Ordaz, Vonna; Orders, William; OST05 Hoc; Ostendorff, William; Pace, Patti; Patel, Jay; Pearson, Laura; Pederson, Cynthia; Plisco, Loren; Powell, Amy; Quichocho, Jessie; R1 IRC; R2 IRC; R3 IRC; R4 IRC; Reddick, Darani; Reyes, Luis; Devercelly, Richard; Nelson, Robert; ROO hoc; Rothschild, Trip; RST01 Hoc; Satorius, Mark; Schmidt, Rebecca; Sharkey, Jeffry; Sheron, Brian; Sigmon, Rebecca; Snodderly, Michael; Sosa, Belkys; Speiser, Herald; Svinicki, Kristine; Tabatabai, Omid; Thoma, John; Thomas, Eric; Tifft, Doug; Kolb, Timothy; Ulses, Anthony; Nakanishi, Tony; Tracy, Glenn; Trapp; Trapp, James; Trojanowski, Robert; Uhle, Jennifer; Virgilio, Martin; Warnick, Greg; Warren, Roberta; Weber, Michael; Westreich, Barry; Wiggins, Jim; Cook, William; Williams, Kevin; Wittick, Brian; Woodruff, Gena; Zimmerman, Roy; Zimmerman, Roy; Zorn, Jason  
**Subject:** Change in Ops Center / CA Call

The CA briefing call will now take place once daily at 10am EDT. If conditions change, warranting an additional call or an adjustment in the call schedule, you will be notified.

Please share this information with anyone I may have missed who participates in the call.

Please let me know if there are any questions.

-Sara

Sara Mroz  
Executive Briefing Team Coordinator  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

FILED 154

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Monday, March 28, 2011 3:52 AM  
**Subject:** 0430 EDT (March 28, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032811.0430EDT.pdf

Attached, please find a 0430 EDT (March 28, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

**Please note that this information is "Official Use Only" and is only being shared within the federal family.**

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Caroline

Caroline Nguyen  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)  
[Caroline.Nguyen@nrc.gov](mailto:Caroline.Nguyen@nrc.gov)

III/155



**Garcia-Santos, Norma**

---

**From:** Ordaz, Vonna  
**Sent:** Tuesday, March 29, 2011 7:16 AM  
**To:** Weaver, Doug; Rahimi, Meraj; Waters, Michael; Benner, Eric; Pstrak, David; Garcia-Santos, Norma; White, Bernard; Easton, Earl; Bjorkman, Gordon; Einziger, Robert; Witt, Kevin  
**Subject:** Fw: 0430 EDT (March 29, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** NRC Status Update 3.29.11--0430.pdf

Japan status fyi. Note that they are starting to track dry cask storage.

Vonna

---

**From:** LIA07 Hoc  
**Cc:** LIA07 Hoc  
**Sent:** Tue Mar 29 04:39:00 2011  
**Subject:** 0430 EDT (March 29, 2011) USNRC Earthquake/Tsunami Status Update

Attached, please find a 0430 EDT (March 29, 2011) status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Jim

Jim Anderson  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)  
[James.anderson@nrc.gov](mailto:James.anderson@nrc.gov)

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Tuesday, March 29, 2011 6:36 PM  
**Subject:** 1800 EDT (March 29, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** USNRC Earthquake-Tsunami Update.032911.1800EDT.pdf

Attached, please find a 1800 EDT, March 29, 2011 status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

**Please note that this information is "Official Use Only" and is only being shared within the federal family.**

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Sara

Sara K. Mroz  
Communications and Outreach  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[Sara.Mroz@nrc.gov](mailto:Sara.Mroz@nrc.gov)  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)

111/157

---

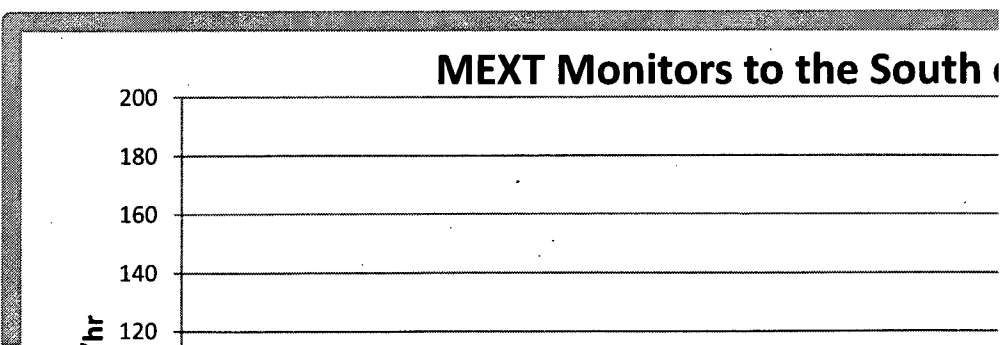
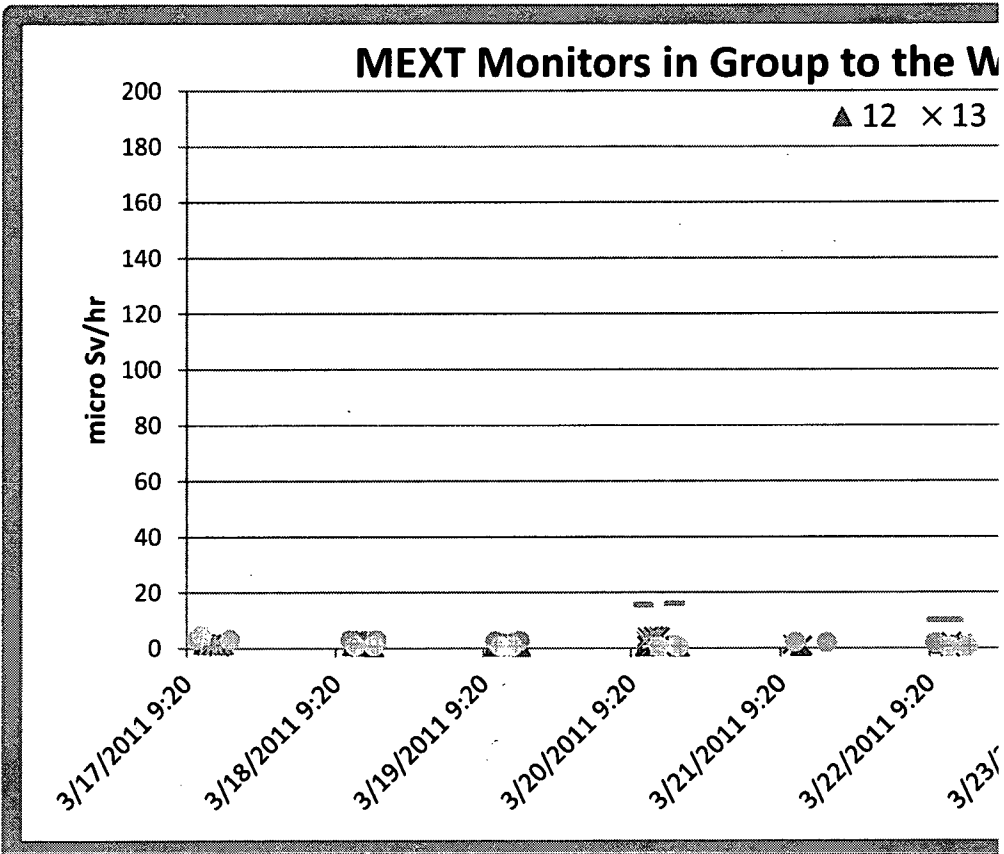
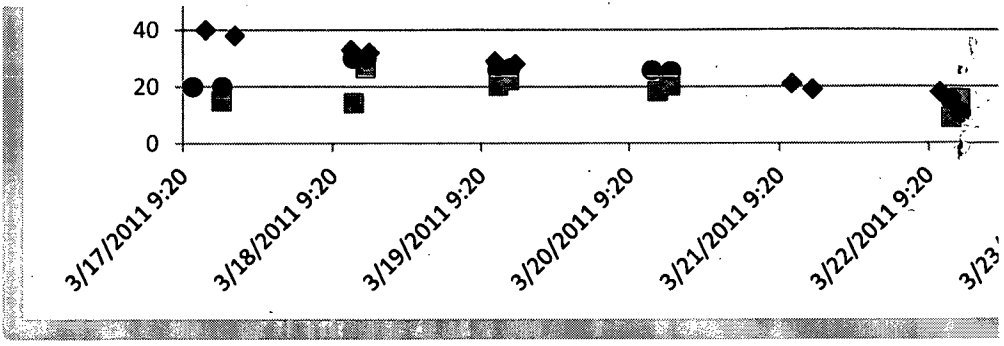
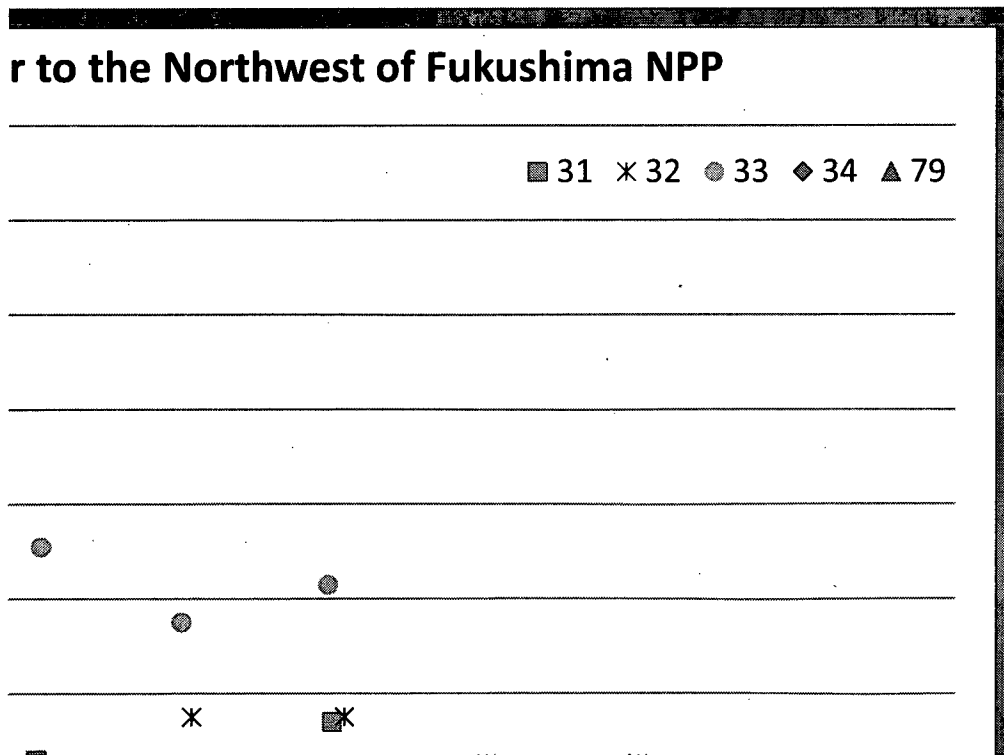
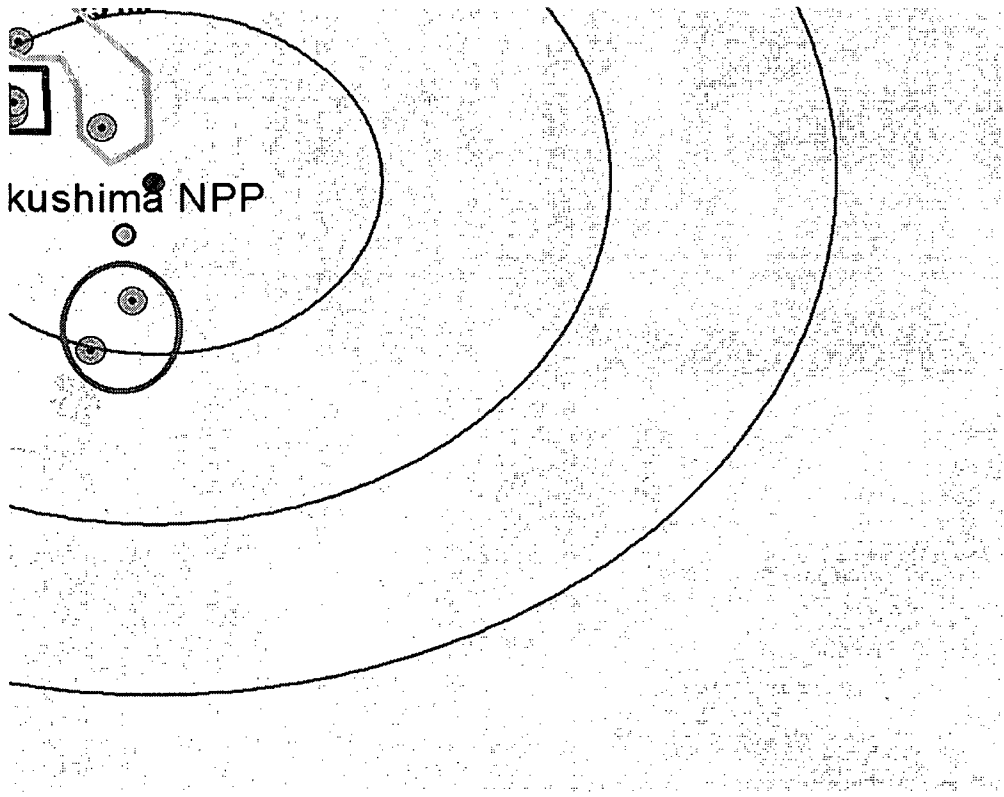
**From:** GIS Hoc  
**Sent:** Tuesday, March 29, 2011 12:42 AM  
**To:** PMT07 Hoc  
**Subject:** Emailing: Fukushima Offsite Monitoring Post Readings Roy Briefing.ppt  
**Attachments:** Fukushima Offsite Monitoring Post Readings Roy Briefing.ppt

The message is ready to be sent with the following file or link attachments:

Fukushima Offsite Monitoring Post Readings Roy Briefing.ppt

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

111/158



---

**From:** LIA02 Hoc  
**Sent:** Thursday, March 31, 2011 6:41 PM  
**To:** Salay, Michael  
**Cc:** LIA03 Hoc  
**Subject:** RE: Travel to Japan Checklist-UPDATED!.docx

Hi Michael- I know you will have a lot to do after your return and as you get ready for your departure. Could you please "reply all" to this email and send us your BB phone number, "in case of Emergency contact" for you, to include:

Name of Emergency contact,  
Phone #,  
Email address  
Snail mail address

Your dates of arrival at and departure from Japan.

Thank you.  
Mugeh  
On behalf of the International Liaison Team

LII/159

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Thursday, March 31, 2011 5:57 PM  
**To:** Liaison Japan  
**Subject:** Status Update - 1800 EDT, March 31, 2011  
**Attachments:** USNRC Earthquake-Tsunami Update.033111.1800EDT.docx

Attached is the latest Status Update.

Please let me know if you have any changes for the next issue (0430 EDT, April 1).

Thanks!

-Sara

LII 1140

**Trapp, James**

---

**From:** LIA07 Hoc  
**Sent:** Thursday, March 31, 2011 4:32 AM  
**To:** LIA07 Hoc  
**Subject:** 0430 EDT (March 31, 2011) USNRC Earthquake/Tsunami Status Update  
**Attachments:** NRC Status Update 3.31.11--0430.pdf

Attached, please find a 0430 EDT, March 31, 2011 status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

This update contains new clarifying information regarding the Unit 4 spent fuel pool that is less optimistic than information shared earlier today.

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

-Jim

Jim Anderson  
Executive Briefing Team Coordinator  
Office of Nuclear Security and Incident Response  
US Nuclear Regulatory Commission  
[LIA07.HOC@nrc.gov](mailto:LIA07.HOC@nrc.gov) (Operations Center)  
[james.anderson@nrc.gov](mailto:james.anderson@nrc.gov)

III/16/

---

**From:** PMT01 Hoc  
**Sent:** Thursday, March 31, 2011 1:23 PM  
**To:** GIS Hoc  
**Cc:** FOIA Response.hoc Resource  
**Subject:** Updated met conditions

Current Conditions @ 0200 JST: Light Winds from NW

4/1 0300 JST to 4/1 0900 JST:

Winds west to west-northwest (offshore)

Wind speeds between 6 – 13 mph

No precipitation is expected

4/1 1000 JST to 4/1 2200 JST:

Winds rotating clockwise to come out of the north, northeast, and eventually southeast.

Winds will be onshore during this time

Winds between 6 – 16 mph

No precipitation is expected

4/1 2300 JST – 4/2 1500 JST:

Winds rotating clockwise to flow mainly from the west (offshore)

No precipitation is expected

III/162