

F1 Issues

As of 6 January, 2015
Nuclear Regulation Authority (NRA), Japan

Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 from 22 December 2014 to 3 January 2015 are shown in the following table. All radionuclides (i.e., Cs-134, Cs-137, total Beta and H-3) remained low and stable in the period.

The following URL of the NRA website leads to details of monitoring results:
http://radioactivity.nsr.go.jp/en/contents/10000/9298/24/Sea_Area_Monitoring_20150106.pdf

| Sampling Date | Cs-134 (Bq/L) | | Cs-137 (Bq/L) | | *Total Beta (Bq/L) | | H-3 (Bq/L) | |
|---------------|---------------|-------|---------------|-------|--------------------|-------|------------|-------|
| | T-1 | T-2-1 | T-1 | T-2-1 | T-1 | T-2-1 | T-1 | T-2-1 |
| 22 Dec. | ND | ND | ND | ND | 14 | 12 | ND | ND |
| 23 Dec. | ND | ND | ND | ND | – | 13 | – | – |
| 24 Dec. | ND | ND | ND | ND | – | 12 | – | – |
| 25 Dec. | ND | ND | ND | ND | – | 12 | – | – |
| 26 Dec. | ND | ND | ND | ND | – | 15 | – | – |
| 27 Dec. | ND | ND | ND | ND | – | 9.9 | – | – |
| 28 Dec. | ND | ND | ND | ND | – | 14 | – | – |
| 29 Dec. | ND | ND | ND | ND | 15 | 8.5 | ND | ND |
| 30 Dec. | ND | ND | ND | ND | – | 14 | – | – |
| 31 Dec. | ND | ND | ND | ND | – | 12 | – | – |
| 1 Jan. | ND | ND | ND | ND | – | 14 | – | – |
| 2 Jan. | ND | ND | ND | ND | – | 10 | – | – |
| 3 Jan. | ND | ND | ND | ND | – | 9.0 | – | – |

ND: Under the limit of detection
(less than 1Bq/L for Cs-134/Cs-137; 5Bq/L for Total Beta; and 3Bq/L for H-3)
*Total Beta includes K-40 occurring naturally in seawater.

