

# 気仙沼湾水質分析結果概要

○調査日時 令和3年9月6日

○概要

- 1) 水温：表層で 20.8 ~ 21.7 °C，底層で 18.9 ~ 20.8 °C の範囲にあった。
- 2) 塩分：表層で 32.3 ~ 33.8，底層で 33.6 ~ 33.9 の範囲にあった。
- 3) プランクトン沈殿量は 1.8 ~ 8.8 ml/m<sup>3</sup> の範囲にあった。
- 4) 無機栄養塩：各項目は以下の範囲内にあった。

リン酸態リン (PO<sub>4</sub>-P) : 1.8 ~ 26.6 μg/L

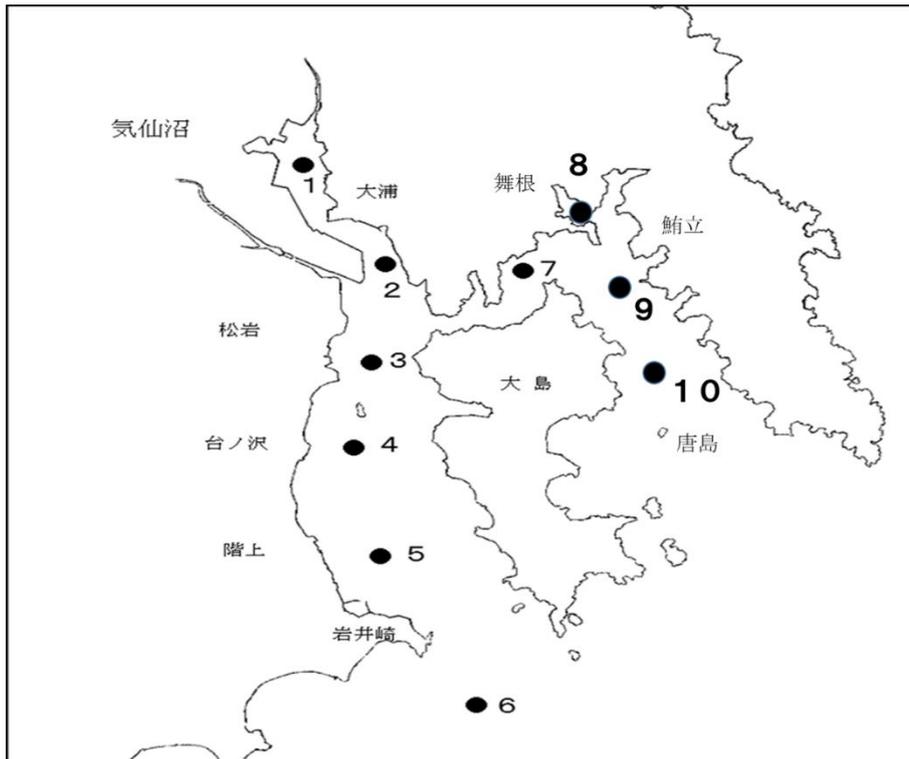
アンモニア態窒素 (NH<sub>4</sub>-N) : 1.4 ~ 20.5 μg/L

亜硝酸態窒素 (NO<sub>2</sub>-N) : 0.1 ~ 4.4 μg/L

硝酸態窒素 (NO<sub>3</sub>-N) : 1.4 ~ 38.3 μg/L

(三態窒素※ 4.4 ~ 55.4 μg/L)

※三態窒素とはアンモニア態窒素，亜硝酸態窒素，硝酸態窒素の合計です。



調査点図

○気仙沼湾水質分析結果

| 調査年月日：令和3年9月6日 |       |           |          |          |            |           |      |                              |                              |                              |                              |                                 |
|----------------|-------|-----------|----------|----------|------------|-----------|------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|
| 観測地点<br>(底)    | 時間    | 水深<br>(m) | 風向<br>風力 | 天候<br>雲量 | 透明度<br>(m) | 水温<br>(℃) | 塩分   | PO <sub>4</sub> -P<br>(μg/L) | (三 糖 窒 素 (μg/L))             |                              |                              | 水色                              |
|                |       |           |          |          |            |           |      |                              | NH <sub>4</sub> -N<br>(μg/L) | NO <sub>2</sub> -N<br>(μg/L) | NO <sub>3</sub> -N<br>(μg/L) | フラスコ沈殿量<br>(ml/m <sup>3</sup> ) |
| S t. 1<br>大浦   | 11:40 | 0         | -        | 曇        | 3.5        | 21.7      | 32.7 | 4.1                          | 2.0                          | 0.7                          | 32.8                         | 4.4                             |
|                | 1     | 10        | 0        | 10       |            | 21.2      | 33.2 | 5.6                          | 1.6                          | 0.4                          | 2.9                          |                                 |
|                | 2.5   |           |          |          |            | 20.9      | 33.5 | 7.1                          | 1.6                          | 0.4                          | 16.7                         |                                 |
|                | 5     |           |          |          |            | 20.9      | 33.6 | 2.5                          | 2.1                          | 1.6                          | 11.2                         |                                 |
|                | 底-1   |           |          |          |            | 20.3      | 33.6 | 26.6                         | 20.5                         | 0.4                          | 11.6                         |                                 |
| S t. 2<br>梶ヶ浦  | 11:30 | 0         | NE       | 曇        | 7.0        | 21.3      | 33.0 | 3.8                          | 1.6                          | 0.5                          | 7.1                          | 8.0                             |
|                | 1     | 10        | 1        | 10       |            | 21.1      | 33.4 | 3.2                          | 1.5                          | 0.5                          | 2.6                          |                                 |
|                | 2.5   |           |          |          |            | 21.1      | 33.6 | 2.9                          | 1.6                          | 0.6                          | 20.2                         |                                 |
|                | 5     |           |          |          |            | 20.9      | 33.7 | 3.2                          | 2.0                          | 0.8                          | 26.1                         |                                 |
|                | 底-1   |           |          |          |            | 20.3      | 33.7 | 11.1                         | 7.8                          | 0.7                          | 21.1                         |                                 |
| S t. 3<br>松岩   | 12:07 | 0         | NE       | 曇        | 5.0        | 21.1      | 32.4 | 7.0                          | 3.7                          | 0.7                          | 15.4                         | 8.8                             |
|                | 1     | 10        | 1        | 10       |            | 20.9      | 33.3 | 4.6                          | 2.8                          | 0.4                          | 13.0                         |                                 |
|                | 2.5   |           |          |          |            | 21.0      | 33.6 | 3.2                          | 1.4                          | 0.4                          | 25.7                         |                                 |
|                | 5     |           |          |          |            | 20.9      | 33.7 | 3.1                          | 2.7                          | 0.6                          | 28.5                         |                                 |
|                | 10    |           |          |          |            | 20.7      | 33.7 | 4.2                          | 3.3                          | 0.8                          | 27.9                         |                                 |
| S t. 4<br>台の沢  | 10:12 | 0         | NE       | 曇        | 7.0        | 20.3      | 33.7 | 5.1                          | 3.1                          | 0.6                          | 5.9                          |                                 |
|                | 1     | 10        | 1        | 10       |            | 20.9      | 32.6 | 4.0                          | 1.7                          | 0.5                          | 31.4                         | 5.3                             |
|                | 2.5   |           |          |          |            | 20.9      | 32.7 | 3.4                          | 2.2                          | 0.5                          | 17.3                         |                                 |
|                | 5     |           |          |          |            | 21.2      | 33.5 | 2.0                          | 1.9                          | 0.6                          | 29.6                         |                                 |
|                | 10    |           |          |          |            | 21.1      | 33.7 | 1.8                          | 1.9                          | 0.4                          | 23.0                         |                                 |
| S t. 5<br>二ツ根  | 9:05  | 0         | N        | 曇        | 4.5        | 20.8      | 33.8 | 4.6                          | 9.5                          | 1.4                          | 36.0                         |                                 |
|                | 1     | 10        | 1        | 10       |            | 20.8      | 32.3 | 3.6                          | 2.9                          | 0.4                          | 26.5                         | 1.8                             |
|                | 2.5   |           |          |          |            | 20.8      | 32.3 | 4.3                          | 1.5                          | 0.7                          | 18.4                         |                                 |
|                | 5     |           |          |          |            | 21.1      | 33.7 | 3.5                          | 1.6                          | 0.5                          | 23.2                         |                                 |
|                | 10    |           |          |          |            | 20.9      | 33.8 | 3.5                          | 4.2                          | 0.9                          | 28.8                         |                                 |
| S t. 6<br>岩井崎  | 9:45  | 0         | N        | 曇        | 9.0        | 20.8      | 33.3 | 2.9                          | 2.3                          | 0.6                          | 1.4                          | 3.5                             |
|                | 1     | 9         | 1        | 9        |            | 20.8      | 33.3 | 3.7                          | 2.2                          | 0.7                          | 3.0                          |                                 |
|                | 2.5   |           |          |          |            | 20.8      | 33.6 | 3.3                          | 3.0                          | 0.3                          | 37.4                         |                                 |
|                | 5     |           |          |          |            | 20.9      | 33.8 | 3.4                          | 2.4                          | 0.7                          | 33.5                         |                                 |
|                | 10    |           |          |          |            | 20.8      | 33.8 | 2.9                          | 2.4                          | 0.1                          | 14.8                         |                                 |
| S t. 7<br>日向貝  | 11:15 | 0         | NE       | 曇        | 9.0        | 20.8      | 33.9 | 4.7                          | 2.8                          | 0.7                          | 29.7                         |                                 |
|                | 1     | 10        | 1        | 10       |            | 21.0      | 33.6 | 2.0                          | 2.6                          | 0.6                          | 8.5                          | 1.8                             |
|                | 2.5   |           |          |          |            | 21.0      | 33.6 | 3.1                          | 2.6                          | 1.2                          | 23.4                         |                                 |
|                | 5     |           |          |          |            | 21.0      | 33.7 | 3.2                          | 2.2                          | 1.2                          | 10.6                         |                                 |
|                | 10    |           |          |          |            | 21.0      | 33.7 | 3.1                          | 2.8                          | 0.4                          | 28.8                         |                                 |
| S t. 8<br>舞根   | 11:02 | 0         | -        | -        | -          | 18.9      | 33.9 | 13.9                         | 12.7                         | 4.4                          | 38.3                         |                                 |
|                | 1     |           |          |          |            | 21.3      | 33.1 |                              |                              |                              |                              |                                 |
|                | 2.5   |           |          |          |            | 21.4      | 33.6 |                              |                              |                              |                              |                                 |
|                | 5     |           |          |          |            | 21.1      | 33.7 |                              |                              |                              |                              |                                 |
|                | 10    |           |          |          |            | 21.0      | 33.7 |                              |                              |                              |                              |                                 |
| S t. 9<br>鮎立   | 10:50 | 0         | -        | -        | -          | 19.8      | 33.8 |                              |                              |                              |                              |                                 |
|                | 1     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 2.5   |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 5     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 10    |           |          |          |            | 20.9      | 33.8 |                              |                              |                              |                              |                                 |
| S t. 10<br>唐島  | 10:38 | 0         | -        | -        | -          | 19.3      | 33.8 |                              |                              |                              |                              |                                 |
|                | 1     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 2.5   |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 5     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 10    |           |          |          |            | 20.9      | 33.8 |                              |                              |                              |                              |                                 |
| S t. 11<br>唐島  | 10:38 | 0         | -        | -        | -          | 19.3      | 33.8 |                              |                              |                              |                              |                                 |
|                | 1     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 2.5   |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 5     |           |          |          |            | 21.0      | 33.8 |                              |                              |                              |                              |                                 |
|                | 10    |           |          |          |            | 20.9      | 33.8 |                              |                              |                              |                              |                                 |