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## Influence of atmospheric inputs on the iron distribution in the subtropical North-East Atlantic Ocean

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Supplementary Table: Underway sea-surface DFe concentrations. In *italic* are indicated values for discrete Go-Flo sampling at 10 m. Standard deviation (STD) is calculated using triplicate analyses. STD values equal to 0.00 nM in the Table correspond to values lower than 0.005 nM. Dates are in DD/MM/YYYY format.

Date	Location	DFe (nM)	STD (nM)
<i>St 7-4, 10 m</i>	<i>30.00°N 20.00°W</i>	<i>0.54</i>	<i>0.03</i>
07/10/2002 21:00	30.63°N 20.00°W	0.56	0.04
07/10/2002 22:00	30.73°N 20.00°W	0.59	0.01
07/10/2002 23:00	30.83°N 20.00°W	0.59	0.02
08/10/2002 00:00	30.92°N 20.00°W	0.52	0.02
08/10/2002 01:00	31.02°N 20.00°W	0.51	0.02
08/10/2002 02:00	31.12°N 20.00°W	0.59	0.01
08/10/2002 03:00	31.22°N 20.00°W	0.51	0.01
08/10/2002 04:00	31.32°N 20.00°W	0.49	0.01
08/10/2002 05:00	31.42°N 20.00°W	0.47	0.01
08/10/2002 07:00	31.58°N 19.99°W	0.49	0.01
08/10/2002 08:00	31.67°N 20.00°W	0.50	0.04
<i>St 8-1, 10 m</i>	<i>31.71°N 20.00°W</i>	<i>0.50</i>	<i>0.04</i>
08/10/2002 16:00	31.71°N 20.48°W	0.38	0.02
08/10/2002 17:00	31.70°N 20.58°W	0.36	0.01
08/10/2002 18:00	31.70°N 20.68°W	0.39	0.01
08/10/2002 19:00	31.70°N 20.79°W	0.46	0.02
08/10/2002 20:00	31.71°N 20.89°W	0.48	0.04
08/10/2002 21:00	31.71°N 20.99°W	0.41	0.02
08/10/2002 22:00	31.72°N 21.08°W	0.36	0.02
08/10/2002 23:00	31.71°N 21.18°W	0.33	0.01
09/10/2002 00:00	31.71°N 21.28°W	0.25	0.02
09/10/2002 01:00	31.71°N 21.37°W	0.26	0.00
09/10/2002 02:00	31.70°N 21.45°W	0.22	0.01
09/10/2002 03:00	31.71°N 21.54°W	0.26	0.01
09/10/2002 04:00	31.71°N 21.62°W	0.21	0.01
09/10/2002 05:00	31.70°N 21.71°W	0.19	0.02
09/10/2002 06:00	31.70°N 21.80°W	0.16	0.00
<i>St 10-1, 10 m</i>	<i>31.70°N 22.00°W</i>	<i>0.19</i>	<i>0.00</i>
09/10/2002 19:00	31.71°N 22.33°W	0.17	0.00
09/10/2002 20:00	31.70°N 22.45°W	0.18	0.01
09/10/2002 21:00	31.71°N 22.58°W	0.18	0.01
09/10/2002 22:00	31.71°N 22.71°W	0.19	0.00
10/10/2002 10:00	31.61°N 24.01°W	0.32	0.03
10/10/2002 12:00	31.39°N 24.00°W	0.32	0.01
10/10/2002 14:00	31.17°N 24.00°W	0.31	0.01
10/10/2002 16:00	30.95°N 24.00°W	0.27	0.02
10/10/2002 18:00	30.72°N 24.01°W	0.28	0.03
10/10/2002 20:00	30.50°N 24.01°W	0.26	0.01
10/10/2002 22:00	30.29°N 24.01°W	0.27	0.01

11/10/2002 00:00	30.08°N 24.00°W	0.28	0.01
11/10/2002 02:00	29.87°N 24.00°W	0.26	0.02
11/10/2002 04:00	29.66°N 24.00°W	0.26	0.00
<i>St 13-1, 10 m</i>	<i>29.62°N 23.98°W</i>	<i>0.41</i>	<i>0.01</i>
11/10/2002 18:00	28.72°N 24.00°W	0.30	0.01
11/10/2002 20:00	28.50°N 24.00°W	0.24	0.01
11/10/2002 22:00	28.28°N 24.00°W	0.33	0.01
12/10/2002 00:00	28.05°N 24.00°W	0.30	0.01
12/10/2002 02:00	27.84°N 24.01°W	0.19	0.01
12/10/2002 04:00	27.62°N 24.00°W	0.18	0.00
12/10/2002 06:00	27.40°N 24.00°W	0.19	0.01
12/10/2002 08:00	27.18°N 24.01°W	0.16	0.00
12/10/2002 10:00	27.09°N 24.00°W	0.16	0.00
12/10/2002 12:00	26.98°N 24.00°W	0.23	0.01
12/10/2002 12:20	26.90°N 24.00°W	0.24	0.01
12/10/2002 14:00	26.83°N 24.00°W	0.30	0.02
<i>St 15-1, 10 m</i>	<i>26.78°N 24.00°W</i>	<i>0.52</i>	<i>0.00</i>
12/10/2002 18:00	26.55°N 24.00°W	0.30	0.01
12/10/2002 19:00	26.45°N 24.00°W	0.33	0.01
12/10/2002 21:00	26.24°N 24.00°W	0.32	0.00
12/10/2002 22:00	26.13°N 24.00°W	0.44	0.01
12/10/2002 23:00	26.02°N 24.00°W	0.34	0.01
13/10/2002 00:00	25.91°N 24.00°W	0.41	0.03
13/10/2002 01:00	25.80°N 24.00°W	0.33	0.01
13/10/2002 03:00	25.57°N 24.00°W	0.36	0.02
13/10/2002 04:00	25.45°N 24.00°W	0.32	0.02
13/10/2002 05:00	25.34°N 24.00°W	0.34	0.00
13/10/2002 07:00	25.11°N 24.00°W	0.37	0.01
<i>St 16-1, 10 m</i>	<i>25.00°N 24.00°W</i>	<i>0.37</i>	<i>0.01</i>
13/10/2002 12:00	25.00°N 23.70°W	0.38	0.01
13/10/2002 14:00	25.00°N °W	0.38	0.01
13/10/2002 18:00	25.00°N 23.04°W	0.44	0.01
13/10/2002 20:00	25.00°N 22.80°W	0.42	0.01
13/10/2002 22:00	25.00°N 22.56°W	0.44	0.02
14/10/2002 01:00	25.00°N 22.19°W	0.44	0.01
14/10/2002 02:00	25.00°N 22.07°W	0.55	0.02
14/10/2002 04:00	25.00°N 21.83°W	0.53	0.03
14/10/2002 06:00	25.00°N 21.59°W	0.60	0.02
<i>St 18-1, 10 m</i>	<i>25.00°N 21.37°W</i>	<i>0.63</i>	<i>0.02</i>
14/10/2002 11:00	24.99°N 21.15°W	0.37	0.01
14/10/2002 12:00	25.00°N 21.03°W	0.31	0.01
14/10/2002 14:00	25.00°N 20.80°W	0.30	0.01
14/10/2002 18:00	24.99°N 20.57°W	0.37	0.02
14/10/2002 19:00	24.99°N 20.45°W	0.54	0.04
14/10/2002 22:00	25.00°N 20.08°W	0.46	0.00
14/10/2002 23:00	25.01°N 19.97°W	0.33	0.01
15/10/2002 02:00	25.00°N 19.61°W	0.33	0.01

15/10/2002 03:00	24.99°N 19.49°W	0.31	0.01
15/10/2002 06:00	25.00°N 19.13°W	0.35	0.02
15/10/2002 07:00	25.00°N 19.02°W	0.31	0.00
<i>St 20-1, 10 m</i>	<i>25.00°N 18.86°W</i>	<i>0.35</i>	<i>0.05</i>
15/10/2002 12:00	25.00°N 18.86°W	0.47	0.01
15/10/2002 14:00	25.08°N 18.91°W	0.46	0.01
15/10/2002 16:00	25.18°N 18.97°W	0.44	0.01
15/10/2002 18:00	25.36°N 19.09°W	0.47	0.01
15/10/2002 20:00	25.54°N 19.21°W	0.61	0.02
15/10/2002 22:00	25.72°N 19.34°W	0.56	0.02
16/10/2002 00:00	25.91°N 19.46°W	0.65	0.01
16/10/2002 02:00	26.11°N 19.59°W	0.45	0.02
16/10/2002 04:00	26.29°N 19.72°W	0.55	0.02
16/10/2002 06:00	26.48°N 19.85°W	0.68	0.00
16/10/2002 08:00	26.66°N 19.96°W	0.60	0.02
<i>St 22-1, 10 m</i>	<i>26.70°N 19.99°W</i>	<i>0.29</i>	<i>0.00</i>
16/10/2002 12:00	26.99°N 20.00°W	0.35	0.02
16/10/2002 14:00	27.21°N 20.00°W	0.25	0.01
16/10/2002 16:00	27.45°N 20.00°W	0.34	0.01
16/10/2002 18:00	27.69°N 20.00°W	0.42	0.01
16/10/2002 20:00	27.92°N 20.00°W	0.57	0.01
16/10/2002 22:00	28.14°N 19.99°W	0.53	0.02
17/10/2002 00:00	28.37°N 20.01°W	0.56	0.01
17/10/2002 02:00	28.58°N 20.01°W	0.32	0.02
17/10/2002 04:00	28.77°N 20.01°W	0.29	0.02
17/10/2002 06:00	29.00°N 20.01°W	0.28	0.03
17/10/2002 08:00	29.22°N 20.01°W	0.30	0.00
<i>St 23-1, 10 m</i>	<i>29.25°N 20.03°W</i>	<i>0.19</i>	<i>0.00</i>
17/10/2002 12:00	29.50°N 20.40°W	0.27	0.01
17/10/2002 16:30	29.86°N 20.99°W	0.26	0.00
17/10/2002 20:00	30.23°N 21.58°W	0.41	0.02
17/10/2002 22:00	30.42°N 21.88°W	0.29	0.00
18/10/2002 00:00	30.62°N 22.20°W	0.38	0.01
18/10/2002 02:00	30.80°N 22.51°W	0.31	0.01
18/10/2002 06:00	31.17°N 23.10°W	0.21	0.01
<i>St 24-1, 10 m</i>	<i>31.39°N 23.47°W</i>	<i>0.28</i>	<i>0.00</i>
18/10/2002 12:00	31.63°N 23.86°W	0.31	0.02
18/10/2002 16:00	31.71°N 24.27°W	0.29	0.02
18/10/2002 18:00	31.72°N 24.48°W	0.32	0.01
18/10/2002 20:00	31.74°N 24.67°W	0.26	0.01
18/10/2002 21:30	31.68°N 24.73°W	0.23	0.01
18/10/2002 22:00	31.60°N 24.78°W	0.21	0.00
18/10/2002 22:30	31.57°N 24.81°W	0.22	0.01
18/10/2002 23:00	31.52°N 24.84°W	0.22	0.01
19/10/2002 00:00	31.44°N 24.89°W	0.27	0.00
19/10/2002 02:00	31.27°N 25.02°W	0.23	0.01
19/10/2002 04:00	31.08°N 25.15°W	0.23	0.00

19/10/2002 06:00	30.91°N 25.30°W	0.25	0.01
<i>St 26-1, 10 m</i>	<i>30.70°N 25.47°W</i>	<i>0.36</i>	<i>0.01</i>
19/10/2002 12:00	30.34°N 25.48°W	0.34	0.01
19/10/2002 14:00	30.07°N 25.48°W	0.34	0.03
19/10/2002 16:00	29.80°N 25.48°W	0.31	0.00
19/10/2002 18:00	29.52°N 25.48°W	0.32	0.01
19/10/2002 20:00	29.24°N 25.48°W	0.31	0.00
19/10/2002 22:00	28.94°N 25.48°W	0.33	0.00
20/10/2002 00:00	28.65°N 25.49°W	0.39	0.02
20/10/2002 02:00	28.36°N 25.50°W	0.32	0.00
20/10/2002 04:00	28.06°N 25.50°W	0.33	0.00
20/10/2002 06:00	27.62°N 25.50°W	0.35	0.01
20/10/2002 08:00	27.47°N 25.50°W	0.24	0.01
<i>St 27-1, 10 m</i>	<i>27.43°N 25.50°W</i>	<i>0.16</i>	<i>0.00</i>
20/10/2002 11:00	27.26°N 25.26°W	0.44	0.00
20/10/2002 13:00	27.08°N 24.99°W	0.44	0.02
20/10/2002 16:00	26.85°N 24.66°W	0.64	0.01
20/10/2002 18:00	26.65°N 24.38°W	0.63	0.00
20/10/2002 20:00	26.45°N 24.10°W	0.50	0.01
20/10/2002 22:00	26.26°N 23.82°W	0.46	0.02
21/10/2002 00:00	26.08°N 23.55°W	0.58	0.01
21/10/2002 02:00	25.89°N 23.29°W	0.51	0.05
21/10/2002 04:00	25.70°N 23.03°W	0.40	0.01
21/10/2002 06:00	25.51°N 22.77°W	0.51	0.01
21/10/2002 08:00	25.34°N 22.49°W	0.52	0.02
<i>St 29-1, 10 m</i>	<i>25.33°N 22.50°W</i>	<i>0.28</i>	<i>0.01</i>
21/10/2002 12:00	25.39°N 22.01°W	0.63	0.00
21/10/2002 14:00	25.41°N 21.76°W	0.48	0.02
21/10/2002 16:00	25.45°N 21.43°W	0.58	0.01
21/10/2002 18:00	25.48°N 21.10°W	0.31	0.01
21/10/2002 20:00	25.51°N 20.76°W	0.36	0.01
21/10/2002 22:00	25.56°N 20.42°W	0.37	0.01
22/10/2002 00:00	25.59°N 20.08°W	0.39	0.04
22/10/2002 02:00	25.63°N 19.75°W	0.32	0.00
22/10/2002 04:00	25.66°N 19.41°W	0.29	0.00
<i>St 31-1, 10 m</i>	<i>25.70°N 19.87°W</i>	<i>0.45</i>	<i>0.00</i>
22/10/2002 10:00	25.67°N 19.02°W	0.71	0.02
22/10/2002 12:00	25.68°N 19.05°W	0.69	0.00
22/10/2002 14:00	25.69°N 19.09°W	0.69	0.02
22/10/2002 16:00	25.65°N 19.04°W	0.72	0.03
22/10/2002 18:00	25.66°N 19.08°W	0.76	0.02
22/10/2002 19:00	25.64°N 19.04°W	0.54	0.01
<i>St 32-1, 10 m</i>	<i>25.64°N 19.39°W</i>	<i>0.36</i>	<i>0.01</i>
22/10/2002 21:00	25.78°N 18.92°W	0.68	0.04
23/10/2002 00:00	26.11°N 18.57°W	0.54	0.02

23/10/2002 02:00	26.34°N 18.36°W	0.53	0.02
23/10/2002 04:00	26.56°N 18.15°W	0.40	0.01
<i>St 33-1, 10 m</i>	<i>27.27°N 17.73°W</i>	<i>0.39</i>	<i>0.01</i>
23/10/2002 11:00	27.31°N 17.69°W	0.74	0.00
23/10/2002 12:00	27.46°N 17.66°W	0.58	0.00
23/10/2002 14:00	27.75°N 17.61°W	0.68	0.02
23/10/2002 16:00	28.03°N 17.59°W	0.69	0.01
23/10/2002 18:00	28.29°N 17.54°W	0.63	0.02
23/10/2002 22:00	28.85°N 17.48°W	0.29	0.00
24/10/2002 00:00	29.14°N 17.48°W	0.41	0.01
24/10/2002 02:00	29.42°N 17.49°W	0.36	0.00
24/10/2002 04:00	29.70°N 17.50°W	0.31	0.02
24/10/2002 06:00	29.99°N 17.50°W	0.33	0.00
<i>St 34-1, 10 m</i>	<i>30.00°N 17.50°W</i>	<i>0.13</i>	<i>0.00</i>
24/10/2002 18:00	30.16°N 17.47°W	0.26	0.01
24/10/2002 22:00	30.74°N 17.33°W	0.24	0.02
25/10/2002 02:00	31.28°N 17.21°W	0.28	0.01
25/10/2002 06:00	31.84°N 17.07°W	0.27	0.00
25/10/2002 08:00	32.11°N 17.01°W	0.24	0.01
26/10/2002 12:00	32.78°N 16.30°W	0.17	0.02
26/10/2002 16:00	32.98°N 15.66°W	0.12	0.00
26/10/2002 20:00	33.17°N 15.04°W	0.11	0.00
27/10/2002 04:00	33.54°N 13.77°W	0.17	0.00
<i>St 35-1, 10 m</i>	<i>33.70°N 13.22°W</i>	<i>0.11</i>	<i>0.00</i>
27/10/2002 12:00	33.90°N 12.60°W	0.07	0.00
27/10/2002 16:00	34.10°N 11.93°W	0.07	0.00
27/10/2002 20:00	34.29°N 11.25°W	0.15	0.01
28/10/2002 00:00	34.51°N 10.55°W	0.12	0.01
28/10/2002 04:00	34.72°N 9.80°W	0.11	0.01
28/10/2002 08:00	34.95°N 9.05°W	0.11	0.00
28/10/2002 12:00	35.16°N 8.33°W	0.44	0.02
28/10/2002 16:00	35.37°N 7.63°W	0.59	0.00
28/10/2002 20:00	35.54°N 7.02°W	0.26	0.02
29/10/2002 00:00	35.70°N 6.48°W	5.90	0.32
29/10/2002 04:00	35.87°N 5.93°W	6.99	0.52
29/10/2002 08:00	35.98°N 5.20°W	6.22	0.45
29/10/2002 12:00	36.15°N 4.45°W	0.84	0.00

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