

MON-T-2

In-situ Water Quality Observation Results

1999/02/09,10,11		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1
Sal.(‰)	Upper Layer	0.0	-	-	0.0	0.0	0.2	3.0	3.5	4.0	11.7	28.8	31.2
	Lower Layer	0.0	-	-	0.0	0.0	0.3	3.0	3.5	4.4	20.4	30.5	31.2
Temp.(°C)	Upper Layer	24.2			24.5	24.5	26.2	25.2	24.5	24.1	23.8	22.0	24.4
	Lower Layer	24.1	27.0	11.5	24.5	23.9	24.0	23.9	23.9	23.5	23.7	23.1	22.9
pH	Upper Layer	7.5			8.0	8.3	8.3	7.7	7.6	7.7	8.1	8.4	8.4
	Lower Layer	7.0	7.0	7.5	8.0	8.1	8.1	7.6	7.4	8.1	8.1	8.4	8.4
DO(mg/L)	Upper Layer	8.4			8.1	8.5	8.8	8.2	7.7	8.2	7.9	8.2	7.5
	Lower Layer	8.5	7.8	6.5	8.0	8.2	8.2	8.0	8.1	8.5	7.3	8.8	6.2
Turb.(NTU)	Upper Layer	32	-	-	114	88	53	4	3	14	5	10	10
	Lower Layer	47	-	-	115	92	54	5	4	10	7	10	10
Transparency(m)		1.0	-	-	-	-	-	2.0	2.0	2.0	2.2	2.0	2.0

1999/03/02,03		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1
Sal.(‰)	Upper Layer	0.0	-	-	0.0	0.0	0.7	2.6	3.3	3.7	3.5	6.2	31.3
	Lower Layer	0.0	-	-	0.0	0.0	0.7	3.1	3.6	3.7	9.0	29.3	32.2
Temp.(°C)	Upper Layer	28.9			28.1	27.6	27.7	27.5	27.4	27.8	27.9	27.6	26.2
	Lower Layer	27.8	28.5	29.2	26.7	26.6	27.0	26.8	26.5	27.8	27.4	25.2	24.5
pH	Upper Layer	9.2			8.3	8.2	7.9	7.2	6.6	7.4	6.7	7.6	8.0
	Lower Layer	8.6	7.6	7.7	7.9	7.4	7.7	7.2	7.3	7.5	7.4	7.9	8.0
DO(mg/L)	Upper Layer	8.1			7.5	6.6	6.4	6.7	5.4	7.5	5.6	6.8	5.8
	Lower Layer	8.0	7.2	9.7	6.7	6.0	5.8	6.5	5.1	7.3	5.2	6.0	6.1
Turb.(NTU)	Upper Layer	27	-	-	33	60	15	3	6	5	3	7	0
	Lower Layer	44	-	-	33	60	13	3	5	4	10	8	0
Transparency(m)		0.6	-	-	0.4	-	-	-	-	-	2.0	2.0	7.0

1999/04/11,12		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1
Sal.(‰)	Upper Layer	0.0	-	-	0.0	0.0	1.4	3.1	4.9	3.4	4.4	4.8	23.7
	Lower Layer	0.0	-	-	0.0	0.0	1.4	22.5	24.0	4.5	5.1	6.7	33.1
Temp.(°C)	Upper Layer	21.0			21.0	20.9	21.0	21.0	20.6	20.0	20.1	20.0	21.1
	Lower Layer	21.0	19.3	19.0	21.0	21.0	21.1	22.5	22.5	20.4	20.2	19.7	21.5
pH	Upper Layer	7.6			7.6	7.8	7.4	7.8	6.8	6.9	7.1	7.1	8.1
	Lower Layer	7.8	7.5	7.6	7.9	7.8	7.4	7.9	7.1	7.2	6.8	6.8	8.0
DO(mg/L)	Upper Layer	9.3			9.8	9.8	10.0	9.8	10.3	11.0	9.5	10.0	9.4
	Lower Layer	8.8	7.1	5.2	9.8	10.4	9.6	8.6	9.9	9.5	9.8	10.6	9.1
Turb.(NTU)	Upper Layer	-	-	-	-	-	-	-	-	-	-	-	-
	Lower Layer	-	-	-	-	-	-	-	-	-	-	-	-
Transparency(m)		-	-	-	-	-	-	-	-	-	-	-	-

1999/05/17,18		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1
Sal.(‰)	Upper Layer	0.0	-	-	0.0	0.0	1.0	3.5	5.2	5.4	5.8	8.1	24.8
	Lower Layer	0.0	-	-	0.0	0.0	1.2	4.0	8.4	5.7	5.8	25.0	29.2
Temp.(°C)	Upper Layer	18.2			18.4	18.3	18.3	18.1	18.2	18.3	17.9	17.3	18.2
	Lower Layer	18.2	15.0	15.0	19.0	18.3	18.3	18.0	18.6	18.2	17.9	17.3	17.7
pH	Upper Layer	7.0	-	-	7.3	7.2	7.1	7.7	7.6	7.3	8.1	7.8	8.1
	Lower Layer	6.9	-	-	7.2	7.5	6.9	7.6	7.7	7.5	7.8	7.9	8.3
DO(mg/L)	Upper Layer	10.7	-	-	10.9	10.4	7.4	10.4	11.1	10.4	9.6	9.1	10.2
	Lower Layer	10.7	-	-	10.6	11.2	9.9	11.7	10.8	10.4	10.4	9.5	8.7
Turb.(NTU)	Upper Layer	-	-	-	-	-	-	-	-	-	-	-	-
	Lower Layer	-	-	-	-	-	-	-	-	-	-	-	-
Transparency(m)		0.4	-	-	-	-	-	-	-	-	1.0	1.2	3.0

1999/06/23,24		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1
Sal.(‰)	Upper Layer	0.0	-	-	0.1	0.3	0.3	0.7	3.2	3.1	3.7	4.1	19.4
	Lower Layer	0.0	-	-	0.2	0.3	0.7	6.3	6.6	4.2	4.7	4.1	29.1
Temp.(°C)	Upper Layer	15.0			14.8	14.9	14.8	14.8	14.9	14.4	15.2	15.3	15.0
	Lower Layer	15.0	14.5	14.2	14.7	14.9	14.8	13.9	13.8	14.7	14.8	15.2	14.4
pH	Upper Layer	6.9			6.6	6.5	6.8	7.0	7.5	7.1	6.8	6.6	7.6
	Lower Layer	6.9	7.8	7.9	6.7	6.6	6.8	7.0	7.0	6.8	6.9	6.9	7.4
DO(mg/L)	Upper Layer	9.0			10.1	10.3	11.3	12.3	11.2	11.2	12.8	10.0	8.6
	Lower Layer	9.1	8.5	5.8	10.3	10.3	10.0	9.5	9.6	11.1	11.2	10.3	6.4
Turb.(NTU)	Upper Layer	-	-	-	-	-	-	-	-	-	-	-	-
	Lower Layer	-	-	-	-	-	-	-	-	-	-	-	-
Transparency(m)		0.3	7.5(cm)	8.0(cm)	-	-	-	-	-	3.7	3.5	0.9	2.5

1999/07/20,21		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1'
Sal.(‰)	Upper Layer	0.0	-	-	0.1	0.4	0.4	1.7	2.4	2.6	2.8	2.1	5.5
	Lower Layer	0.0	-	-	0.1	0.5	0.4	1.7	2.3	2.6	3.0	2.1	8.3
Temp.(°C)	Upper Layer	14.0	-	-	14.2	14.1	14.1	13.9	14.1	13.9	14.0	13.2	13.5
	Lower Layer	14.0	-	-	14.2	14.1	14.1	13.9	14.1	13.9	14.0	13.2	13.5
pH	Upper Layer	7.5	-	-	6.7	6.9	6.8	7.1	6.9	7.0	6.6	7.0	7.0
	Lower Layer	7.3	-	-	6.8	6.7	6.8	7.0	7.2	6.9	6.7	7.0	7.2
DO(mg/L)	Upper Layer	3.9	-	-	3.8	3.8	3.8	3.9	3.6	4.2	3.9	3.8	4.0
	Lower Layer	3.6	-	-	3.8	3.9	3.8	3.8	4.5	4.2	4.0	3.7	4.3
Turb.(NTU)	Upper Layer	101	-	-	209	125	115	203	11	15	28	138	72
	Lower Layer	119	-	-	199	132	110	213	12	17	37	150	145
Transparency(m)		0.2	17(cm)	7(cm)	0.1	0.1	0.3	0.1	-	1.0	0.8	0.2	0.3

1999/08/23,24		R-1	R-2	R-3	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	O-1'
Sal.(‰)	Upper Layer	0.0			0.0	0.2	0.3	0.4	0.9	1.8	2.1	2.3	10.9
	Lower Layer	0.0	-	-	0.0	0.2	0.3	0.4	0.9	1.8	2.3	27.7	29.5
Temp.(°C)	Upper Layer	15.8			14.7	14.4	14.5	14.2	14.0	14.1	14.4	14.4	14.0
	Lower Layer	15.8	17.2	14.5	14.7	14.4	14.5	14.2	14.0	14.1	14.3	13.1	12.9
pH	Upper Layer	6.5			6.8	6.5	6.6	6.9	7.3	6.7	6.9	7.0	7.5
	Lower Layer	7.7	7.8	7.7	6.8	6.6	6.6	6.8	7.3	6.5	7.0	7.2	7.7
DO(mg/L)	Upper Layer	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Lower Layer	0.0	6.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turb.(NTU)	Upper Layer	-	-	-	-	-	-	-	-	-	-	-	-
	Lower Layer	-	-	-	-	-	-	-	-	-	-	-	-
Transparency(m)		0.4	0.3	0.1	0.1	0.2	0.3	-	-	-	0.7	0.8	1.3