

1980年1~12月西北太平洋月平均表层水温距平(°C)

站号	纬度	经度	月	1	2	3	4	5	6	7	8	9	10	11	12
1	45°N	150°E		0.7	0.6	0.0	0.3	-0.4	-1.6	-1.7	-1.6	-0.6	-0.3	-0.7	0.1
2		155		0.3	-0.1	-0.2	-0.4	-0.6	-1.1	-0.5	0.7	-0.1	-1.3	-1.2	-0.2
3		160		1.3	0.1	-0.5	-0.3	-0.9	-1.0	0.0	0.5	0.1	-1.9	-0.7	0.6
4		165		0.4	-0.5	-0.3	-0.2	-0.9	-1.2	-0.6	-0.1	0.5	-0.8	-0.4	1.7
5		170		0.7	-0.8	-0.8	-0.9	-1.5	-1.3	-1.2	0.1	0.3	-1.3	-0.8	-0.2
6		175		0.1	0.1	-1.0	-1.4	-1.6	-1.3	-3.6	0.0	-0.1	-1.8	-1.2	-1.1
7		180		-0.1	-0.7	-0.6	-1.2	-1.1	-0.9	-0.8	-0.5	-0.2	-1.5	-1.7	-0.6
8	40°E	145°E		2.9	3.5	1.6	0.3	0.7	0.5	-1.9	-2.4	-1.3	0.2	-2.2	-3.2
9		150		1.6	0.6	1.4	1.4	0.3	1.9	1.2	-0.6	-0.5	0.7	0.7	1.5
10		155		0.3	0.6	-1.5	-0.8	-2.0	0.2	-0.3	-1.6	-0.6	-0.6	0.0	-0.3
11		160		0.1	-0.6	0.4	-0.1	-0.5	-1.0	-1.2	-0.5	-0.3	0.5	0.3	-0.2
12		165		0.1	0.2	-0.5	-0.5	-0.2	0.7	0.2	0.9	0.0	-0.3	0.3	0.5
13		170		0.5	-0.7	0.4	0.5	-0.7	-0.5	-0.2	-0.7	-1.1	-1.1	0.8	0.9
14		175		0.6	-1.0	-0.8	-0.7	-1.0	0.5	0.9	-0.1	-1.4	-0.7	0.6	-1.0
15		180		0.8	-0.7	-1.1	-0.9	-1.0	-0.2	0.6	-0.1	-0.8	-0.7	-0.2	-0.4
16	35°N	140°E		0.5	-0.7	-0.7	-0.6	0.2	-1.3	-0.9	-2.3	-0.6	0.3	-0.7	0.3
17		145		1.1	1.0	0.6	0.0	-0.4	2.2	0.8	-0.2	0.6	0.6	0.2	0.3
18		150		0.5	0.8	0.8	0.5	0.5	1.9	0.9	-0.2	0.5	0.5	0.9	0.6
19		155		0.9	0.7	0.6	0.3	1.3	2.4	0.5	0.1	0.1	0.1	0.7	0.9
20		160		0.8	1.0	0.9	-0.2	0.6	1.3	0.5	-0.7	-0.6	0.0	-0.1	-1.3
21		165		-0.1	0.0	0.1	0.2	0.2	1.0	0.2	-0.5	-0.6	0.2	1.1	-0.2
22		170		0.2	0.2	-0.2	-0.2	0.0	1.5	0.1	-0.4	-0.8	1.3	0.7	0.1
23		175		0.6	0.2	0.2	-0.1	-0.2	0.2	-0.6	-1.0	-1.5	-0.4	1.3	0.1
24		180		0.0	-0.5	-0.4	-0.6	0.0	1.1	-0.1	-0.2	-0.7	-1.0	-0.1	-1.4
25	30°N	125°E		-0.5	-1.0	-2.2	-2.1	-1.5	1.0	0.0	-1.3	-0.5	-0.6	-0.4	-1.2
26		130		-0.4	-0.7	0.7	0.9	0.8	0.9	0.8	0.4	0.2	0.3	0.2	0.8
27		135		0.5	0.3	0.5	0.3	-0.4	1.4	0.5	0.9	0.9	0.3	-0.1	-0.1
28		140		0.4	0.8	0.1	0.0	-0.1	1.3	0.8	0.6	0.8	0.2	0.3	0.6
29		145		0.2	-0.2	0.2	-0.5	-0.9	1.2	0.6	0.4	0.3	0.0	0.4	0.6
30		150		0.6	-0.3	0.0	-0.4	-0.1	1.9	1.0	0.0	0.2	-0.5	-0.4	-0.1
31		155		0.0	-0.2	-0.1	0.7	0.6	1.1	0.7	0.3	0.5	0.0	0.0	0.4

续表

站号	纬度	月 经度	1	2	3	4	5	6	7	8	9	10	11	12
32		160	-0.2	-0.5	0.2	-0.3	-0.1	0.9	0.9	-0.4	0.3	0.5	0.3	0.1
33		165	-0.4	-0.7	0.0	-0.1	0.1	0.5	0.7	-0.1	0.2	0.6	0.8	0.1
34		170	-0.9	-0.9	-0.7	-0.1	-0.7	0.3	0.8	-0.3	-0.2	1.0	0.7	-0.1
35		175	-1.0	-1.0	-0.5	0.3	-0.3	0.3	-0.2	-0.4	-0.1	1.1	0.6	-0.5
36		180	-1.1	-1.1	-0.3	-0.7	-0.6	-0.3	-0.5	-0.5	-0.5	0.3	0.1	-0.8
37	25°N	125°E	-0.1	-0.3	0.8	0.8	0.0	0.7	0.2	0.6	0.2	0.2	0.3	0.0
38		130	0.0	-0.1	-0.4	0.4	0.6	1.1	0.2	1.3	0.8	0.2	0.5	-0.1
39		135	-0.7	0.8	0.2	-0.4	-0.2	1.1	0.5	1.3	0.8	0.2	0.5	-0.3
40		140	0.1	0.3	0.3	-0.4	-0.3	0.7	0.7	1.4	0.8	-0.4	0.2	0.4
41		145	-0.5	-0.3	-0.8	-0.8	-1.1	0.6	0.6	0.4	0.8	0.1	0.2	0.0
42		150	-0.8	-0.1	0.2	0.0	0.4	0.3	0.8	-0.3	0.4	-0.8	0.3	0.8
43		155	-0.8	-0.5	-0.3	-0.4	0.5	-0.3	0.6	0.3	0.5	0.3	0.5	-0.2
44		160	-0.5	-0.7	-0.4	-0.4	0.2	-0.4	0.5	0.3	0.4	0.5	0.7	0.2
45		165	-1.1	-0.6	0.0	-0.4	-0.2	-0.7	0.3	0.5	0.5	0.7	0.6	0.8
46		170	-1.2	-0.8	-0.4	-0.4	-0.1	-0.7	0.5	0.3	0.7	0.7	0.6	0.1
47		175	-1.4	-1.2	0.0	-0.7	-0.9	-0.8	0.1	0.5	0.3	0.9	0.6	0.8
48		180	-1.0	-1.2	-0.3	-1.0	0.3	-0.4	-0.1	0.5	0.5	0.8	0.5	0.5
49	20°N	120°E	0.1	-0.6	0.4	0.6	0.1	0.1	-0.2	0.2	0.3	0.7	0.0	0.0
50		125	0.8	0.2	0.3	-0.7	-0.3	0.1	-0.4	0.8	0.7	0.0	0.3	0.6
51		130	0.4	0.1	-0.4	0.0	-0.5	0.1	-0.1	0.8	0.1	0.6	0.5	0.3
52		135	-0.3	0.3	0.1	-0.3	0.0	-0.1	0.1	0.8	0.7	0.4	0.5	0.5
53		140	-0.4	-0.3	-0.6	-0.5	-0.2	-0.2	0.4	0.7	0.7	0.3	0.6	0.4
54		145	-0.7	-0.3	-0.4	-0.2	0.0	-0.1	0.2	0.6	0.5	0.0	0.6	0.4
55		150	-0.5	-0.8	-0.2	-0.3	-0.1	0.0	0.2	0.4	0.5	0.4	0.4	0.5
56		155	-0.4	-0.7	-0.6	-0.2	0.1	-0.4	0.1	0.1	0.1	0.2	0.3	0.3
57		160	-0.6	-0.5	-0.5	-0.4	0.0	-0.6	0.3	0.2	0.1	0.6	0.3	0.3
58		165	-0.5	-0.8	-0.1	-0.7	0.0	-0.5	0.1	0.3	0.2	0.7	0.2	0.5
59		170	-0.7	-0.3	-0.2	-0.3	-0.3	-0.6	0.1	0.2	0.3	0.7	0.4	0.8
60		175	-0.4	-0.6	0.4	-0.6	-0.3	-0.7	0.2	0.4	0.5	0.6	0.2	0.8
61		180	-0.3	-1.1	0.1	-0.5	0.1	-0.5	0.2	0.3	0.7	0.5	0.0	0.4

1980年1~12月西北太平洋月平均表层水温(°C)

站号	纬度	经度	月	1	2	3	4	5	6	7	8	9	10	11	12
1	45°N	150°E		2.9	1.9	1.2	1.9	2.6	3.8	7.4	10.0	11.0	9.2	5.6	3.8
2		155		3.2	1.9	1.7	1.9	3.0	4.8	9.4	12.4	12.9	9.1	6.1	4.3
3		160		5.7	3.5	2.6	3.1	3.6	5.6	10.5	13.8	14.4	9.9	7.9	6.7
4		165		5.5	3.8	3.7	4.0	4.2	5.4	9.4	13.4	14.3	10.9	8.5	8.1
5		170		5.9	3.8	3.4	3.5	3.7	5.5	8.6	13.2	13.6	10.0	7.7	6.3
6		175		6.2	5.6	4.2	3.9	4.5	6.3	9.8	13.6	13.5	9.7	7.8	6.1
7		180		6.5	5.4	5.4	4.8	5.6	7.0	9.9	13.4	13.6	10.1	7.5	7.1
8	40°N	145°E		11.7	10.6	7.9	8.0	11.4	15.0	16.4	19.4	19.4	18.0	12.5	8.0
9		150		12.0	9.5	10.0	11.0	12.0	16.9	20.1	21.4	20.6	18.9	16.0	13.8
10		155		11.8	10.6	8.2	9.6	10.2	15.0	18.0	19.9	20.4	18.1	16.0	12.8
11		160		11.7	9.5	10.3	10.3	11.5	13.0	16.1	20.3	20.0	18.8	16.1	13.1
12		165		11.5	10.5	9.5	10.0	11.7	14.5	17.3	21.7	20.2	17.9	15.9	13.6
13		170		12.6	11.9	11.3	11.7	11.8	13.4	16.9	20.0	19.0	16.9	16.6	14.7
14		175		12.4	10.1	10.1	10.5	11.5	14.5	18.1	20.5	18.7	17.0	16.0	12.3
15		180		12.8	10.5	10.0	10.5	11.6	13.7	17.9	20.7	19.4	16.8	15.0	12.8
16	35°N	140°E		17.0	14.8	15.0	16.0	19.0	20.0	22.9	24.0	24.9	23.6	20.4	19.0
17		145		18.8	17.8	17.4	17.5	19.1	24.1	25.4	26.7	27.0	24.6	22.2	20.1
18		150		18.0	17.2	16.9	17.3	19.2	23.0	25.1	26.3	26.6	24.3	22.6	20.2
19		155		18.0	16.6	16.2	16.4	19.1	22.7	24.0	26.0	25.8	23.7	22.0	19.9
20		160		17.6	16.6	16.2	15.7	18.1	21.1	23.6	24.9	24.8	23.5	21.0	17.5
21		165		16.6	15.6	15.5	16.0	17.5	20.4	23.2	24.8	24.5	23.5	22.0	18.4
22		170		16.7	15.7	15.0	15.5	17.1	20.6	22.8	24.6	23.8	23.8	21.2	18.4
23		175		16.8	15.5	15.2	15.4	16.7	19.0	22.0	23.8	22.9	21.9	21.4	18.0
24		180		15.8	14.6	14.4	14.8	16.9	20.0	22.8	24.4	23.5	20.9	19.5	16.0
25	30°N	125°E		16.0	14.2	13.0	14.0	17.8	24.0	27.0	27.1	26.7	24.1	21.4	18.0
26		130		20.0	19.2	21.0	22.6	24.1	25.9	28.7	29.0	28.1	26.4	24.1	22.7
27		135		20.7	19.8	19.9	20.9	22.0	25.9	28.0	29.3	28.9	26.4	23.9	21.8
28		140		20.5	20.0	19.1	20.2	21.9	25.4	27.8	28.8	28.9	26.5	24.4	22.5
29		145		20.2	18.8	19.0	19.1	20.5	25.2	27.4	28.3	28.2	26.2	24.5	22.5
30		150		20.5	18.4	18.5	19.0	21.6	25.9	27.7	27.8	28.1	25.8	23.9	21.9
31		155		20.0	18.5	18.4	20.1	22.0	25.4	27.3	28.0	28.2	26.3	24.4	22.5

续表

站号	纬度	月 经度	1	2	3	4	5	6	7	8	9	10	11	12
32		160	19.8	18.3	18.6	19.0	21.3	24.9	27.4	27.1	27.9	26.6	24.5	22.1
33		165	19.3	17.9	18.5	19.3	21.5	24.6	27.2	27.2	27.5	26.5	24.9	21.9
34		170	18.7	17.6	17.8	19.1	20.5	24.0	27.1	26.8	26.9	26.6	24.4	21.4
35		175	18.3	17.3	17.8	19.4	20.6	23.7	25.9	26.5	26.7	26.4	24.0	20.7
36		180	18.0	17.1	18.0	18.5	20.3	23.1	25.2	26.1	26.0	25.2	23.1	20.0
37	25°N	125°E	22.6	21.9	23.7	25.0	26.0	28.2	29.1	29.6	28.7	27.3	25.7	23.7
38		130	22.6	21.9	21.5	23.6	26.0	28.3	29.1	30.1	29.4	27.6	26.1	23.9
39		135	21.9	22.7	22.2	23.0	25.3	28.4	29.4	30.1	29.5	27.8	26.5	23.9
40		140	23.0	22.4	22.6	23.3	25.3	28.1	29.5	30.1	29.5	27.4	26.5	25.0
41		145	23.1	22.4	22.0	23.0	24.5	28.1	29.3	29.1	29.5	28.1	26.9	25.1
42		150	22.9	22.7	23.0	23.8	26.1	27.9	29.4	28.5	29.2	27.4	27.3	26.2
43		155	23.1	22.5	22.6	23.4	26.1	27.3	29.1	29.0	29.3	28.5	27.4	25.2
44		160	23.3	22.3	22.6	23.4	25.6	27.0	28.8	28.9	29.2	28.5	27.4	25.4
45		165	22.6	22.4	22.9	23.3	24.9	26.4	28.4	28.9	29.1	28.5	27.3	25.9
46		170	22.2	22.1	22.5	23.1	24.7	26.1	28.2	28.4	29.1	28.2	26.9	25.0
47		175	21.9	21.5	22.9	22.7	23.7	25.7	27.6	28.4	28.5	28.2	26.7	25.4
48		180	22.2	21.4	22.6	22.4	24.6	25.7	27.1	28.1	28.5	27.8	26.4	24.9
49	20°N	120°E	24.9	24.1	26.0	27.4	28.6	29.2	29.1	29.3	29.1	28.5	26.7	25.4
50		125	25.8	25.0	25.6	25.9	27.9	29.2	29.0	30.1	29.7	28.8	27.4	26.5
51		130	25.7	25.1	24.9	26.6	27.6	29.2	29.3	30.0	29.1	29.1	28.0	26.6
52		135	25.4	25.5	25.6	26.4	28.1	29.0	29.5	30.0	29.8	29.1	28.3	27.3
53		140	25.7	25.1	25.1	26.3	27.8	28.9	29.8	30.0	29.9	29.2	28.7	27.5
54		145	25.6	25.5	25.5	26.4	27.8	28.8	29.6	29.9	29.8	28.9	28.9	27.7
55		150	26.0	25.1	25.7	26.3	27.4	28.7	29.4	29.6	29.8	29.3	28.7	27.9
56		155	26.1	25.1	25.3	26.3	27.3	28.0	29.2	29.4	29.5	29.1	28.5	27.7
57		160	25.7	25.2	25.3	25.8	26.9	27.6	29.1	29.3	29.4	29.4	28.4	27.4
58		165	25.6	24.8	25.6	25.2	26.7	27.5	28.7	29.2	29.3	29.4	28.1	27.4
59		170	25.1	25.0	25.3	25.5	26.2	27.2	28.4	28.9	29.2	29.2	28.1	27.4
60		175	25.2	24.6	25.8	25.0	25.9	26.8	28.2	28.8	29.2	28.8	27.7	27.1
61		180	25.1	24.1	25.3	24.9	26.1	26.8	27.9	28.5	29.1	28.6	27.4	26.5