


585-9

87      129<sup>†</sup> 28 ' 00 <sup>㎡</sup>      35<sup>†</sup> 35 ' 00 <sup>㎡</sup>      -      7.15km

가      192-4      129<sup>†</sup> 17 ' 30 <sup>㎡</sup>      35<sup>†</sup> 35 ' 31 <sup>㎡</sup>

176-6      129<sup>†</sup> 24 ' 34 <sup>㎡</sup>      35<sup>†</sup> 30 ' 43 <sup>㎡</sup>      -      18.13km

43-2      129<sup>†</sup> 21 ' 18 <sup>㎡</sup>      35<sup>†</sup> 40 ' 36 <sup>㎡</sup>

: km<sup>2</sup>

1 9 9 4	...	...	...	...	...	...	...
1 9 9 5	...	...	...	...	...	...	...
1 9 9 6	...	...	...	...	...	...	...
1 9 9 7	151.68	100.0	8	26	139	966	—
1 9 9 8	157.21	100.0	8	27	167	1,136	—
<b>1 9 9 9</b>	<b>157.21</b>	<b>100.0</b>	<b>8</b>	<b>27</b>	<b>144</b>	<b>1,112</b>	<b>-</b>
1	16.02	10.19	1	4(2)	15	147	-
2	10.98	6.98	1	3(2)	20	233	-
3	30.31	19.28	1	5	21	230	-
	60.61	38.55	1	9	19	53	-
	16.28	10.36	1	4	21	135	-
	10.75	6.84	1	2	13	108	-
	6.72	4.27	1	1	18	104	-
	5.54	3.52	1	1	17	102	-

:

: 1.

2.

3. ( )

1,2

1, 2

: m<sup>2</sup>

1 9 9 8	157,211,602.8	7,641,423.0	21,397,127.0	678,076.0	144,267.0	102,750,031.4	-	3,968,374.2	4,477,017.3	236,680.9	3,628,236.9	410,411.0
1 9 9 9	<b>157,212,800.3</b>	<b>7,649,285.0</b>	<b>21,122,717.0</b>	<b>701,400.0</b>	<b>148,184.0</b>	<b>102,537,185.8</b>	-	<b>4,014,595.2</b>	<b>4,703,472.4</b>	<b>271,030.9</b>	<b>3,801,449.2</b>	<b>410,411.0</b>
가	5,623,049.0	829,492.0	1,191,293.0	52,710.0	-	2,499,243.0	-	155,567.0	-	-	149,998.0	51,928.0
	3,542,346.0	533,106.0	550,714.0	40,062.0	-	1,630,067.0	-	218,345.0	-	25,540.0	126,443.0	57,281.0
	6,199,927.0	429,091.0	586,652.0	17,375.0	1,242.0	4,284,367.0	-	143,936.0	37,957.0	-	172,193.0	-
	5,934,442.0	293,086.0	996,355.0	24,351.0	3,727.0	4,062,819.0	-	66,341.0	-	-	85,848.0	-
	2,205,495.0	340,016.0	758,772.0	51,916.0	-	107,264.0	-	197,130.0	53,728.0	-	128,148.0	41,848.0
	8,735,925.0	384,103.0	1,354,281.0	87,905.0	-	5,623,904.0	-	262,707.0	-	12,908.0	180,917.0	57,556.0
	5,779,462.0	443,420.0	1,604,838.0	116,393.0	1,932.0	2,839,040.0	-	208,858.0	4,111.0	17,237.0	130,498.0	-
	6,953,250.0	363,011.0	1,368,383.0	6,595.0	95,541.0	4,190,122.0	-	287,072.0	31,565.0	14,712.0	134,711.0	-
	7,887,702.5	233,322.0	712,910.0	54,444.0	737.0	6,157,920.5	-	65,358.0	195,793.1	-	117,698.2	-
	4,457,281.0	128,581.0	796,380.0	22,814.0	7,451.0	2,974,196.0	-	43,757.0	-	4,363.0	49,051.0	-
	8,817,420.0	182,173.0	903,512.0	-	459.0	7,114,863.0	-	76,924.0	-	6,254.0	66,543.0	-
	2,486,598.0	197,967.0	300,827.0	-	-	1,777,751.0	-	68,015.0	-	-	64,438.0	-
	1,412,414.0	68,169.0	333,154.0	-	-	690,091.0	-	111,333.0	-	22,080.0	72,849.0	-
	2,013,143.0	66,469.0	197,007.0	-	-	1,539,667.0	-	46,154.0	-	9,094.0	52,100.0	-
	16,204,270.0	185,724.0	751,037.0	-	1,804.0	14,499,998.0	-	60,960.0	13,734.0	10,571.0	37,606.0	-
	3,240,308.0	235,781.0	393,562.0	-	-	2,363,726.0	-	62,450.0	-	8,008.0	104,488.0	-
	8,113,806.0	273,191.0	818,446.0	19,752.0	1,487.0	6,537,304.0	-	58,155.0	-	-	120,699.0	-
	6,441,738.0	341,630.0	768,825.0	-	15,655.0	4,863,685.0	-	66,629.0	-	2,750.0	48,587.0	-
	11,870,682.0	262,947.0	811,198.0	22,045.0	199.0	10,030,918.0	-	92,518.0	-	-	175,407.0	-
	3,624,056.0	182,167.0	503,953.0	-	-	16,331.0	-	24,792.0	1,109,515.0	-	145,925.0	20,488.0
2,226,484.0	71,208.0	1,431,828.0	-	-	112.0	-	43,493.0	197,729.0	-	182,295.0	38,709.0	
6,671,117.6	381,200.0	648,611.0	23,219.0	15,646.0	4,001,412.0	-	456,843.7	186,883.0	13,151.5	493,551.6	57,797.0	
3,757,724.0	329,457.0	550,472.0	4,760.0	-	1,699,577.1	-	99,344.0	633,060.3	28,008.0	164,194.5	35,290.0	
6,681,157.0	127,666.0	225,273.0	6,474.0	-	4,036,733.0	-	296,382.0	1,465,631.0	32,433.0	170,053.0	-	
6,290,894.8	197,299.0	1,461,147.0	-	-	3,451,882.0	-	392,562.2	-	41,789.4	274,405.9	14,387.0	
4,500,286.0	478,700.0	1,054,288.0	143,828.0	2,304.0	1,729,717.0	-	84,595.0	-	11,729.0	123,693.0	34,167.0	
5,541,822.4	90,309.0	51,999.0	6,757.0	-	3,814,476.2	-	324,374.3	773,766.0	10,403.0	229,109.0	-	

1998	5,433,394.6	608,722.0	2,549,496.5	354,987.0	36,544.2	100,286.5	-	-	28,664.3	4,188.0	801,023.0	1,962,652.0
<b>1999</b>	<b>5,424,997.6</b>	<b>607,892.0</b>	<b>2,526,872.5</b>	<b>352,673.0</b>	<b>36,544.2</b>	<b>100,286.5</b>	-	-	<b>28,664.3</b>	<b>4,188.0</b>	<b>800,234.0</b>	<b>1,970,717.7</b>
	245,241.0	72,628.0	169,016.0	35,232.0	-	-	-	-	556.0	-	92,052.0	78,093.0
	215,255.0	30,399.0	35,471.0	9,586.0	4,402.0	-	-	-	76.0	-	41,301.0	24,298.0
	250,208.0	14,598.0	1,024,233.0	25,790.0	-	-	-	-	1,010.0	-	45,474.0	87,801.0
가	100,532.0	-	169,295.0	9,888.0	-	-	-	-	-	-	121,084.0	1,116.0
	304,482.0	69,018.0	37,971.0	1,875.0	-	-	-	-	2,344.0	-	52,938.0	58,045.0
	394,203.0	84,716.0	202,564.0	2,353.0	-	-	-	-	967.0	-	40,148.0	49,693.0
	126,527.0	42,069.0	170,428.0	13,194.0	-	-	-	-	-	-	54,329.0	6,588.0
	151,436.0	79,561.0	167,629.0	24,708.0	-	-	-	-	595.0	-	30,078.0	7,531.0
	181,680.0	6,514.0	92,180.0	22,768.0	-	-	-	-	2,731.0	-	9,273.0	34,373.7
	177,253.0	45,207.0	137,360.0	8,879.0	-	-	-	-	207.0	-	39,318.0	22,464.0
	201,399.0	18,261.0	141,918.0	87,008.0	-	-	-	-	169.0	-	6,979.0	10,958.0
	40,855.0	1,973.0	12,223.0	4,915.0	-	-	-	-	347.0	-	11,289.0	5,998.0
	48,936.0	4,468.0	8,847.0	271.0	3,265.0	-	-	-	-	4,188.0	10,682.0	34,081.0
	66,406.0	8,325.0	10,763.0	-	-	-	-	-	-	-	5,414.0	11,744.0
	361,633.0	16,435.0	159,264.0	2,448.0	-	-	-	-	6,899.0	-	11,944.0	84,213.0
	17,148.0	-	25,346.0	2,526.0	-	-	-	-	689.0	-	21,444.0	5,140.0
	184,816.0	8,599.0	50,832.0	10,400.0	-	-	-	-	-	-	29,288.0	837.0
	208,837.0	21,938.0	1,592.0	22,761.0	-	-	-	-	-	-	22,166.0	56,683.0
	313,793.0	-	87,470.0	29,007.0	-	-	-	-	924.0	-	38,188.0	6,068.0
	764,091.0	24,766.0	75,885.0	1,927.0	-	-	-	-	-	-	-	754,256.0
	151,320.0	24,011.0	69,504.0	2,276.0	-	-	-	-	40.0	-	-	13,959.0
	175,811.5	686.0	54,557.0	14,648.0	5,206.2	54,834.8	-	-	3,200.3	-	30,147.0	52,712.0
	98,801.1	2,403.0	62,098.0	3,605.0	-	-	-	-	-	-	27,212.0	19,442.0
	141,759.0	2,881.0	135,572.0	-	11,850.0	-	-	-	4,832.0	-	4,438.0	19,180.0
	178,457.0	14,787.0	118,988.6	9,064.0	-	40,882.7	-	-	2,024.0	-	5,519.0	87,700.0
	261,582.0	6,781.0	151,119.0	5,931.0	-	-	-	-	307.0	-	35,562.0	375,983.0
	62,536.0	6,868.0	76,746.9	1,613.0	11,821.0	4,569.0	-	-	747.0	-	13,967.0	61,761.0

			(0.1mm )					(=13.9m/s)
1994	126	70	73	36	7	5	9	—
1995	133	90	93	57	3	6	13	—
1996	111	89	89	56	19	8	9	—
1997	130	82	97	40	8	6	13	—
1998	100	112	114	30	4	5	13	2
<b>1999</b>	<b>123</b>	<b>118</b>	<b>97</b>	<b>43</b>	-	-	<b>1</b>	-
1	19	3	3	10	-	-	1	-
2	17	3	2	4	-	-	-	-
3	6	18	11	4	-	-	-	-
4	11	8	9	-	-	-	-	-
5	14	4	10	-	-	-	-	-
6	6	12	13	-	-	-	-	-
7	-	22	15	-	-	-	-	-
8	2	21	10	-	-	-	-	-
9	4	15	12	-	-	-	-	-
10	10	10	8	-	-	-	-	-
11	13	2	4	6	-	-	-	-
12	21	-	-	19	-	-	-	-

:

:

25 ,  
13.9m/sec

75 ,

0.1mm

						(m/ m)			(hpa)	( )	(10%)	(h)	(cm)	(‰)	
1 9 9 4	14.8	33.3	38.2	- 2.5	- 9.4	921.4	61	10	1,016.1	6.4	4.3	2,437.6	1.2	2.0	12.3
1 9 9 5	13.7	32.9	37.2	- 2.9	- 8.0	693.0	61	11	1,016.1	5.3	4.3	2,213.3	1.5	2.1	10.0
1 9 9 6	13.7	30.3	37.4	- 2.7	- 10.8	1,015.0	62	7	1,016.4	5.5	4.6	2,221.2	1.2	2.0	8.7
1 9 9 7	14.5	30.1	35.4	- 3.4	- 10.0	1,198.6	64	10	1,016.1	6.8	4.3	2,184.8	0.4	2.0	11.2
1 9 9 8	15.1	29.9	35.0	- 1.6	- 8.2	1,796.0	68	9	1,016.3	8.5	5.2	1,741.2	1.5	2.3	14.7
<b>1 9 9 9</b>	<b>14.4</b>	<b>28.3</b>	<b>32.3</b>	<b>- 1.3</b>	<b>- 7.3</b>	<b>1,864.9</b>	<b>62</b>	<b>8</b>	<b>1,015.9</b>	<b>6.3</b>	<b>4.8</b>	<b>2,126.3</b>	-	<b>2.4</b>	<b>14.7</b>
1	2.9	8.0	13.5	- 1.3	- 5.8	30.6	44	11	1,021.4	- 9.4	2.2	210.2	-	2.9	14.7
2	4.6	9.3	16.9	0.0	- 7.3	29.0	43	13	1,021.6	- 8.2	2.6	211.2	-	2.9	12.2
3	8.2	12.7	19.4	3.8	- 2.5	122.3	61	11	1,018.0	- 0.2	6.3	140.2	-	2.4	12.3
4	13.7	18.9	29.2	8.8	3.0	74.5	63	8	1,014.0	5.6	4.8	216.9	-	2.8	10.0
5	18.6	24.3	29.4	13.2	10.2	157.1	57	14	1,011.3	8.5	3.6	285.8	-	2.3	10.7
6	21.7	25.8	31.4	17.9	14.9	229.0	72	20	1,009.1	15.8	6.1	164.8	-	2.0	9.7
7	24.0	27.0	32.1	21.6	18.3	296.3	77	37	1,007.5	19.4	7.8	101.9	-	2.8	11.3
8	25.1	28.3	32.3	22.6	18.7	447.4	78	43	1,008.7	20.8	7.6	116.8	-	2.1	10.0
9	23.2	26.7	32.3	20.2	14.1	367.3	77	25	1,012.4	18.5	6.7	144.5	-	2.0	10.3
10	16.2	21.4	29.0	11.5	3.0	89.9	64	17	1,019.3	8.6	4.9	152.3	-	1.8	8.8
11	10.2	15.6	21.0	5.4	- 2.5	21.5	59	19	1,012.5	1.8	3.3	179.6	-	1.9	10.0
12	4.1	9.7	15.7	- 0.5	- 6.9	0.0	52	18	1,024.6	- 5.8	1.8	202.1	-	2.4	13.3

	(km)				(km <sup>2</sup> )		( )
1994	...	...	...	...	...	...	...
1995	...	...	...	...	...	...	...
1996	...	...	...	...	...	...	...
1997	13.0	-	-	-	-	-	-
1998	13.0	-	-	-	-	-	-
<b>1999</b>	<b>13.0</b>	-	-	-	-	-	-

:

: m/ m

		1	2	3	4	5	6	7	8	9	10	11	12
1 9 9 4	921.4	28.2	44.9	31.0	83.6	186.9	122.1	103.3	61.2	68.2	142.7	43.0	6.3
1 9 9 5	693.0	29.6	19.1	68.5	64.8	90.3	115.1	110.3	99.9	45.5	47.6	2.1	0.2
1 9 9 6	1,015.0	32.5	2.5	160.1	63.8	42.0	371.0	116.8	74.6	26.8	35.9	61.7	27.3
1 9 9 7	1,198.6	10.9	4.4	25.4	57.0	172.9	282.1	188.5	192.3	50.0	0.7	151.6	62.8
1 9 9 8	1,796.0	119.6	81.6	51.6	182.0	166.5	268.7	194.5	346.0	259.6	107.1	18.5	0.3
1 9 9 9	<b>1, 864.9</b>	<b>30.6</b>	<b>29.0</b>	<b>122.3</b>	<b>74.5</b>	<b>157.1</b>	<b>229.0</b>	<b>296.3</b>	<b>447.4</b>	<b>367.3</b>	<b>89.9</b>	<b>21.5</b>	<b>0.0</b>

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