3월 2일 굴뚝별 트랜드

					03-02 00:00	03-02 00:30	03-02 01:00	03-02 01:30	03-02 02:00	03-02 02:30	03-02 03:00	03-02 03:30	03-02 04:00	03-02 04:30	03-02 05:00	03-02 05:30	03-02 06:00	03-02 06:30	03-02 07:00	03-02 07:30
TSP	20	mg/Sm³	12	1	0.59	0.49	0.52	0.52	0.51	0.49	0.50	0.50	0.63	0.49	0.54	0.52	0.48	0.52	0.48	0.53
SOx	30	ppm	12	1	0.00	0.18	0.00	0.00	0.33	3.44	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00
NOx	70	ppm	12	1	41.21	32.47	29.25	26.25	29.12	26.92	24.39	32.42	30.64	31.38	22.38	26.62	27.46	25.51	28.90	27.71
HCl	15	ppm	12	1	0.70	1.27	1.97	2.74	4.15	8.18	3.64	1.79	4.06	3.15	2.46	2.40	1.43	3.76	3.93	2.72
CO	50	ppm	12	1	0.14	0.13	0.16	0.21	0.17	0.17	0.20	0.23	0.33	0.19	0.39	0.25	0.32	0.24	0.15	0.19
O_2		%	0	0.1	10.13	7.55	8.18	8.31	8.05	7.71	7.78	7.65	10.90	7.36	8.42	8.09	7.15	7.92	6.85	8.03
FL1		Sm³	12	10	11,413	13,210	12,573	12,591	12,687	13,042	12,998	13,240	10,499	13,466	12,448	12,740	13,967	13,080	14,111	12,943
TMP		℃	0	1	179.04	179.37	179.26	178.81	178.04	177.93	178.30	178.53	178.62	178.80	178.92	178.73	178.32	178.58	180.03	179.90
TM1		℃	0	1	1,093.78	1,106.94	1,087.03	1,067.27	1,071.00	1,087.73	1,078.41	1,068.65	1,056.72	1,087.70	1,044.41	1,071.71	1,072.95	1,069.03	1,117.09	1,081.87
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					03-02 08:00	03-02 08:30	03-02 09:00	03-02 09:30	03-02 10:00	03-02 10:30	03-02 11:00	03-02 11:30	03-02 12:00	03-02 12:30	03-02 13:00	03-02 13:30	03-02 14:00	03-02 14:30	03-02 15:00	03-02 15:30
TSP	20	mg/Sm³	12	1	0.65	0.55	0.45	0.56	0.37	0.37	0.37	0.37	0.36	0.37	0.36	0.36	0.36	0.36	0.36	0.36
SOx	30	ppm	12	1	0.00	0.00	4.53	0.86	2.35	47.64	2.62	24.36	0.32	0.00	0.00	0.00	0.00	2.82	0.01	0.25
NOx	70	ppm	12	1	36.27	25.58	34.69	24.20	6.12	100.49	1.48	49.40	0.76	0.59	0.45	33.88	25.63	40.94	35.38	52.98
HCl	15	ppm	12	1	2.91	2.24	4.85	8.30	5.76	2.85	4.63	17.19	0.05	0.00	0.02	0.92	1.95	9.77	3.31	0.65
CO	50	ppm	12	1	0.26	0.30	0.14	0.25	7.21	126.91	0.00	60.65	0.00	0.00	0.00	0.18	0.70	0.19	0.43	0.19
O_2		%	0	0.1	9.89	8.60	6.03	8.87	14.36	19.28	20.87	14.59	20.89	20.87	20.74	12.31	9.13	6.47	7.98	7.06
FL1		Sm³	12	10	10,938	12,231	14,955	11,779	18,126	18,033	18,000	17,958	18,140	18,137	17,643	17,658	18,408	18,362	18,018	19,292
TMP		℃	0	1	180.29	179.83	179.13	179.29	179.71	179.71	179.57	179.51	179.71	179.79	179.66	179.36	179.50	180.08	180.54	180.94
TM1		℃	0	1	1,108.89	1,054.05	1,134.55	1,073.42	1,145.59	1,110.33	1,130.85	1,093.80	1,115.51	1,096.60	1,128.24	1,065.09	1,001.92	1,100.31	1,081.67	1,096.24
TM3		℃	0	1	36.44	36.44	36.46	36.46	36.47	36.46	36.44	36.38	36.42	36.40	36.40	36.41	36.41	36.41	36.44	36.44

					03-02 16:00	03-02 16:30	03-02 17:00	03-02 17:30	03-02 18:00	03-02 18:30	03-02 19:00	03-02 19:30	03-02 20:00	03-02 20:30	03-02 21:00	03-02 21:30	03-02 22:00	03-02 22:30	03-02 23:00	03-02 23:30
TSP	20	mg/Sm³	12	1	0.36	0.52	0.49	0.42	0.47	0.48	0.49	0.46	0.61	0.46	0.49	0.52	0.51	0.49	0.53	0.50
SOx	30	ppm	12	1	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	29.22	19.48	22.88	21.67	18.76	20.80	18.68	23.46	29.75	23.59	23.77	17.46	19.01	23.20	23.39	22.15
HCl	15	ppm	12	1	3.26	2.47	3.62	4.19	2.52	1.52	1.87	1.06	1.58	1.61	2.06	2.49	1.75	3.01	1.47	0.77
CO	50	ppm	12	1	0.55	0.66	0.39	0.24	0.29	0.41	0.48	0.27	0.33	16.68	0.35	0.47	0.55	0.33	0.52	0.38
O_2		%	0	0.1	11.44	8.23	7.11	5.22	6.91	7.08	7.26	6.32	9.94	5.93	7.12	8.10	7.50	7.23	7.91	7.25
FL1		Sm³	12	10	18,879	13,424	14,839	16,287	14,343	14,184	13,849	14,856	11,531	15,480	14,307	13,206	14,139	14,365	13,764	14,205
TMP		℃	0	1	181.89	182.10	182.43	183.37	183.19	182.69	182.65	181.43	181.34	181.91	182.21	182.04	181.96	182.46	182.44	181.75
TM1		℃	0	1	1,035.61	1,015.85	1,043.46	1,120.07	1,073.10	1,047.51	1,050.51	1,078.41	1,074.91	1,110.60	1,078.44	1,044.56	1,038.74	1,066.69	1,040.00	1,054.39
TM3		℃	0	1	36.44	36.35	36.40	36.40	36.39	36.38	36.38	36.37	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

3월 3일 굴뚝별 트랜드

					03-03 00:00	03-03 00:30	03-03 01:00	03-03 01:30	03-03 02:00	03-03 02:30	03-03 03:00	03-03 03:30	03-03 04:00	03-03 04:30	03-03 05:00	03-03 05:30	03-03 06:00	03-03 06:30	03-03 07:00	03-03 07:30
TSP	20	mg/Sm³	12	1	0.62	0.50	0.50	0.52	0.53	0.50	0.51	0.50	0.63	0.53	0.52	0.52	0.53	0.54	0.48	0.52
SOx	30	ppm	12	1	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.13	0.00
NOx	70	ppm	12	1	26.58	20.36	26.99	24.78	23.13	24.24	24.93	27.77	33.68	23.77	25.11	19.68	25.90	20.38	20.43	18.97
HCl	15	ppm	12	1	1.84	2.28	4.86	4.04	1.64	1.52	1.71	1.18	1.63	1.28	1.07	1.65	0.66	2.27	10.59	7.76
CO	50	ppm	12	1	0.44	0.29	0.24	0.30	0.35	0.26	0.28	0.33	0.43	0.43	0.38	0.45	0.59	0.57	0.42	0.55
O_2		%	0	0.1	10.35	7.19	7.21	8.06	8.26	7.54	7.56	7.31	10.31	8.09	7.79	7.96	7.98	8.24	6.41	7.84
FL1		Sm³	12	10	12,064	14,405	14,263	13,191	13,011	13,820	13,852	14,261	11,600	13,233	13,640	13,330	13,614	13,265	15,396	13,609
TMP		℃	0	1	181.84	182.48	182.13	181.75	181.43	181.33	181.88	182.15	182.04	181.86	181.97	182.16	181.23	181.08	182.14	181.89
TM1		℃	0	1	1,044.74	1,067.99	1,060.13	1,054.46	1,036.03	1,057.84	1,060.69	1,052.41	1,059.74	1,036.77	1,037.91	1,049.33	1,019.26	1,018.38	1,061.43	1,014.15
TM3		℃	0	1	36.37	36.37	36.38	36.40	36.40	36.40	36.40	36.40	36.41	36.43	36.43	36.43	36.43	36.44	36.43	36.42

					03-03 08:00	03-03 08:30	03-03 09:00	03-03 09:30	03-03 10:00	03-03 10:30	03-03 11:00	03-03 11:30	03-03 12:00	03-03 12:30	03-03 13:00	03-03 13:30	03-03 14:00	03-03 14:30	03-03 15:00	03-03 15:30
TSP	20	mg/Sm³	12	1	0.65	0.48	0.49	0.52	0.46	0.48	0.49	0.44	0.61	0.47	0.51	0.45	0.50	0.42	0.46	0.50
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.15	0.17	0.00	0.49	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.92	27.57	29.24	21.33	35.12	33.64	27.30	33.33	30.02	34.07	21.96	28.84	23.92	34.64	25.64	25.21
HCl	15	ppm	12	1	3.81	1.17	0.89	1.49	0.38	1.65	0.99	1.48	3.21	3.23	2.97	0.99	1.23	0.35	1.44	1.00
CO	50	ppm	12	1	0.54	0.18	0.22	0.43	0.11	0.15	0.33	0.13	0.26	0.17	0.43	0.19	0.47	0.08	0.20	0.44
O_2		%	0	0.1	10.29	6.64	7.06	7.97	6.37	6.90	7.41	5.69	10.34	6.96	8.33	6.73	8.21	5.87	7.41	8.61
FL1		Sm³	12	10	11,262	14,821	14,498	13,325	15,063	14,429	14,018	15,835	11,351	14,325	12,796	14,516	12,855	15,420	13,727	12,104
TMP		℃	0	1	181.60	181.74	181.93	181.64	181.52	182.14	181.55	181.79	182.27	181.67	180.99	181.26	181.27	181.27	181.73	180.77
TM1		℃	0	1	1,043.07	1,091.01	1,084.44	1,043.89	1,102.43	1,122.27	1,059.70	1,149.65	1,090.29	1,101.13	1,043.52	1,092.05	1,037.89	1,115.45	1,088.17	1,023.95
TM3		℃	0	1	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					03-03 16:00	03-03 16:30	03-03 17:00	03-03 17:30	03-03 18:00	03-03 18:30	03-03 19:00	03-03 19:30	03-03 20:00	03-03 20:30	03-03 21:00	03-03 21:30	03-03 22:00	03-03 22:30	03-03 23:00	03-03 23:30
TSP	20	mg/Sm³	12	1	0.59	0.46	0.50	0.49	0.44	0.48	0.48	0.46	0.59	0.49	0.48	0.47	0.53	0.49	0.49	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.96	1.39	0.02	0.00	0.79	0.20	0.02	0.00	0.00	0.00	3.40	0.00
NOx	70	ppm	12	1	37.64	22.79	18.15	17.41	22.12	17.65	23.83	25.87	28.82	26.35	32.87	33.41	27.84	23.02	21.76	23.16
HCl	15	ppm	12	1	0.64	1.39	1.91	0.99	1.73	7.46	1.93	1.14	2.27	5.61	2.35	3.20	3.03	1.92	12.97	4.08
CO	50	ppm	12	1	0.48	0.40	0.52	0.58	0.34	0.55	0.40	0.37	0.63	0.36	0.30	0.26	0.49	0.46	0.50	0.64
O_2		%	0	0.1	10.61	7.18	8.08	7.83	6.54	7.32	7.26	7.04	9.83	7.48	7.19	6.92	8.65	7.63	7.46	7.08
FL1		Sm³	12	10	11,128	13,946	12,908	13,303	15,291	14,320	14,225	14,524	12,437	13,778	14,244	14,535	12,472	13,697	14,007	14,662
TMP		℃	0	1	179.38	180.09	181.27	180.64	180.28	182.15	182.47	182.11	182.35	182.65	181.92	182.34	182.13	181.73	181.78	181.36
TM1		℃	0	1	1,074.87	1,062.86	1,032.83	1,010.39	1,079.55	1,057.51	1,080.47	1,082.39	1,059.37	1,096.75	1,080.54	1,107.90	1,059.14	1,069.51	1,046.20	1,042.97
TM3		℃	0	1	36.44	36.44	36.44	36.43	36.44	36.44	36.44	36.44	36.44	36.43	36.44	36.43	36.42	36.43	36.42	36.42

3월 4일 굴뚝별 트랜드

					03-04 00:00	03-04 00:30	03-04 01:00	03-04 01:30	03-04 02:00	03-04 02:30	03-04 03:00	03-04 03:30	03-04 04:00	03-04 04:30	03-04 05:00	03-04 05:30	03-04 06:00	03-04 06:30	03-04 07:00	03-04 07:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.44	0.50	0.48	0.51	0.48	0.48	0.60	0.56	0.44	0.48	0.47	0.51	0.53	0.43
SOx	30	ppm	12	1	0.00	0.00	0.00	0.02	0.06	0.61	0.00	0.00	1.46	0.00	0.01	0.07	2.61	0.00	0.00	0.38
NOx	70	ppm	12	1	25.39	20.60	20.39	13.63	16.27	14.77	17.75	17.12	26.51	16.96	22.16	18.44	22.28	24.65	21.92	27.12
HCl	15	ppm	12	1	4.18	2.14	2.79	4.03	1.50	2.60	0.73	1.28	4.45	3.78	0.85	2.34	3.07	2.54	2.36	0.83
CO	50	ppm	12	1	0.75	0.70	0.36	0.50	0.47	0.49	0.37	0.41	0.40	0.68	2.16	0.46	18.34	0.53	0.55	28.80
O_2		%	0	0.1	10.66	6.76	5.78	7.67	7.25	7.86	7.03	7.24	8.83	9.03	6.35	6.96	6.67	7.83	8.46	5.07
FL1		Sm³	12	10	11,096	15,110	16,420	14,074	14,287	14,006	14,873	14,610	12,643	12,285	15,326	14,757	14,895	13,591	12,881	16,565
TMP		℃	0	1	181.84	181.88	182.94	183.61	182.68	182.45	182.53	182.33	183.19	182.70	180.56	181.69	182.68	181.86	181.62	182.08
TM1		℃	0	1	1,036.11	1,044.95	1,078.53	1,016.59	1,023.13	1,027.03	1,032.33	1,019.91	1,083.87	999.11	1,071.20	1,055.58	1,095.97	1,059.95	1,053.53	1,121.44
TM3		℃	0	1	36.41	36.41	36.41	36.42	36.42	36.42	36.42	36.41	36.40	36.41	36.41	36.41	36.42	36.41	36.41	36.42

					03-04 08:00	03-04 08:30	03-04 09:00	03-04 09:30	03-04 10:00	03-04 10:30	03-04 11:00	03-04 11:30	03-04 12:00	03-04 12:30	03-04 13:00	03-04 13:30	03-04 14:00	03-04 14:30	03-04 15:00	03-04 15:30
TSP	20	mg/Sm³	12	1	0.61	0.46	0.48	0.46	0.49	0.41	0.47	0.45	0.62	0.44	0.46	0.46	0.49	0.42	0.40	0.47
SOx	30	ppm	12	1	1.20	0.00	0.00	0.00	0.10	2.80	0.11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	28.33	21.27	21.58	22.97	21.37	36.46	30.82	27.74	34.11	32.39	27.23	22.47	22.52	34.51	37.49	29.09
HCl	15	ppm	12	1	3.49	1.93	1.76	2.19	1.81	2.92	3.05	1.12	1.12	0.59	1.07	0.83	0.72	0.75	1.27	1.79
CO	50	ppm	12	1	5.37	0.30	0.35	0.24	0.30	0.03	0.05	0.05	0.27	0.14	0.11	0.26	0.39	0.14	0.53	0.18
O_2		%	0	0.1	10.03	6.77	7.38	6.99	7.68	5.50	7.45	7.11	11.40	6.85	7.37	7.79	8.21	6.34	5.36	7.80
FL1		Sm³	12	10	11,194	14,383	13,884	13,970	13,307	15,519	13,222	13,577	10,169	14,302	13,464	12,960	12,771	14,812	15,810	12,899
TMP		℃	0	1	182.45	182.08	181.87	181.96	181.55	180.72	181.25	180.66	180.49	180.74	181.36	181.05	180.55	180.51	182.30	182.33
TM1		℃	0	1	1,095.57	1,086.63	1,053.25	1,087.97	1,055.57	1,159.31	1,121.85	1,124.27	1,063.19	1,102.39	1,111.85	1,088.33	1,037.91	1,113.28	1,169.19	1,114.57
TM3		℃	0	1	36.42	36.41	36.41	36.40	36.40	36.40	36.41	36.44	36.44	36.44	36.44	36.44	36.44	36.40	36.39	36.36

					03-04 16:00	03-04 16:30	03-04 17:00	03-04 17:30	03-04 18:00	03-04 18:30	03-04 19:00	03-04 19:30	03-04 20:00	03-04 20:30	03-04 21:00	03-04 21:30	03-04 22:00	03-04 22:30	03-04 23:00	03-04 23:30
TSP	20	mg/Sm³	12	1	0.57	0.48	0.46	0.46	0.46	0.47	0.44	0.49	0.57	0.50	0.46	0.49	0.46	0.46	0.45	0.47
SOx	30	ppm	12	1	0.00	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.31	0.22	0.17
NOx	70	ppm	12	1	34.24	23.85	24.25	25.62	29.87	29.44	34.21	26.30	39.81	25.42	27.30	20.19	25.54	32.07	30.52	28.22
HCl	15	ppm	12	1	1.29	1.13	1.09	0.71	0.84	0.62	1.20	1.18	0.67	1.34	1.00	1.55	0.89	1.62	2.32	1.90
CO	50	ppm	12	1	0.37	0.37	7.06	0.27	0.22	0.29	0.13	0.27	0.28	0.33	0.30	0.46	16.22	0.24	0.17	0.26
O_2		%	0	0.1	10.52	8.12	7.73	7.26	7.33	7.44	6.82	8.17	10.18	8.50	7.36	7.79	6.96	7.09	7.03	7.58
FL1		Sm³	12	10	10,808	12,541	13,096	13,800	13,473	13,617	13,951	12,360	11,172	12,120	13,648	12,662	13,733	13,684	13,631	12,796
TMP		℃	0	1	181.30	181.02	180.68	181.13	181.47	181.33	181.54	180.90	180.63	181.21	181.59	181.36	180.25	180.14	181.02	180.02
TM1		℃	0	1	1,064.81	1,070.53	1,066.59	1,092.26	1,094.09	1,087.52	1,124.72	1,081.48	1,098.07	1,063.02	1,076.03	1,067.80	1,086.05	1,118.49	1,119.77	1,105.68
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36