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	0.84	0.68	0.73	0.67	0.66	0.72	0.68	0.68	0.87	0.58	0.54	0.66	0.61	0.67	0.71	0.64
SOx	30	ppm	12	1	0.00	0.05	0.00	1.43	8.12	0.00	0.00	1.35	0.00	0.00	0.12	0.00	0.08	0.06	0.00	2.75
NOx	70	ppm	12	1	18.95	16.57	13.19	17.28	19.26	16.19	15.25	21.22	23.49	14.73	16.98	10.29	20.44	15.25	15.15	17.40
HCl	15	ppm	12	1	2.42	0.97	0.88	1.74	9.26	2.76	4.06	7.86	1.85	0.11	0.07	0.62	0.02	0.23	0.84	2.53
CO	50	ppm	12	1	0.70	1.83	1.00	0.46	4.00	1.25	0.75	0.41	1.73	3.03	21.83	3.06	12.33	3.48	0.75	17.64
O_2		%	0	0.1	9.52	6.87	8.00	6.78	6.95	7.78	7.76	6.54	8.97	5.90	4.73	7.49	5.40	6.46	8.00	6.23
FL1		Sm³	12	10	12,523	14,988	13,783	14,843	14,577	13,808	13,579	15,350	11,574	15,102	16,350	13,736	16,675	15,459	13,507	15,569
TMP		℃	0	1	186.11	186.58	186.32	185.18	185.33	184.45	183.57	184.46	185.54	183.11	182.35	182.08	183.20	185.13	185.36	184.70
TM1		℃	0	1	1,044.99	1,049.86	1,003.01	1,004.96	1,081.43	1,020.06	1,028.73	1,038.95	1,073.65	1,042.98	1,089.91	1,048.94	1,075.03	1,052.21	1,043.96	1,040.33
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					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	0.87	0.68	0.64	0.56	0.64	0.66	0.58	0.57	0.75	0.56	0.57	0.64	0.59	0.64	0.57	0.68
SOx	30	ppm	12	1	0.70	0.00	4.54	1.05	1.26	0.00	0.00	0.02	0.89	1.45	8.09	0.00	0.00	0.00	0.14	0.00
NOx	70	ppm	12	1	20.20	15.42	13.62	12.30	11.17	8.87	11.90	9.10	12.60	18.42	10.56	11.83	14.09	9.96	13.23	9.60
HCl	15	ppm	12	1	4.12	1.54	2.92	3.56	5.33	2.59	0.82	1.11	2.32	3.73	5.38	2.54	1.03	3.32	0.99	1.07
CO	50	ppm	12	1	6.29	0.62	31.73	50.84	18.77	1.73	2.73	1.74	17.25	0.26	45.16	1.03	0.98	0.97	1.01	1.88
O_2		%	0	0.1	10.00	7.07	6.19	4.98	6.65	7.48	6.01	6.08	8.44	6.07	5.67	7.73	6.62	7.85	5.94	8.21
FL1		Sm³	12	10	11,685	14,493	15,132	16,198	14,640	13,567	14,948	14,568	12,187	14,517	15,107	12,892	14,330	12,871	14,887	12,407
TMP		℃	0	1	185.59	185.67	184.74	184.24	185.18	184.49	183.85	184.25	184.32	184.34	184.70	184.22	183.64	183.58	184.07	183.25
TM1		℃	0	1	1,066.31	1,057.97	1,025.88	1,087.88	1,104.53	1,042.06	1,048.63	1,062.83	1,069.93	1,097.79	1,109.04	1,075.85	1,045.57	1,060.46	1,049.07	1,017.69
IRS		℃	0	1	36.32	36.32	36.33	36.34	36.34	36.34	36.33	36.33	36.33	36.33	36.34	36.34	36.33	36.34	36.34	36.34

					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	0.77	0.61	0.55	0.55	0.59	0.56	0.58	0.59	0.78	0.60	0.56	0.64	0.60	0.69	0.63	0.70
SOx	30	ppm	12	1	0.00	1.87	0.62	3.65	2.18	8.13	0.17	0.02	0.17	0.73	0.12	0.12	3.85	0.00	0.28	0.02
NOx	70	ppm	12	1	10.34	6.66	11.39	11.69	14.17	9.61	13.39	11.46	14.36	9.67	12.07	11.08	9.23	7.53	10.88	8.13
HCl	15	ppm	12	1	0.52	0.36	0.21	2.55	7.48	6.35	1.60	1.09	2.70	0.62	0.10	1.77	2.28	2.29	0.12	0.19
CO	50	ppm	12	1	4.98	27.47	0.69	11.72	0.55	26.46	17.34	17.31	69.12	21.71	9.44	9.80	24.23	1.23	38.12	6.49
O_2		%	0	0.1	9.64	6.78	5.55	5.53	6.57	5.29	5.35	5.98	8.70	6.11	5.18	7.07	6.04	8.32	5.95	7.57
FL1		Sm³	12	10	11,235	14,166	15,546	15,499	14,534	15,596	16,131	15,311	11,776	15,186	16,263	13,870	15,278	12,834	15,762	14,110
TMP		℃	0	1	182.73	183.03	183.43	184.42	185.62	185.49	185.60	185.46	185.28	184.80	185.25	185.24	184.52	184.41	183.71	184.80
TM1		℃	0	1	1,035.49	1,044.32	1,043.60	1,082.57	1,098.66	1,096.11	1,101.98	1,108.47	1,107.66	1,074.64	1,099.67	1,108.15	1,075.26	1,040.75	1,007.03	1,042.81

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	0.83	0.65	0.57	0.60	0.55	0.62	0.66	0.56	0.75	0.52	0.63	0.67	0.60	0.75	0.59	0.60
SOx	30	ppm	12	1	12.70	1.15	0.13	0.00	0.51	0.00	0.24	0.06	0.21	2.66	0.05	0.00	3.74	0.00	1.14	2.01
NOx	70	ppm	12	1	10.95	9.35	7.14	5.41	5.76	6.05	7.75	6.09	6.03	5.27	11.04	8.98	8.30	7.37	10.62	10.29
HCl	15	ppm	12	1	1.26	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.23	1.42	1.41	2.40	0.00	0.00
CO	50	ppm	12	1	129.77	0.95	17.85	0.55	39.30	0.91	20.24	14.01	21.15	43.54	0.56	0.78	36.78	2.02	43.90	13.29
O_2		%	0	0.1	6.58	6.44	5.80	6.68	5.27	7.02	6.75	5.18	8.21	4.31	7.19	7.63	5.72	9.17	4.82	5.22
FL1		Sm³	12	10	14,691	15,074	14,911	13,850	15,441	13,698	14,905	15,893	12,161	16,444	13,577	13,790	15,920	12,176	17,119	16,635
TMP		℃	0	1	186.26	187.12	185.40	184.39	183.49	183.32	183.35	184.17	184.38	184.09	184.18	184.20	184.53	184.83	184.37	186.15
TM1		℃	0	1	1,089.29	1,106.54	1,076.46	1,066.67	1,053.64	1,061.85	1,030.34	1,057.97	1,067.43	1,088.45	1,096.23	1,046.31	1,046.33	1,020.98	1,044.53	1,093.15
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					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	0.86	0.64	0.61	0.66	0.62	0.65	0.63	0.64	0.75	0.52	0.62	0.53	0.59	0.55	0.51	0.52
SOx	30	ppm	12	1	0.00	0.08	0.01	0.00	6.90	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.08	1.36
NOx	70	ppm	12	1	13.88	6.82	5.04	8.45	12.31	9.40	11.89	13.01	12.31	10.90	10.36	7.86	6.80	6.24	4.40	8.00
HCl	15	ppm	12	1	0.03	0.00	0.00	0.00	3.17	1.37	0.00	0.00	0.09	0.00	0.10	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.67	4.84	14.14	2.36	0.31	0.49	0.32	0.25	12.90	42.42	1.20	7.31	0.53	6.06	28.15	37.30
O_2		%	0	0.1	8.42	6.01	6.40	6.89	5.84	6.43	5.37	5.52	7.97	3.95	6.84	5.00	6.08	5.73	4.83	4.56
FL1		Sm³	12	10	12,854	15,587	14,411	14,667	15,887	15,455	16,713	16,576	12,591	17,290	14,106	15,529	15,099	14,766	15,325	16,076
TMP		℃	0	1	186.84	186.72	185.47	184.75	186.17	186.79	186.92	187.51	186.48	185.94	185.64	185.20	185.17	185.15	184.42	184.41
TM1		℃	0	1	1,079.51	1,053.24	1,057.25	1,025.33	1,067.57	1,057.04	1,062.12	1,064.71	1,065.63	1,098.85	1,084.65	1,093.42	1,076.45	1,068.01	1,080.58	1,104.92
IRS		℃	0	1	36.32	36.32	36.32	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.33

					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	0.71	0.55	0.62	0.64	0.57	0.54	0.56	0.57	0.85	0.58	0.58	0.57	0.60	0.59	0.63	0.57
SOx	30	ppm	12	1	1.99	1.65	0.26	0.00	0.47	0.02	0.00	0.24	4.76	1.02	0.00	0.00	0.00	0.00	0.24	0.00
NOx	70	ppm	12	1	11.86	11.27	11.09	11.42	13.98	5.86	5.80	5.01	7.80	9.84	9.76	7.63	3.70	6.60	5.03	8.39
HCl	15	ppm	12	1	0.09	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	24.37	18.94	19.92	0.66	0.33	31.40	0.68	11.30	81.54	32.86	0.24	0.32	2.48	0.85	29.09	0.49
O_2		%	0	0.1	8.03	5.49	7.00	7.32	5.75	5.46	5.92	5.82	10.71	4.95	5.56	5.62	5.89	5.93	6.47	5.22
FL1		Sm³	12	10	12,148	15,164	13,519	13,759	15,167	15,044	14,627	14,811	9,695	16,784	15,251	15,017	14,873	14,884	14,117	15,625
TMP		℃	0	1	184.33	184.31	184.80	184.52	184.83	184.90	184.43	184.05	183.70	183.52	185.15	185.15	184.77	185.12	185.47	184.59
TM1		℃	0	1	1,101.39	1,109.39	1,111.47	1,062.69	1,096.79	1,087.74	1,070.01	1,045.16	1,070.81	1,053.49	1,093.66	1,065.37	1,054.25	1,062.89	1,051.17	1,039.97
IRS		℃	0	1	36.33	36.33	36.33	36.34	36.34	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

3월 5일 굴뚝별 트랜드

					03-05 00:00	03-05 00:30	03-05 01:00	03-05 01:30	03-05 02:00	03-05 02:30	03-05 03:00	03-05 03:30	03-05 04:00	03-05 04:30	03-05 05:00	03-05 05:30	03-05 06:00	03-05 06:30	03-05 07:00	03-05 07:30
TSP	20	mg/Sm³	12	1	0.78	0.66	0.54	0.59	0.56	0.56	0.61	0.58	0.80	0.59	0.63	0.62	0.58	0.59	0.66	0.69
SOx	30	ppm	12	1	0.36	0.00	0.06	0.00	0.28	0.00	0.00	0.10	1.87	0.00	0.00	0.00	0.05	0.00	0.00	0.00
NOx	70	ppm	12	1	12.07	7.35	11.57	8.16	10.39	12.71	9.17	8.21	13.02	8.82	6.04	9.11	6.63	6.95	6.32	11.68
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	23.44	0.69	2.99	2.71	22.74	0.39	0.30	0.52	0.48	0.30	0.42	0.76	0.56	0.77	0.59	0.61
O_2		%	0	0.1	7.71	7.36	4.63	5.64	4.84	4.77	6.33	5.48	8.84	5.85	6.72	6.51	5.72	6.07	7.13	7.04
FL1		Sm³	12	10	11,734	13,308	16,095	15,072	16,125	16,488	14,428	15,524	11,487	14,858	13,935	14,062	15,059	14,593	13,982	14,623
TMP		℃	0	1	185.14	185.05	184.30	185.24	185.17	185.64	185.65	185.03	184.90	185.09	184.86	183.85	183.37	183.84	183.98	184.53
TM1		℃	0	1	1,081.86	1,054.10	1,069.31	1,074.95	1,095.54	1,103.75	1,087.14	1,053.77	1,073.37	1,057.21	1,045.45	1,043.85	1,061.42	1,060.93	1,028.15	1,003.81
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					03-05 08:00	03-05 08:30	03-05 09:00	03-05 09:30	03-05 10:00	03-05 10:30	03-05 11:00	03-05 11:30	03-05 12:00	03-05 12:30	03-05 13:00	03-05 13:30	03-05 14:00	03-05 14:30	03-05 15:00	03-05 15:30
TSP	20	mg/Sm³	12	1	0.87	0.71	0.66	0.67	0.66	0.70	0.65	0.62	0.81	0.63	0.60	0.63	0.64	0.64	0.64	0.65
SOx	30	ppm	12	1	0.00	0.01	0.00	0.33	0.03	0.00	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34
NOx	70	ppm	12	1	9.56	5.78	9.26	9.66	12.96	11.48	12.45	14.20	15.35	12.39	14.46	13.50	10.39	13.38	14.41	12.70
HCl	15	ppm	12	1	0.08	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.92	0.11	0.13	0.33	1.86	0.72	2.74	1.04
CO	50	ppm	12	1	1.12	1.11	0.60	0.37	0.36	0.75	0.63	0.56	0.47	0.51	0.35	0.93	0.72	0.45	0.37	16.67
O_2		%	0	0.1	9.93	7.70	6.41	6.45	6.44	7.56	6.64	6.53	9.93	6.98	6.32	7.22	7.66	6.96	7.12	6.68
FL1		Sm³	12	10	12,302	13,815	15,174	15,281	15,177	13,854	14,362	14,794	11,295	13,807	14,298	13,230	12,917	14,426	14,028	14,615
TMP		℃	0	1	185.52	185.58	184.96	185.81	186.52	186.15	185.64	185.02	185.36	185.22	185.13	183.96	183.51	184.39	185.43	185.55
TM1		℃	0	1	995.41	1,008.11	997.51	1,043.23	1,048.69	1,033.05	1,023.91	1,027.39	1,044.11	1,024.18	1,080.62	1,027.60	1,039.08	1,023.11	1,044.73	1,020.35
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.33	36.33	36.32	36.32	36.32	36.32	36.33	36.32	36.32	36.32	36.32	36.32

					03-05 16:00	03-05 16:30	03-05 17:00	03-05 17:30	03-05 18:00	03-05 18:30	03-05 19:00	03-05 19:30	03-05 20:00	03-05 20:30	03-05 21:00	03-05 21:30	03-05 22:00	03-05 22:30	03-05 23:00	03-05 23:30
TSP	20	mg/Sm³	12	1	0.77	0.65	0.68	0.63	0.55	0.62	0.58	0.62	0.78	0.56	0.60	0.58	0.59	0.56	0.59	0.59
SOx	30	ppm	12	1	19.91	11.08	4.49	0.00	0.04	0.18	2.40	0.49	0.00	0.11	0.00	0.00	1.19	0.24	0.00	0.00
NOx	70	ppm	12	1	14.53	7.53	9.92	7.63	14.74	11.37	11.41	10.35	8.59	10.53	7.20	10.32	5.49	7.08	9.84	9.04
HCl	15	ppm	12	1	8.75	10.98	10.85	0.03	0.00	0.08	0.00	0.19	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	56.42	39.16	11.13	0.91	0.53	0.53	25.04	5.52	1.05	0.37	0.67	0.43	24.87	20.47	0.39	0.59
O_2		%	0	0.1	8.90	6.50	8.15	7.94	5.76	7.22	5.34	6.57	9.79	5.54	6.57	5.83	5.90	4.95	6.38	6.23
FL1		Sm³	12	10	12,154	14,537	12,348	12,384	14,931	13,397	15,965	13,960	11,469	15,251	14,133	15,197	14,937	16,189	14,349	14,763
TMP		℃	0	1	185.75	185.10	184.93	182.77	182.31	183.92	185.22	185.87	184.53	184.84	185.28	185.85	186.12	186.41	186.56	186.49
TM1		℃	0	1	1,063.66	1,050.09	1,082.84	1,015.78	1,055.33	1,071.33	1,067.47	1,100.32	1,022.38	1,043.92	1,039.91	1,057.17	1,066.95	1,054.59	1,074.66	1,030.89
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32