3월 8일 굴뚝별 트랜드

					03-08 00:00	03-08 00:30	03-08 01:00	03-08 01:30	03-08 02:00	03-08 02:30	03-08 03:00	03-08 03:30	03-08 04:00	03-08 04:30	03-08 05:00	03-08 05:30	03-08 06:00	03-08 06:30	03-08 07:00	03-08 07:30
TSP	20	mg/Sm³	12	1	0.64	0.48	0.49	0.55	0.51	0.51	0.57	0.50	0.64	0.46	0.51	0.57	0.62	0.50	0.52	0.52
SOx	30	ppm	12	1	0.00	0.02	0.02	0.00	0.07	0.11	0.00	0.51	0.00	0.42	0.11	0.00	0.00	2.06	0.00	0.00
NOx	70	ppm	12	1	31.69	24.91	19.77	20.35	22.68	21.87	19.35	23.90	30.73	33.95	31.90	23.01	20.40	26.17	24.48	18.48
HCl	15	ppm	12	1	2.37	0.67	2.07	2.23	2.79	4.26	7.18	4.76	7.81	1.10	5.28	6.62	4.19	5.51	7.47	2.50
CO	50	ppm	12	1	0.45	0.50	0.89	0.75	0.67	0.61	0.67	0.51	0.70	0.40	0.38	0.57	0.79	0.40	0.41	0.43
O_2		%	0	0.1	10.68	6.91	6.90	8.31	7.37	7.15	8.65	6.84	9.64	5.79	7.30	8.89	9.86	7.21	7.52	7.85
FL1		Sm³	12	10	10,893	14,515	14,737	14,077	15,423	15,556	13,417	16,136	13,316	17,283	15,283	13,064	11,748	15,216	15,092	13,703
TMP		℃	0	1	179.21	179.22	180.15	181.43	183.07	184.15	182.69	182.87	184.29	183.96	183.68	182.99	181.61	180.58	181.95	180.81
TM1		℃	0	1	1,068.94	1,083.25	1,079.25	1,002.71	1,041.13	1,053.73	1,012.76	1,058.97	1,073.82	1,115.28	1,094.51	1,026.36	989.06	1,065.67	1,041.63	1,022.59
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-08 08:00	03-08 08:30	03-08 09:00	03-08 09:30	03-08 10:00	03-08 10:30	03-08 11:00	03-08 11:30	03-08 12:00	03-08 12:30	03-08 13:00	03-08 13:30	03-08 14:00	03-08 14:30	03-08 15:00	03-08 15:30
TSP	20	mg/Sm³	12	1	0.65	0.49	0.54	0.53	0.48	0.54	0.49	0.48	0.60	0.51	0.56	0.51	0.52	0.46	0.50	0.51
SOx	30	ppm	12	1	0.00	0.94	0.00	0.00	0.00	0.00	0.22	0.07	0.98	0.30	0.68	0.68	0.00	1.90	0.70	9.37
NOx	70	ppm	12	1	20.95	22.05	19.85	19.45	23.30	18.86	18.83	23.89	29.70	23.76	20.84	18.93	16.40	18.75	20.53	17.55
HCl	15	ppm	12	1	2.87	1.79	2.85	2.13	1.43	2.34	3.23	5.07	5.09	5.59	3.91	7.36	2.40	4.43	8.19	14.19
CO	50	ppm	12	1	0.62	0.28	0.37	0.44	0.34	0.56	0.35	0.28	0.26	0.30	0.89	0.61	0.63	0.29	0.33	11.98
O_2		%	0	0.1	10.80	6.99	8.33	8.30	7.00	8.38	7.21	6.95	9.48	7.83	8.64	7.70	7.82	6.19	7.25	7.56
FL1		Sm³	12	10	10,689	14,399	12,678	12,804	14,390	12,882	14,261	14,399	12,339	13,301	12,710	14,078	13,963	15,921	14,623	14,051
TMP		℃	0	1	179.53	179.09	179.37	179.87	180.07	180.05	179.13	179.79	179.73	179.54	179.21	179.62	180.97	180.35	180.55	180.63
TM1		℃	0	1	1,029.64	1,061.78	1,050.15	1,041.34	1,056.98	1,024.61	1,045.89	1,067.61	1,082.29	1,075.13	1,019.31	1,045.73	1,023.92	1,080.92	1,044.47	1,067.01
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-08 16:00	03-08 16:30	03-08 17:00	03-08 17:30	03-08 18:00	03-08 18:30	03-08 19:00	03-08 19:30	03-08 20:00	03-08 20:30	03-08 21:00	03-08 21:30	03-08 22:00	03-08 22:30	03-08 23:00	03-08 23:30
TSP	20	mg/Sm³	12	1	0.62	0.53	0.48	0.56	0.52	0.46	0.51	0.49	0.64	0.50	0.41	0.49	0.49	0.52	0.43	0.45
SOx	30	ppm	12	1	0.12	0.11	0.00	0.00	0.94	4.49	0.00	0.00	0.00	0.00	1.60	0.28	0.00	0.00	3.01	1.47
NOx	70	ppm	12	1	34.55	21.83	22.27	14.88	23.64	22.11	20.37	27.87	18.90	23.13	25.49	22.84	21.83	18.00	20.21	18.31
HCl	15	ppm	12	1	5.08	4.33	2.76	3.95	1.91	5.00	1.70	0.13	1.10	0.32	1.52	3.25	1.55	2.09	1.46	3.55
CO	50	ppm	12	1	0.55	0.42	0.26	0.49	0.34	0.23	0.25	0.22	0.61	0.23	30.79	0.20	0.24	0.30	28.32	17.78
O_2		%	0	0.1	9.00	7.88	6.71	8.63	7.18	6.06	7.56	7.70	11.39	7.47	4.48	6.78	7.12	7.83	5.04	5.55
FL1		Sm³	12	10	12,641	13,990	15,465	13,044	14,860	15,682	13,549	13,632	10,439	13,993	17,792	14,579	14,450	13,722	17,002	15,940
TMP		℃	0	1	180.21	180.59	181.53	181.61	180.84	180.53	178.69	176.43	176.67	176.79	179.02	180.59	179.70	179.24	180.27	180.75
TM1		℃	0	1	1,087.03	1,058.09	1,084.88	1,018.07	1,050.97	1,102.49	1,060.75	1,069.69	1,015.67	1,056.91	1,155.27	1,116.35	1,073.79	1,030.27	1,106.03	1,128.92
TM3		℃	0	1	36.46	36.47	36.46	36.46	36.46	36.46	36.46	36.47	36.47	36.46	36.46	36.46	36.46	36.46	36.46	36.46

3월 9일 굴뚝별 트랜드

					03-09 00:00	03-09 00:30	03-09 01:00	03-09 01:30	03-09 02:00	03-09 02:30	03-09 03:00	03-09 03:30	03-09 04:00	03-09 04:30	03-09 05:00	03-09 05:30	03-09 06:00	03-09 06:30	03-09 07:00	03-09 07:30
TSP	20	mg/Sm³	12	1	0.60	0.52	0.44	0.52	0.46	0.45	0.56	0.51	0.60	0.55	0.52	0.54	0.49	0.55	0.47	0.55
SOx	30	ppm	12	1	1.16	0.00	0.00	0.00	0.05	0.03	0.00	0.00	2.27	0.00	0.00	0.00	0.82	0.82	3.45	0.01
NOx	70	ppm	12	1	35.87	15.55	23.12	15.33	20.39	22.76	11.78	17.28	25.86	10.93	18.68	17.70	17.23	14.46	22.73	18.77
HCl	15	ppm	12	1	4.29	2.30	0.73	2.41	1.45	1.69	3.11	1.27	5.72	2.08	0.11	1.57	3.33	6.64	4.86	4.86
CO	50	ppm	12	1	1.70	0.28	0.19	0.38	0.21	0.35	0.55	0.42	9.85	0.34	0.20	0.28	0.17	0.41	6.42	0.27
O_2		%	0	0.1	8.24	8.03	5.60	7.89	6.47	5.74	8.87	7.62	8.32	8.60	7.85	8.10	6.72	8.26	6.14	8.16
FL1		Sm³	12	10	12,898	12,809	15,592	12,847	14,298	15,307	11,918	14,206	13,771	12,291	14,019	13,723	15,598	13,563	16,061	13,464
TMP		℃	0	1	180.43	179.64	179.54	179.37	178.53	179.22	179.21	177.51	179.35	179.47	178.15	179.21	180.24	180.10	180.21	180.36
TM1		℃	0	1	1,164.19	1,062.36	1,115.49	1,043.07	1,102.07	1,125.03	1,027.25	1,039.38	1,115.26	1,038.72	1,048.57	1,030.51	1,071.69	1,006.07	1,111.53	1,046.93
TM3		℃	0	1	36.46	36.45	36.46	36.46	36.46	36.46	36.46	36.45	36.46	36.46	36.46	36.45	36.46	36.46	36.46	36.46

					03-09 08:00	03-09 08:30	03-09 09:00	03-09 09:30	03-09 10:00	03-09 10:30	03-09 11:00	03-09 11:30	03-09 12:00	03-09 12:30	03-09 13:00	03-09 13:30	03-09 14:00	03-09 14:30	03-09 15:00	03-09 15:30
TSP	20	mg/Sm³	12	1	0.65	0.55	0.49	0.52	0.54	0.52	0.50	0.49	0.63	0.57	0.52	0.52	0.51	0.51	0.48	0.49
SOx	30	ppm	12	1	0.00	0.00	0.49	0.00	0.08	1.94	1.85	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	18.81	16.49	22.56	22.98	22.15	25.40	26.33	24.67	24.93	14.46	18.84	16.53	14.23	14.88	17.74	18.00
HCl	15	ppm	12	1	3.07	1.93	1.71	2.50	3.65	8.35	8.89	4.07	3.76	0.92	0.29	0.77	0.69	0.37	0.22	0.59
CO	50	ppm	12	1	0.30	0.32	0.21	0.28	0.33	0.42	0.33	0.32	0.23	0.34	0.23	0.18	0.24	0.22	0.21	0.20
O_2		%	0	0.1	10.43	8.47	6.72	7.45	8.18	7.75	7.16	6.83	10.36	9.21	8.07	7.98	7.73	7.50	6.61	7.16
FL1		Sm³	12	10	11,822	13,368	15,392	14,496	13,388	13,878	14,714	15,163	11,504	12,045	13,474	13,961	14,480	14,442	15,005	14,705
TMP		℃	0	1	179.73	179.96	180.46	180.29	179.99	179.66	180.28	180.70	179.82	178.54	177.39	178.28	180.10	179.93	179.59	179.86
TM1		℃	0	1	1,056.41	1,018.42	1,087.25	1,067.51	1,072.05	1,066.12	1,082.33	1,093.41	1,074.94	1,007.15	1,026.41	1,042.47	1,029.70	1,027.15	1,068.31	1,075.33
TM3		℃	0	1	36.45	36.45	36.46	36.45	36.46	36.46	36.46	36.45	36.45	36.45	36.45	36.45	36.44	36.46	36.45	36.45

					03-09 16:00	03-09 16:30	03-09 17:00	03-09 17:30	03-09 18:00	03-09 18:30	03-09 19:00	03-09 19:30	03-09 20:00	03-09 20:30	03-09 21:00	03-09 21:30	03-09 22:00	03-09 22:30	03-09 23:00	03-09 23:30
TSP	20	mg/Sm³	12	1	0.65	0.51	0.53	0.50	0.50	0.52	0.50	0.49	0.64	0.50	0.54	0.61	0.51	0.51	0.51	0.54
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
NOx	70	ppm	12	1	18.87	14.24	13.89	17.89	14.66	13.53	15.60	17.20	17.31	17.22	15.04	12.88	15.93	18.15	21.98	17.49
HCl	15	ppm	12	1	0.42	0.03	0.00	0.19	0.56	0.53	1.56	3.59	3.60	0.94	0.82	0.62	0.14	1.75	1.36	2.93
CO	50	ppm	12	1	0.35	0.18	0.19	0.20	0.38	0.31	0.19	0.09	0.13	0.08	0.13	0.63	0.20	0.12	0.09	0.21
O_2		%	0	0.1	10.59	7.96	8.23	7.54	7.53	7.86	7.49	7.04	10.48	7.33	8.07	9.73	7.63	7.19	7.39	8.13
FL1		Sm³	12	10	11,017	13,218	12,928	13,746	14,041	13,377	13,776	14,353	11,284	13,922	12,997	11,457	13,774	14,453	13,943	13,088
TMP		℃	0	1	179.26	177.84	177.16	177.50	178.82	178.00	177.67	178.15	178.00	177.92	177.84	177.01	175.48	177.17	178.56	177.82
TM1		℃	0	1	1,044.47	1,024.19	1,024.90	1,061.06	1,035.14	1,021.95	1,058.02	1,063.01	1,046.81	1,070.77	1,049.00	979.40	1,034.47	1,072.73	1,070.87	1,051.90
TM3		℃	0	1	36.45	36.45	36.45	36.44	36.45	36.45	36.44	36.45	36.45	36.44	36.45	36.45	36.45	36.45	36.45	36.44

3월 10일 굴뚝별 트랜드

					03-10 00:00	03-10 00:30	03-10 01:00	03-10 01:30	03-10 02:00	03-10 02:30	03-10 03:00	03-10 03:30	03-10 04:00	03-10 04:30	03-10 05:00	03-10 05:30	03-10 06:00	03-10 06:30	03-10 07:00	03-10 07:30
TSP	20	mg/Sm³	12	1	0.66	0.53	0.51	0.54	0.56	0.53	0.55	0.50	0.64	0.58	0.52	0.60	0.49	0.56	0.48	0.51
SOx	30	ppm	12	1	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.09	0.00	2.33	0.11	12.73	1.26
NOx	70	ppm	12	1	18.84	18.70	15.62	11.72	14.58	15.21	13.20	14.92	22.93	11.94	14.85	10.87	17.30	14.24	18.74	16.99
HCl	15	ppm	12	1	1.87	5.21	3.69	1.51	0.46	0.59	0.56	0.47	1.68	2.25	2.58	3.78	3.92	5.41	8.22	6.70
CO	50	ppm	12	1	1.04	0.40	0.29	0.36	0.45	0.35	0.57	0.26	0.23	0.29	0.17	0.52	0.15	0.34	5.01	0.42
O_2		%	0	0.1	11.63	7.74	6.97	7.94	8.19	7.62	8.21	7.16	9.32	8.96	7.81	9.36	6.96	8.64	6.51	6.85
FL1		Sm³	12	10	11,178	14,263	14,475	13,195	13,797	13,992	13,378	14,239	12,040	12,050	13,319	11,759	14,388	12,556	15,171	14,741
TMP		℃	0	1	177.41	178.30	179.58	178.41	178.48	179.38	179.12	178.40	178.63	178.52	177.08	177.16	177.39	178.15	178.86	179.35
TM1		℃	0	1	957.68	1,000.27	1,028.28	1,005.27	990.63	1,013.62	987.27	1,036.36	1,078.41	1,031.13	1,045.81	992.90	1,080.72	1,031.23	1,097.16	1,085.36
TM3		℃	0	1	36.44	36.45	36.45	36.45	36.45	36.45	36.45	36.46	36.45	36.46	36.45	36.45	36.46	36.45	36.46	36.46

					03-10 08:00	03-10 08:30	03-10 09:00	03-10 09:30	03-10 10:00	03-10 10:30	03-10 11:00	03-10 11:30	03-10 12:00	03-10 12:30	03-10 13:00	03-10 13:30	03-10 14:00	03-10 14:30	03-10 15:00	03-10 15:30
TSP	20	mg/Sm³	12	1	0.61	0.57	0.51	0.52	0.52	0.48	0.48	0.54	0.63	0.53	0.48	0.51	0.53	0.45	0.49	0.53
SOx	30	ppm	12	1	2.01	0.00	0.30	0.07	4.04	0.05	0.52	0.00	0.00	0.00	0.03	0.00	0.01	0.13	0.33	0.10
NOx	70	ppm	12	1	28.17	21.01	18.20	18.39	16.13	23.32	21.68	16.52	22.10	18.33	22.56	21.64	15.92	21.65	22.49	17.08
HCl	15	ppm	12	1	6.24	3.75	2.37	2.15	7.41	2.82	3.84	2.24	1.56	1.02	0.89	1.04	0.75	0.90	1.24	1.27
CO	50	ppm	12	1	0.38	0.30	0.33	0.27	0.60	0.30	0.24	0.41	0.28	0.11	0.11	0.28	1.13	0.24	0.71	0.34
O_2		%	0	0.1	8.25	8.82	7.07	7.80	7.71	7.04	7.01	8.61	9.82	8.20	6.99	8.13	8.31	6.38	7.60	8.71
FL1		Sm³	12	10	13,046	12,550	14,194	13,326	13,627	14,558	14,464	12,591	10,889	12,589	14,051	13,189	13,025	14,983	13,505	12,318
TMP		℃	0	1	180.28	180.12	179.11	178.20	178.56	178.92	179.48	179.27	178.41	177.84	178.08	178.13	178.26	178.66	178.70	178.45
TM1		℃	0	1	1,153.21	1,054.19	1,093.73	1,076.14	1,083.69	1,102.89	1,109.79	1,036.09	1,110.17	1,095.63	1,157.45	1,080.21	1,037.33	1,120.75	1,082.73	1,067.55
TM3		℃	0	1	36.46	36.45	36.45	36.45	36.45	36.45	36.45	36.44	36.45	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					03-10 16:00	03-10 16:30	03-10 17:00	03-10 17:30	03-10 18:00	03-10 18:30	03-10 19:00	03-10 19:30	03-10 20:00	03-10 20:30	03-10 21:00	03-10 21:30	03-10 22:00	03-10 22:30	03-10 23:00	03-10 23:30
TSP	20	mg/Sm³	12	1	0.59	0.46	0.51	0.53	0.48	0.51	0.47	0.51	0.61	0.49	0.47	0.49	0.48	0.51	0.47	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.55	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.36	21.17	16.25	20.97	25.39	22.97	21.94	17.10	26.36	19.11	20.99	18.41	20.85	18.27	17.06	16.30
HCl	15	ppm	12	1	0.45	0.22	0.73	0.43	0.93	4.21	1.42	1.17	1.35	1.78	1.10	1.39	1.05	1.24	1.13	1.31
CO	50	ppm	12	1	0.42	0.11	0.15	0.17	0.24	0.25	0.23	0.42	0.50	0.38	0.40	0.38	0.25	0.39	0.38	0.35
O_2		%	0	0.1	10.31	7.31	8.43	8.69	7.35	8.01	7.01	7.94	9.56	7.60	6.75	7.14	7.16	7.93	6.74	6.64
FL1		Sm³	12	10	11,262	13,536	12,182	12,019	13,944	13,157	14,384	13,436	11,937	13,798	14,935	14,535	14,235	13,424	14,890	15,013
TMP		℃	0	1	177.05	175.72	175.99	176.31	176.08	177.13	177.80	177.97	177.89	178.84	179.18	179.39	178.94	178.71	178.52	179.08
TM1		℃	0	1	1,052.45	1,102.35	1,086.54	1,067.53	1,097.94	1,079.27	1,091.25	1,041.49	1,061.58	1,047.89	1,072.57	1,073.01	1,079.27	1,058.95	1,056.06	1,060.50
TM3		℃	0	1	36.44	36.45	36.45	36.45	36.45	36.45	36.44	36.44	36.44	36.44	36.45	36.44	36.44	36.44	36.44	36.44