4월 27일 굴뚝별 트랜드

					04-27 00:00	04-27 00:30	04-27 01:00	04-27 01:30	04-27 02:00	04-27 02:30	04-27 03:00	04-27 03:30	04-27 04:00	04-27 04:30	04-27 05:00	04-27 05:30	04-27 06:00	04-27 06:30	04-27 07:00	04-27 07:30
TSP	20	mg/Sm³	12	1	0.41	0.33	0.36	0.36	0.3	0.35	0.31	0.36	0.43	0.33	0.3	0.33	0.3	0.34	0.31	0.33
SOx	30	ppm	12	1	0.05	0.01	2.93	0.97	0.17	0	0	0	0	0	0	0	0.61	0.01	0.1	1.03
NOx	70	ppm	12	1	21.59	13.81	12.43	14.85	19.23	13.2	15.44	14.92	15.05	11.46	11.78	9.74	13.86	10.8	15.91	17.25
HCl	15	ppm	12	1	4.89	5.35	5.99	10.29	5.51	4.98	3.75	4.26	3.79	2.86	3.2	3.97	4.39	4.2	3.26	5.31
CO	50	ppm	12	1	4.26	0.37	16.01	0.66	27.43	0.69	1.09	0.85	1.14	4.77	9.95	0.53	31.17	24.17	28.13	2.3
O_2		%	0	0.1	8.44	6.93	7.62	8	5.3	7.6	5.96	7.9	10	7.08	5.85	6.82	5.25	6.96	6.37	6.77
FL1		Sm³	12	10	11,412.7	12,656.5	12,224.3	11,821.9	14,662.6	12,467.8	14,204.3	12,145.2	10,706	12,074.4	12,873.9	12,031.9	13,140.4	11,598	11,842.2	11,900.5
TMP		℃	0	1	183.09	183.88	184.08	183.78	184.1	183.56	182.97	182.67	181.08	177.56	175.62	177.11	179.17	179.24	177.89	179.65
TM1		℃	0	1	1,116.69	1,070.02	1,037.7	1,025.74	1,097.04	1,026.75	1,074.02	1,018.12	1,010.83	1,001.9	1,059.76	1,042.08	1,112.51	1,081.51	1,114.11	1,105.84
TM3		℃	0	1	36.55	36.55	36.56	36.55	36.56	36.56	36.56	36.56	36.56	36.56	36.55	36.55	36.55	36.55	36.55	36.55

					04-27 08:00	04-27 08:30	04-27 09:00	04-27 09:30	04-27 10:00	04-27 10:30	04-27 11:00	04-27 11:30	04-27 12:00	04-27 12:30	04-27 13:00	04-27 13:30	04-27 14:00	04-27 14:30	04-27 15:00	04-27 15:30
TSP	20	mg/Sm³	12	1	0.41	0.33	0.35	0.25	0.25	0.26	0.55	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.22
SOx	30	ppm	12	1	0	0	0	3.96	0	1	1.84	0	0.02	0.09	4.37	1.2	0.47	0	0	1.45
NOx	70	ppm	12	1	22.67	17.92	9.34	20.83	23.25	31.67	30.96	25.88	29.51	31.7	21.28	15.4	36.21	26.1	35.44	38.48
HCl	15	ppm	12	1	7.32	5.27	5.34	10.38	9.29	9.01	5.14	7.54	6.54	8.6	2.65	1.43	5.19	3.34	3.8	5.47
CO	50	ppm	12	1	0.45	0.21	0.42	30.71	1.05	0.14	0.33	1.39	0.49	0.4	0.14	0.1	0.48	1.08	0.84	24.9
O_2		%	0	0.1	9.12	6.56	7.56	6.5	6.02	8.45	9.45	10.15	9.34	7.51	14.43	16.31	8.55	12.48	10.21	6.78
FL1		Sm³	12	10	10,454.8	12,630.7	11,501.4	15,377.1	15,405	16,198.6	16,789.9	16,636.9	16,105.6	15,726.4	16,208.3	16,363.5	16,290.8	16,300.5	16,322.3	15,914.9
TMP		℃	0	1	181.47	182.44	182.45	182.18	182.18	182.79	184.79	185.67	184.01	183.36	184.35	185.26	185.36	184.84	184.17	184.37
TM1		℃	0	1	1,098.64	1,099.44	1,041.76	1,086.9	1,093.81	1,115.64	1,071.86	1,075.33	1,083.03	1,073.73	1,111.97	1,100.56	1,097.43	1,067.03	1,068.21	1,084.61
TM3		℃	0	1	36.55	36.56	36.57	36.56	36.57	36.56	36.54	36.53	36.51	36.52	36.53	36.53	36.52	36.52	36.52	36.51

					04-27 16:00	04-27 16:30	04-27 17:00	04-27 17:30	04-27 18:00	04-27 18:30	04-27 19:00	04-27 19:30	04-27 20:00	04-27 20:30	04-27 21:00	04-27 21:30	04-27 22:00	04-27 22:30	04-27 23:00	04-27 23:30
TSP	20	mg/Sm³	12	1	0.22	0.22	0.24	0.26	0.27	0.27	0.31	0.34	0.38	0.29	0.31	0.33	0.31	0.32	0.32	0.33
SOx	30	ppm	12	1	0	0	0	0.48	0.01	0	0.02	0	0.1	4.45	0.35	0	0.1	0	0.52	1.76
NOx	70	ppm	12	1	34.48	36.51	30.6	16.47	13.29	15.04	15.82	11.75	27.49	24.63	24.69	23.83	25.02	23.83	23.19	23.13
HCl	15	ppm	12	1	5.67	4.74	3.53	2.62	2.98	3.58	3.79	3.7	3.24	4.17	5.42	4.27	3.21	4	3.24	4.37
CO	50	ppm	12	1	2	0.63	0.5	23.43	22.81	0.51	27.31	0.94	0.43	0.18	0.21	0.34	0.38	0.42	7.85	3.42
O_2		%	0	0.1	9.81	6.61	5.99	5.45	6.04	6.25	7.41	8.56	9.35	6.49	7.28	8.54	7.64	8.36	7.7	7.98
FL1		Sm³	12	10	16,167.1	16,614.5	15,543	13,917.3	12,928	12,647.6	12,098.9	10,900.6	10,663.9	13,313.1	12,332.6	11,055	12,028	11,291.2	12,085.1	11,624.8
TMP		℃	0	1	183.85	184.13	185.36	185.28	184.56	184.24	184.76	183.97	183.41	184.35	184.35	183.25	182.69	182.74	182.95	182.71
TM1		℃	0	1	1,062.32	1,080.41	1,095.32	1,108.88	1,079.51	1,102.77	1,044.57	1,001.31	1,101.83	1,123.97	1,115.45	1,064.95	1,088.98	1,059.57	1,075.87	1,081.42
TM3		℃	0	1	36.52	36.52	36.52	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.53	36.52

4월 28일 굴뚝별 트랜드

					04-28 00:00	04-28 00:30	04-28 01:00	04-28 01:30	04-28 02:00	04-28 02:30	04-28 03:00	04-28 03:30	04-28 04:00	04-28 04:30	04-28 05:00	04-28 05:30	04-28 06:00	04-28 06:30	04-28 07:00	04-28 07:30
TSP	20	mg/Sm³	12	1	0.39	0.3	0.33	0.34	0.33	0.33	0.31	0.33	0.37	0.32	0.33	0.3	0.3	0.34	0.29	0.3
SOx	30	ppm	12	1	1.47	1.2	0.03	0.16	1.18	0.45	2.26	1.6	0.32	1.09	0	1.76	1.5	0	2.16	0
NOx	70	ppm	12	1	32.26	29.12	27.83	28.13	27.42	25.66	22.2	20.26	26.7	24.68	21.31	19.74	24.08	18.96	19.29	17.79
HCl	15	ppm	12	1	3.47	2.58	3.8	4.29	4.41	4.02	3.59	4.62	2.67	3.42	3.18	1.83	2.22	2.68	1.52	1.88
CO	50	ppm	12	1	1.17	11.84	0.23	0.31	0.35	4.14	18.54	0.61	13.97	0.3	0.39	23.34	9.96	0.57	40.55	0.52
O_2		%	0	0.1	10.46	6.86	7.97	8.54	7.85	7.95	7.18	8.03	8.78	7.8	8.06	6.99	6.81	8.17	6.41	7.13
FL1		Sm³	12	10	10,147.3	12,938.1	11,589	11,030.9	11,766.7	11,713.5	12,536.7	11,533.9	10,745.9	12,126.8	11,734.4	13,052.2	13,214.5	11,944.8	13,024.7	12,627.6
TMP		℃	0	1	182.78	182.89	182.75	182.88	183.22	183.33	183.28	183.31	182.5	182.95	183.06	183.13	183.43	183.3	183.26	183.19
TM1		℃	0	1	1,099.15	1,124.06	1,105.8	1,071.87	1,092.26	1,082.07	1,098.85	1,080.87	1,124.09	1,083.01	1,050.84	1,080.4	1,098.77	1,036.25	1,084.91	1,072.02
TM3		℃	0	1	36.52	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.52	36.53	36.52	36.51	36.51

					04-28 08:00	04-28 08:30	04-28 09:00	04-28 09:30	04-28 10:00	04-28 10:30	04-28 11:00	04-28 11:30	04-28 12:00	04-28 12:30	04-28 13:00	04-28 13:30	04-28 14:00	04-28 14:30	04-28 15:00	04-28 15:30
TSP	20	mg/Sm³	12	1	0.37	0.29	0.29	0.29	0.27	0.29	0.29	0.27	0.36	0.29	0.27	0.28	0.27	0.27	0.26	0.27
SOx	30	ppm	12	1	0	0	0	0	0.07	0	0	0.2	1.25	1.89	0	0	1.34	0.17	0.04	0
NOx	70	ppm	12	1	23.1	16.68	13.5	17.52	17.09	12.61	16.08	19.57	21.77	21.11	17.8	17.32	13.29	15.38	18.11	17.69
HCl	15	ppm	12	1	2.46	2.03	2.36	2.68	2.41	3.22	3.71	2.88	3.19	3.87	2.91	2.71	2.39	2.76	2.33	2.8
CO	50	ppm	12	1	0.88	0.48	1.38	0.41	0.28	0.49	0.25	0.17	0.64	9.44	0.33	0.51	18.02	0.84	2.32	0.32
O_2		%	0	0.1	9.66	6.67	6.8	7.06	6.13	6.98	7	6.12	8.68	6.68	6.86	6.91	6.51	6.54	6.13	6.41
FL1		Sm³	12	10	10,831.7	13,217.7	13,094.6	12,797.2	13,780.7	12,926	12,533.3	13,485.2	11,331.5	12,972.8	12,891.1	12,890	13,120.4	13,030.9	13,496.1	13,228.6
TMP		℃	0	1	183.2	184.47	184.71	183.86	184.31	185.34	185.27	185.31	185.84	185.94	185.59	184.99	185.16	185.48	185.67	185.63
TM1		℃	0	1	1,053.51	1,064.89	1,056.72	1,047.25	1,083.11	1,051.05	1,060.87	1,108.73	1,104.15	1,097.94	1,081.17	1,055.99	1,059.75	1,069.81	1,080.61	1,083.4
TM3		℃	0	1	36.51	36.53	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-28 16:00	04-28 16:30	04-28 17:00	04-28 17:30	04-28 18:00	04-28 18:30	04-28 19:00	04-28 19:30	04-28 20:00	04-28 20:30	04-28 21:00	04-28 21:30	04-28 22:00	04-28 22:30	04-28 23:00	04-28 23:30
TSP	20	mg/Sm³	12	1	0.36	0.27	0.28	0.28	0.26	0.29	0.31	0.27	0.37	0.27	0.27	0.28	0.29	0.28	0.29	0.31
SOx	30	ppm	12	1	0.49	1.48	0.42	10.27	0.56	0.07	1.21	1.13	0	0.24	1.82	0.5	0	0.11	4.56	0.03
NOx	70	ppm	12	1	13.64	17.72	14.65	17.92	22.57	17.04	14.18	22.05	26.71	19.87	21.84	19.69	21.16	22.13	21.62	17.57
HCl	15	ppm	12	1	3.54	3.52	4.04	6.39	4.34	4.87	4.42	4.67	5.45	3.21	4.36	4.61	4.74	4.02	4.71	3.86
CO	50	ppm	12	1	14	6.02	0.42	15.38	1.57	0.56	4.67	0.25	0.64	0.59	0.75	0.58	0.3	0.32	14.16	2.05
O_2		%	0	0.1	9.62	6.47	7.13	6.59	5.91	7.44	7.84	6.77	10.47	6.61	6.57	7.04	7.48	7.15	7.05	7.91
FL1		Sm³	12	10	10,507.4	13,193.4	12,392	13,141.4	13,719.9	12,198.1	11,952.4	12,927.8	10,013.6	13,359.4	13,400.7	12,786.5	12,169.6	12,791.4	12,454.1	12,005
TMP		℃	0	1	186.08	186.37	186.01	186.49	186.71	185.88	185.39	185.29	185.48	185.73	185.4	185.24	184.84	184.89	184.6	184.42
TM1		℃	0	1	1,044.28	1,074.21	1,056.84	1,082.73	1,105.02	1,041.41	1,028.41	1,117.9	1,056.49	1,066.39	1,096.73	1,078.33	1,076.7	1,072.53	1,100.01	1,048.31
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

4월 29일 굴뚝별 트랜드

					04-29 00:00	04-29 00:30	04-29 01:00	04-29 01:30	04-29 02:00	04-29 02:30	04-29 03:00	04-29 03:30	04-29 04:00	04-29 04:30	04-29 05:00	04-29 05:30	04-29 06:00	04-29 06:30	04-29 07:00	04-29 07:30
TSP	20	mg/Sm³	12	1	0.38	0.29	0.31	0.3	0.34	0.3	0.31	0.3	0.38	0.31	0.29	0.32	0.33	0.31	0.31	0.32
SOx	30	ppm	12	1	0.61	3.35	0.01	0.45	0	0	0.01	0.05	0	0	7.91	5.03	0.14	0.98	0.03	1.41
NOx	70	ppm	12	1	25.1	19.93	20.76	21.81	23.05	19.76	20.53	20.4	29.56	19.57	22.47	21.55	21.82	21.45	26.33	23.44
HCl	15	ppm	12	1	4.81	4.72	5.64	5.39	5.49	3.99	3.9	3.45	3.97	3.16	2.58	5.35	4.02	4.64	4.1	5.49
CO	50	ppm	12	1	0.61	4.12	0.32	0.4	0.56	1.67	0.43	0.25	0.17	0.68	31.03	11.87	0.92	0.73	0.28	0.32
O_2		%	0	0.1	10.25	6.89	7.64	7.31	8.79	7.06	7.47	7.04	9.77	7.17	6.54	7.48	8.13	7.32	7.5	7.74
FL1		Sm³	12	10	10,087	12,646.3	12,096.2	12,459.7	10,998.4	12,751.1	11,835.6	11,782.1	9,937.56	11,725.9	13,046.5	12,081.1	11,648.2	12,191.2	11,991.3	12,118
TMP		℃	0	1	184.51	184.18	184.02	184.53	183.99	183.77	182.71	181.83	182.09	181.69	182.13	183.03	183.38	183.24	183.42	183.51
TM1		℃	0	1	1,050.01	1,086.46	1,083.36	1,090.35	1,024.89	1,072.73	1,063.63	1,113.53	1,107.77	1,104.18	1,119.49	1,096.16	1,048.13	1,089.81	1,093.34	1,089.25
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.54	36.55	36.55

					04-29 08:00	04-29 08:30	04-29 09:00	04-29 09:30	04-29 10:00	04-29 10:30	04-29 11:00	04-29 11:30	04-29 12:00	04-29 12:30	04-29 13:00	04-29 13:30	04-29 14:00	04-29 14:30	04-29 15:00	04-29 15:30
TSP	20	mg/Sm³	12	1	0.4	0.32	0.3	0.32	0.32	0.33	0.25	0.36	0.37	0.29	0.24	0.27	0.29	0.26	0.26	0.3
SOx	30	ppm	12	1	7.52	0	0	0	0.02	0	10.97	0.49	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	26.27	19.11	19.3	23.16	21.99	21.21	24.81	10.74	21.46	17.22	17.45	14.88	14.36	12.32	16.98	9.88
HCl	15	ppm	12	1	9.47	5.99	3.87	3.53	4.21	3.96	3.4	11.5	3.89	2.71	1.56	2.54	2.98	2.72	2.45	3.59
CO	50	ppm	12	1	12.21	0.54	0.28	0.46	0.57	0.87	10.54	0.92	0.67	16.69	5.66	1.28	0.48	30.56	0.35	0.7
O_2		%	0	0.1	9.67	7.52	7.47	8.13	8.45	8.86	5.69	9.15	10.13	7.86	5.81	6.88	7.59	6.07	6.16	7.89
FL1		Sm³	12	10	9,928.65	11,505.6	12,222.5	12,096.7	11,639.3	11,358.7	14,761.2	9,744.08	9,729.41	11,108.2	13,521.1	12,292.5	11,691.8	13,007.9	13,211	11,275.4
TMP		℃	0	1	184.04	183.05	182.39	182.96	183.78	183.55	183.85	184.1	180.78	176.39	174.77	177.4	179.77	181.58	182.61	182.87
TM1		℃	0	1	1,122.79	1,082.61	1,081.75	1,058.09	1,044.5	1,006.74	1,126.52	1,008.3	1,034.59	1,025.24	1,092.89	1,069.92	1,040.91	1,087.25	1,088.97	1,020.46
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-29 16:00	04-29 16:30	04-29 17:00	04-29 17:30	04-29 18:00	04-29 18:30	04-29 19:00	04-29 19:30	04-29 20:00	04-29 20:30	04-29 21:00	04-29 21:30	04-29 22:00	04-29 22:30	04-29 23:00	04-29 23:30
TSP	20	mg/Sm³	12	1	0.33	0.26	0.26	0.25	0.27	0.27	0.26	0.28	0.36	0.27	0.3	0.3	0.3	0.29	0.27	0.28
SOx	30	ppm	12	1	0.05	0.01	0	2.25	0.12	6.3	5.36	5.44	8.31	3.41	0	0	0	0.59	3.28	0
NOx	70	ppm	12	1	10.92	6.14	7.74	7.88	8.99	9.68	10.3	14.4	21.08	17.99	14.48	17.96	17.7	17.45	14.28	14.95
HCl	15	ppm	12	1	2.77	2.58	2.18	2.39	3.52	4.38	5.13	7.78	9.61	6.2	6.31	4.65	4.5	3.73	4.32	5.09
CO	50	ppm	12	1	37.45	17.35	9.19	51.11	0.53	26.72	20.83	0.31	0.26	6.63	0.36	0.36	0.42	9.34	3.28	0.29
O_2		%	0	0.1	8.53	6.45	6.18	4.99	6.57	6.24	6.11	6.82	9.19	5.78	7.45	7.73	7.85	7.7	6.66	7
FL1		Sm³	12	10	11,628.4	12,678.5	13,730.1	15,345.4	13,672.9	13,808.6	14,051.1	13,189.3	11,186.8	14,343.9	12,650.3	12,347.4	12,004.4	12,474.1	13,411.8	13,048.3
TMP		℃	0	1	181.87	181.45	182.97	184.44	186.27	186.44	186.62	187	187.47	187.57	186.56	185.79	185.38	184.73	185.35	186.12
TM1		℃	0	1	1,041.5	1,050.69	1,058.33	1,095.97	1,064.45	1,073.61	1,088.8	1,082.45	1,103.2	1,118.55	1,067.88	1,052.31	1,049.19	1,043.78	1,075.81	1,068.84
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55