5월 19일 굴뚝별 트랜드

					05-19 00:00	05-19 00:30	05-19 01:00	05-19 01:30	05-19 02:00	05-19 02:30	05-19 03:00	05-19 03:30	05-19 04:00	05-19 04:30	05-19 05:00	05-19 05:30	05-19 06:00	05-19 06:30	05-19 07:00	05-19 07:30
TSP	20	mg/Sm³	12	1	0.76	0.63	0.56	0.59	0.62	0.58	0.60	0.57	0.78	0.60	0.65	0.68	0.54	0.59	0.63	0.62
SOx	30	ppm	12	1	0.27	0.03	1.55	0.21	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
NOx	70	ppm	12	1	19.56	12.22	18.00	15.98	17.00	22.01	20.36	23.67	27.16	17.80	13.83	11.92	18.64	15.09	17.39	16.03
HCl	15	ppm	12	1	4.38	4.27	4.15	5.02	2.77	3.44	5.46	3.63	6.05	3.32	2.80	2.40	1.71	3.39	3.11	2.91
CO	50	ppm	12	1	0.79	1.91	18.12	1.52	0.49	0.28	0.51	0.27	0.41	0.31	0.45	0.86	3.10	2.52	0.35	0.26
O_2		%	0	0.1	9.62	7.20	5.50	6.36	6.89	6.00	6.51	6.03	9.79	6.79	7.80	8.33	5.16	6.06	7.25	7.42
FL1		Sm³	12	10	12,172	14,550	16,820	15,440	14,910	15,864	15,222	16,032	12,113	14,933	13,892	13,306	17,219	15,994	14,437	13,861
TMP		℃	0	1	180.97	180.69	182.58	183.09	182.35	182.57	182.90	182.60	182.61	182.42	182.10	181.90	182.06	183.17	182.73	181.69
TM1		℃	0	1	1,010.53	1,022.34	1,095.68	1,071.77	1,050.45	1,097.38	1,081.28	1,099.23	1,042.50	1,052.78	1,006.07	973.05	1,102.20	1,072.39	1,035.93	1,056.39
TM3		℃	0	1	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05

					05-19 08:00	05-19 08:30	05-19 09:00	05-19 09:30	05-19 10:00	05-19 10:30	05-19 11:00	05-19 11:30	05-19 12:00	05-19 12:30	05-19 13:00	05-19 13:30	05-19 14:00	05-19 14:30	05-19 15:00	05-19 15:30
TSP	20	mg/Sm³	12	1	0.75	0.60	0.58	0.62	0.60	0.62	0.56	0.57	0.76	0.59	0.56	0.59	0.56	0.54	0.57	0.54
SOx	30	ppm	12	1	0.05	0.18	0.00	0.00	0.00	0.00	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	20.03	17.52	24.97	16.60	18.10	14.27	14.31	12.33	12.48	10.55	13.56	9.33	9.34	13.45	8.95	15.57
HCl	15	ppm	12	1	3.00	3.43	1.79	2.44	1.65	1.92	1.45	1.61	2.10	1.38	1.54	1.81	1.28	1.64	1.98	1.88
CO	50	ppm	12	1	1.02	1.11	0.25	0.45	0.52	0.43	0.35	1.00	0.40	0.47	1.22	0.54	0.26	0.39	0.95	0.82
O_2		%	0	0.1	8.58	6.37	6.04	7.71	6.98	7.28	6.66	6.47	9.85	6.97	6.35	7.72	6.71	6.16	6.23	5.96
FL1		Sm³	12	10	13,741	15,335	15,816	13,518	14,637	14,342	14,915	15,120	11,598	14,525	15,129	13,422	14,515	15,414	15,548	15,644
TMP		℃	0	1	182.22	182.97	182.73	182.02	181.73	181.94	181.23	181.42	181.50	181.54	181.83	181.35	180.72	181.70	182.37	182.37
TM1		℃	0	1	1,079.56	1,075.28	1,076.26	1,024.85	1,038.40	1,002.45	1,039.72	1,046.79	1,016.31	1,013.27	1,048.89	998.39	1,037.49	1,066.67	1,036.16	1,075.99
TM3		℃	0	1	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05

					05-19 16:00	05-19 16:30	05-19 17:00	05-19 17:30	05-19 18:00	05-19 18:30	05-19 19:00	05-19 19:30	05-19 20:00	05-19 20:30	05-19 21:00	05-19 21:30	05-19 22:00	05-19 22:30	05-19 23:00	05-19 23:30
TSP	20	mg/Sm³	12	1	0.73	0.62	0.63	0.54	0.54	0.63	0.60	0.58	0.78	0.59	0.58	0.59	0.60	0.61	0.59	0.61
SOx	30	ppm	12	1	2.33	0.00	0.00	0.00	0.00	0.00	0.00	1.47	3.12	0.00	0.00	0.00	0.00	0.01	1.85	2.46
NOx	70	ppm	12	1	17.19	12.69	11.49	18.14	19.24	12.41	12.00	16.62	26.13	19.20	26.63	25.46	23.93	29.55	28.98	29.08
HCl	15	ppm	12	1	3.27	1.56	1.03	1.31	2.29	2.19	1.65	1.91	4.33	2.61	2.20	2.09	2.69	2.20	3.78	6.61
CO	50	ppm	12	1	35.16	0.44	0.66	0.92	0.45	0.50	0.39	0.65	1.23	0.26	0.11	0.15	0.20	0.24	0.16	0.17
O_2		%	0	0.1	8.62	7.44	7.63	5.26	5.45	7.59	7.34	6.75	8.38	5.82	5.90	6.07	6.23	6.27	6.00	6.54
FL1		Sm³	12	10	11,935	13,799	13,910	16,712	16,208	13,763	13,696	14,628	12,744	15,927	15,639	15,602	15,328	15,481	15,617	14,797
TMP		℃	0	1	182.39	181.42	181.30	182.36	182.97	182.22	180.89	180.76	181.91	182.29	181.94	182.10	182.22	182.03	182.00	181.37
TM1		℃	0	1	1,079.59	1,017.06	989.17	1,085.05	1,092.09	1,003.17	1,018.46	1,050.97	1,087.91	1,085.07	1,108.78	1,097.07	1,094.76	1,080.25	1,109.67	1,099.75
TM3		℃	0	1	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05

5월 20일 굴뚝별 트랜드

					05-20 00:00	05-20 00:30	05-20 01:00	05-20 01:30	05-20 02:00	05-20 02:30	05-20 03:00	05-20 03:30	05-20 04:00	05-20 04:30	05-20 05:00	05-20 05:30	05-20 06:00	05-20 06:30	05-20 07:00	05-20 07:30
TSP	20	mg/Sm³	12	1	0.76	0.59	0.60	0.60	0.63	0.61	0.63	0.58	0.81	0.58	0.61	0.76	0.67	0.59	0.57	0.66
SOx	30	ppm	12	1	0.65	2.65	0.00	0.00	0.00	0.00	0.00	0.65	0.34	0.00	0.00	0.00	0.00	0.00	0.31	0.00
NOx	70	ppm	12	1	39.64	39.59	38.65	37.39	31.90	33.10	29.93	33.23	52.96	34.92	27.22	18.87	18.74	17.72	17.87	14.16
HCl	15	ppm	12	1	4.51	7.05	4.27	2.83	2.10	2.21	1.80	1.94	2.40	1.33	1.79	2.04	0.26	1.11	2.97	3.50
CO	50	ppm	12	1	1.15	0.08	0.15	0.14	0.19	0.20	0.25	7.74	0.22	0.24	0.24	0.85	0.80	2.02	8.83	0.43
O_2		%	0	0.1	8.62	5.82	6.27	6.10	6.71	6.41	6.62	5.26	9.44	5.54	6.43	9.23	7.95	6.19	5.06	7.20
FL1		Sm³	12	10	13,195	15,667	15,403	15,422	14,922	15,194	14,956	16,508	11,847	16,177	15,109	11,787	13,526	15,851	17,103	14,453
TMP		℃	0	1	180.91	181.42	181.60	181.26	180.86	180.57	180.12	180.47	180.90	180.75	180.98	180.19	177.67	177.45	181.58	182.27
TM1		℃	0	1	1,094.55	1,141.61	1,110.37	1,118.51	1,086.94	1,094.33	1,083.80	1,138.62	1,124.92	1,142.85	1,106.87	970.51	989.41	1,042.13	1,095.39	1,012.20
TM3		℃	0	1	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05

					05-20 08:00	05-20 08:30	05-20 09:00	05-20 09:30	05-20 10:00	05-20 10:30	05-20 11:00	05-20 11:30	05-20 12:00	05-20 12:30	05-20 13:00	05-20 13:30	05-20 14:00	05-20 14:30	05-20 15:00	05-20 15:30
TSP	20	mg/Sm³	12	1	0.82	0.65	0.61	0.61	0.62	0.61	0.58	0.62	0.74	0.58	0.52	0.57	0.62	0.64	0.67	0.63
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
NOx	70	ppm	12	1	29.38	19.24	19.13	18.54	16.92	20.27	24.83	18.30	28.03	18.99	19.95	23.31	21.88	18.60	21.45	23.82
HCl	15	ppm	12	1	3.32	3.86	2.38	2.37	3.58	2.41	1.88	3.07	1.84	1.69	1.93	3.17	2.42	2.93	4.89	7.73
CO	50	ppm	12	1	0.97	0.44	0.46	1.14	0.37	0.50	0.40	0.56	1.79	0.57	1.09	0.23	0.45	0.48	0.68	0.55
O_2		%	0	0.1	8.49	7.10	6.76	6.53	6.83	7.19	6.68	7.57	9.53	6.95	5.28	6.63	7.68	7.52	8.45	7.57
FL1		Sm³	12	10	12,702	14,415	14,884	15,048	14,594	14,101	14,616	13,273	11,662	14,121	16,074	14,951	13,965	14,468	13,761	14,427
TMP		℃	0	1	182.41	182.61	182.31	182.15	181.87	181.51	181.36	181.29	179.96	179.19	180.84	182.35	182.18	182.61	183.50	183.79
TM1		℃	0	1	1,080.54	1,047.64	1,048.06	1,065.39	1,049.93	1,043.80	1,070.51	1,022.59	1,035.54	1,041.06	1,093.77	1,072.44	1,036.19	1,037.27	996.54	1,040.69
TM3		℃	0	1	36.06	36.05	36.05	36.05	36.06	36.05	36.06	36.06	36.07	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					05-20 16:00	05-20 16:30	05-20 17:00	05-20 17:30	05-20 18:00	05-20 18:30	05-20 19:00	05-20 19:30	05-20 20:00	05-20 20:30	05-20 21:00	05-20 21:30	05-20 22:00	05-20 22:30	05-20 23:00	05-20 23:30
TSP	20	mg/Sm³	12	1	0.75	0.54	0.58	0.56	0.60	0.67	0.63	0.60	0.84	0.70	0.64	0.68	0.63	0.59	0.63	0.61
SOx	30	ppm	12	1	0.07	0.00	0.00	2.67	2.55	0.00	0.23	1.08	0.00	0.21	1.39	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	29.51	18.56	16.16	20.88	19.25	15.16	15.28	23.58	16.29	15.56	17.74	15.63	14.19	11.95	15.43	15.53
HCl	15	ppm	12	1	7.23	3.11	3.24	4.82	13.20	8.06	7.13	6.17	9.13	5.60	7.60	8.77	6.06	3.10	3.05	1.95
CO	50	ppm	12	1	0.48	0.91	0.53	1.82	0.77	0.47	0.38	0.24	0.49	0.68	0.99	0.86	1.32	6.95	0.30	0.42
O_2		%	0	0.1	8.30	5.33	6.24	5.84	6.64	7.89	6.82	5.98	10.35	8.19	6.96	7.84	6.97	5.85	6.76	6.29
FL1		Sm³	12	10	12,392	15,861	14,923	15,508	14,718	13,708	15,054	16,051	11,398	13,476	15,144	14,165	14,858	16,086	14,836	15,531
TMP		℃	0	1	183.59	182.75	182.07	182.15	182.78	182.47	182.97	183.40	183.32	182.79	182.51	182.88	183.30	183.33	182.68	182.02
TM1		℃	0	1	1,121.36	1,110.44	1,083.83	1,103.02	1,075.65	1,014.18	1,040.63	1,090.97	1,030.80	991.52	1,028.30	992.99	1,024.65	1,061.19	1,031.37	1,064.99
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

5월 21일 굴뚝별 트랜드

					05-21 00:00	05-21 00:30	05-21 01:00	05-21 01:30	05-21 02:00	05-21 02:30	05-21 03:00	05-21 03:30	05-21 04:00	05-21 04:30	05-21 05:00	05-21 05:30	05-21 06:00	05-21 06:30	05-21 07:00	05-21 07:30
TSP	20	mg/Sm³	12	1	0.82	0.66	0.64	0.61	0.62	0.64	0.62	0.61	0.78	0.59	0.58	0.61	0.63	0.65	0.60	0.68
SOx	30	ppm	12	1	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.87
NOx	70	ppm	12	1	21.87	16.93	14.84	17.41	15.53	14.74	10.54	16.97	21.51	17.76	16.43	13.60	18.03	20.33	26.86	21.11
HCl	15	ppm	12	1	2.99	2.41	2.48	2.11	2.66	3.76	3.10	2.32	2.44	1.42	1.57	2.00	1.84	2.73	1.84	7.78
CO	50	ppm	12	1	0.40	0.33	0.35	0.61	1.00	0.46	0.47	0.26	0.30	0.53	2.01	0.62	0.49	0.54	0.30	0.23
O_2		%	0	0.1	9.95	7.41	7.26	6.56	6.26	6.85	7.28	7.14	9.89	6.55	6.04	6.63	6.88	7.22	5.86	7.45
FL1		Sm³	12	10	12,000	14,416	14,436	15,248	15,877	14,995	13,982	13,746	11,110	14,227	14,743	14,341	14,608	14,547	16,748	15,131
TMP		℃	0	1	182.45	182.72	182.47	182.36	183.06	183.33	182.08	180.84	180.28	180.21	180.31	180.53	180.50	181.68	182.88	184.04
TM1		℃	0	1	1,033.19	1,024.99	1,023.21	1,057.85	1,057.35	1,046.49	1,020.52	1,050.20	1,041.73	1,060.10	1,065.99	1,044.32	1,040.82	1,049.10	1,098.23	1,070.06
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.10	36.09

					05-21 08:00	05-21 08:30	05-21 09:00	05-21 09:30	05-21 10:00	05-21 10:30	05-21 11:00	05-21 11:30	05-21 12:00	05-21 12:30	05-21 13:00	05-21 13:30	05-21 14:00	05-21 14:30	05-21 15:00	05-21 15:30
TSP	20	mg/Sm³	12	1	0.82	0.59	0.61	0.65	0.67	0.68	0.63	0.60	0.83	0.62	0.65	0.64	0.59	0.60	0.59	0.62
SOx	30	ppm	12	1	0.00	0.52	5.80	0.02	0.00	0.00	0.00	0.99	0.00	0.00	0.31	0.03	0.49	0.40	1.60	0.00
NOx	70	ppm	12	1	23.32	21.86	16.66	16.62	14.68	17.19	19.73	19.85	24.38	20.62	18.87	21.50	19.04	20.47	22.42	21.61
HCl	15	ppm	12	1	7.21	2.96	9.34	4.54	4.55	3.52	3.71	5.10	6.53	3.31	5.32	4.56	7.62	6.72	5.85	4.39
CO	50	ppm	12	1	0.57	0.31	1.63	0.80	0.55	0.40	0.54	3.92	0.31	0.32	0.36	0.40	0.78	0.99	1.69	0.24
O_2		%	0	0.1	10.04	5.84	6.13	7.09	7.73	7.80	6.68	6.00	10.17	6.70	7.36	7.04	6.42	6.38	6.42	7.26
FL1		Sm³	12	10	11,795	16,095	15,551	14,622	13,879	13,982	15,356	16,043	11,613	15,178	14,306	14,788	15,524	15,469	15,383	14,470
TMP		℃	0	1	182.62	182.22	183.25	182.60	182.17	182.16	182.74	183.07	182.79	182.55	182.82	182.69	183.10	183.33	183.05	182.71
TM1		℃	0	1	1,033.51	1,111.27	1,111.85	1,071.65	1,035.51	1,015.06	1,060.17	1,092.21	1,029.64	1,061.66	1,036.98	1,035.90	1,069.43	1,076.35	1,078.98	1,034.85
TM3		℃	0	1	36.10	36.11	36.12	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					05-21 16:00	05-21 16:30	05-21 17:00	05-21 17:30	05-21 18:00	05-21 18:30	05-21 19:00	05-21 19:30	05-21 20:00	05-21 20:30	05-21 21:00	05-21 21:30	05-21 22:00	05-21 22:30	05-21 23:00	05-21 23:30
TSP	20	mg/Sm³	12	1	0.81	0.56	0.58	0.55	0.63	0.64	0.60	0.63	0.79	0.69	0.64	0.62	0.66	0.66	0.68	0.59
SOx	30	ppm	12	1	0.00	1.41	2.67	3.64	0.57	0.00	2.11	1.02	3.12	0.81	0.00	0.21	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	23.04	21.34	25.46	25.00	21.57	18.71	20.33	21.01	33.06	17.74	21.02	19.40	18.47	18.75	20.14	19.90
HCl	15	ppm	12	1	3.97	3.54	7.35	6.02	9.03	8.42	8.42	8.83	8.95	8.46	4.44	6.08	6.52	3.22	2.15	2.09
CO	50	ppm	12	1	0.37	2.57	0.57	28.93	0.37	0.36	1.78	0.41	0.29	0.49	0.35	0.67	0.62	0.44	0.66	4.14
O_2		%	0	0.1	10.23	5.70	5.98	4.96	7.12	7.17	6.46	7.13	8.72	8.29	7.54	6.83	7.42	7.70	8.40	5.91
FL1		Sm³	12	10	11,528	16,403	16,219	17,333	14,739	14,659	15,377	14,544	12,882	13,082	13,975	14,979	14,400	13,615	12,924	15,757
TMP		℃	0	1	182.24	182.78	183.66	184.23	183.62	183.14	183.29	182.69	182.51	182.30	181.09	181.16	182.29	181.59	179.67	180.12
TM1		℃	0	1	1,014.24	1,100.89	1,097.57	1,135.20	1,058.05	1,044.97	1,072.16	1,046.29	1,093.28	990.96	1,026.41	1,054.30	1,010.09	1,009.35	969.12	1,062.41
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13