11월 18일 굴뚝별 트랜드

					11-18 00:00	11-18 00:30	11-18 01:00	11-18 01:30	11-18 02:00	11-18 02:30	11-18 03:00	11-18 03:30	11-18 04:00	11-18 04:30	11-18 05:00	11-18 05:30	11-18 06:00	11-18 06:30	11-18 07:00	11-18 07:30
TSP	20	mg/Sm³	12	1	0.71	0.56	0.58	0.52	0.55	0.53	0.52	0.52	0.78	0.58	0.57	0.58	0.58	0.58	0.55	0.55
SOx	30	ppm	12	1	0.00	0.00	0.22	1.46	0.00	0.51	1.72	1.29	2.85	0.00	1.34	0.00	0.39	0.00	0.45	1.03
NOx	70	ppm	12	1	31.96	22.47	26.69	26.55	14.64	19.54	14.10	20.40	26.73	18.28	19.43	23.32	20.56	20.90	15.10	17.91
HCl	15	ppm	12	1	1.24	0.12	1.14	0.51	0.03	0.15	0.70	1.01	4.43	0.24	0.54	0.56	0.51	0.91	0.51	1.01
CO	50	ppm	12	1	0.60	0.28	0.17	0.14	0.69	1.62	40.33	2.90	7.46	0.38	23.41	0.25	0.44	0.35	15.96	3.31
O_2		%	0	0.1	8.77	6.43	7.13	5.41	6.38	5.60	5.46	5.42	9.62	6.75	6.37	7.09	6.96	7.04	6.18	6.18
FL1		Sm³	12	10	12,410	15,446	14,933	15,948	14,328	15,673	15,455	16,120	11,041	14,423	14,581	13,851	14,183	14,061	15,116	15,110
TMP		℃	0	1	183.80	185.08	185.81	185.58	183.87	183.05	183.54	184.47	184.75	184.05	183.78	183.59	183.59	183.69	183.69	184.15
TM1		℃	0	1	1,046.04	1,039.43	1,028.85	1,078.64	1,020.81	1,048.75	1,061.74	1,066.24	1,050.82	1,020.17	1,053.28	1,023.25	1,027.45	998.38	1,011.59	1,039.99
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

					11-18 08:00	11-18 08:30	11-18 09:00	11-18 09:30	11-18 10:00	11-18 10:30	11-18 11:00	11-18 11:30	11-18 12:00	11-18 12:30	11-18 13:00	11-18 13:30	11-18 14:00	11-18 14:30	11-18 15:00	11-18 15:30
TSP	20	mg/Sm³	12	1	0.74	0.57	0.58	0.56	0.61	0.55	0.51	0.56	0.73	0.55	0.57	0.62	0.55	0.51	0.52	0.53
SOx	30	ppm	12	1	0.28	0.00	0.00	0.11	0.00	0.25	1.66	0.00	0.00	0.24	0.54	0.00	0.40	0.54	0.96	1.87
NOx	70	ppm	12	1	30.88	23.65	23.17	25.29	13.95	19.92	18.04	14.10	24.09	22.61	19.05	16.47	15.40	19.91	19.33	22.82
HCl	15	ppm	12	1	3.13	0.36	0.81	1.31	1.88	0.50	0.35	0.62	2.21	0.47	2.38	2.27	0.42	0.23	0.40	1.34
CO	50	ppm	12	1	2.90	0.33	0.40	0.33	0.63	12.94	12.02	0.43	0.34	0.49	0.19	0.47	1.32	1.41	0.15	0.10
O_2		%	0	0.1	9.34	7.06	7.20	6.97	7.86	6.40	5.28	6.68	9.98	6.18	6.68	7.82	6.25	5.23	5.60	5.88
FL1		Sm³	12	10	11,787	14,228	13,770	14,227	13,175	15,014	16,257	14,476	11,515	15,011	14,201	13,219	15,097	16,626	15,623	15,206
TMP		℃	0	1	184.79	184.65	184.10	183.89	183.83	183.51	184.50	185.11	184.04	183.75	184.21	183.74	183.36	185.18	185.64	184.75
TM1		℃	0	1	1,027.23	1,010.19	1,011.83	1,017.66	959.17	1,007.97	1,064.97	1,007.99	1,000.73	1,032.61	1,030.59	970.61	1,024.17	1,060.57	1,056.27	1,071.07
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

					11-18 16:00	11-18 16:30	11-18 17:00	11-18 17:30	11-18 18:00	11-18 18:30	11-18 19:00	11-18 19:30	11-18 20:00	11-18 20:30	11-18 21:00	11-18 21:30	11-18 22:00	11-18 22:30	11-18 23:00	11-18 23:30
TSP	20	mg/Sm³	12	1	0.73	0.56	0.64	0.54	0.57	0.61	0.58	0.59	0.72	0.57	0.53	0.56	0.55	0.60	0.62	0.54
SOx	30	ppm	12	1	0.98	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.31	0.00	0.41	0.00	0.08	3.68
NOx	70	ppm	12	1	33.33	29.69	21.37	22.05	19.88	17.22	23.06	20.50	33.65	22.86	26.35	29.10	30.25	28.38	27.08	29.43
HCl	15	ppm	12	1	2.70	0.18	0.89	0.03	1.09	1.54	0.00	0.00	1.69	0.55	0.37	0.68	0.61	1.98	2.61	2.38
CO	50	ppm	12	1	0.23	0.28	0.48	2.75	0.26	0.47	0.34	0.25	0.29	0.24	0.11	0.11	0.10	0.23	0.35	0.18
O_2		%	0	0.1	10.55	6.66	8.65	6.26	6.96	7.90	6.67	6.66	8.99	7.12	5.68	6.72	6.33	7.74	7.90	6.27
FL1		Sm³	12	10	10,780	14,261	11,975	15,135	13,956	13,024	15,232	15,100	11,898	14,019	15,764	14,537	14,834	13,257	12,922	14,738
TMP		℃	0	1	184.15	184.02	183.68	183.15	183.90	183.47	183.67	185.33	184.43	183.82	184.41	184.87	184.93	184.17	183.70	183.18
TM1		℃	0	1	1,027.77	1,074.08	990.37	1,032.79	1,010.76	984.59	1,016.09	1,015.27	1,052.25	1,013.33	1,083.03	1,048.29	1,078.22	1,025.01	1,009.87	1,069.53
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

11월 19일 굴뚝별 트랜드

					11-19 00:00	11-19 00:30	11-19 01:00	11-19 01:30	11-19 02:00	11-19 02:30	11-19 03:00	11-19 03:30	11-19 04:00	11-19 04:30	11-19 05:00	11-19 05:30	11-19 06:00	11-19 06:30	11-19 07:00	11-19 07:30
TSP	20	mg/Sm³	12	1	0.72	0.51	0.55	0.59	0.56	0.52	0.61	0.57	0.80	0.57	0.55	0.60	0.56	0.56	0.53	0.60
SOx	30	ppm	12	1	0.00	3.93	0.56	0.00	0.04	0.74	0.00	0.00	0.00	0.01	2.78	0.00	0.02	1.45	10.46	0.03
NOx	70	ppm	12	1	30.81	26.80	25.87	24.31	22.35	25.89	24.88	31.09	31.81	28.05	24.71	26.49	24.05	25.49	29.56	27.57
HCl	15	ppm	12	1	3.02	0.38	0.40	0.33	0.19	0.22	1.47	0.75	1.55	0.04	0.66	1.19	0.24	0.59	1.57	2.26
CO	50	ppm	12	1	0.27	20.05	16.30	0.68	0.70	13.89	0.14	0.09	0.42	0.25	14.63	1.42	0.13	27.99	28.92	0.38
O_2		%	0	0.1	9.35	5.40	6.13	7.06	6.35	5.28	7.45	6.85	10.64	6.37	5.55	7.01	6.23	5.94	5.33	7.14
FL1		Sm³	12	10	12,152	15,864	15,162	14,324	15,003	15,968	13,400	14,107	10,542	14,771	15,664	14,145	15,055	15,293	16,339	14,396
TMP		℃	0	1	183.67	184.58	184.76	184.65	184.65	184.94	184.68	183.72	183.77	183.61	184.28	184.29	184.05	184.24	185.09	185.45
TM1		℃	0	1	1,046.45	1,100.33	1,057.98	1,029.01	1,040.41	1,097.36	1,046.22	1,062.40	1,019.29	1,047.28	1,094.45	1,030.73	1,062.87	1,073.89	1,110.75	1,046.12
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

					11-19 08:00	11-19 08:30	11-19 09:00	11-19 09:30	11-19 10:00	11-19 10:30	11-19 11:00	11-19 11:30	11-19 12:00	11-19 12:30	11-19 13:00	11-19 13:30	11-19 14:00	11-19 14:30	11-19 15:00	11-19 15:30
TSP	20	mg/Sm³	12	1	0.76	0.55	0.59	0.56	0.54	0.58	0.60	0.57	0.72	0.57	0.64	0.52	0.52	0.54	0.55	0.55
SOx	30	ppm	12	1	0.00	2.29	0.00	0.00	0.00	0.00	0.00	0.01	0.03	2.32	0.00	0.10	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	33.01	27.94	27.89	27.02	26.67	22.41	22.97	26.05	30.37	21.86	15.39	22.56	25.77	25.57	21.38	17.51
HCl	15	ppm	12	1	4.24	0.40	0.00	0.00	0.01	0.26	0.35	0.28	1.77	1.83	1.99	0.11	0.19	0.10	0.13	0.31
CO	50	ppm	12	1	0.54	4.09	0.27	0.24	0.15	0.13	0.21	0.13	0.33	0.31	0.47	0.30	0.07	0.12	0.15	0.38
O_2		%	0	0.1	10.07	5.82	7.09	6.53	6.13	7.05	7.60	7.07	9.30	6.78	8.71	6.06	6.31	6.78	7.06	7.04
FL1		Sm³	12	10	11,886	15,774	14,282	14,600	15,078	13,640	13,019	13,826	11,766	13,993	11,759	14,714	14,395	14,125	13,929	13,771
TMP		℃	0	1	185.08	185.31	184.91	184.15	184.05	184.00	183.37	182.95	183.77	184.45	183.07	182.44	183.51	184.49	184.89	184.58
TM1		℃	0	1	1,014.65	1,062.63	1,015.68	1,034.88	1,045.56	1,025.70	1,005.23	1,027.07	1,039.66	1,047.45	956.96	1,048.15	1,056.13	1,044.41	1,022.14	1,000.03
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

					11-19 16:00	11-19 16:30	11-19 17:00	11-19 17:30	11-19 18:00	11-19 18:30	11-19 19:00	11-19 19:30	11-19 20:00	11-19 20:30	11-19 21:00	11-19 21:30	11-19 22:00	11-19 22:30	11-19 23:00	11-19 23:30
TSP	20	mg/Sm³	12	1	0.69	0.56	0.59	0.52	0.56	0.57	0.63	0.54	0.74	0.57	0.58	0.58	0.59	0.59	0.57	0.60
SOx	30	ppm	12	1	0.82	0.89	0.32	0.88	0.00	0.12	0.00	1.73	15.94	1.33	0.00	1.28	1.21	1.17	4.45	4.94
NOx	70	ppm	12	1	30.15	21.98	15.22	20.41	21.22	19.33	16.29	23.04	32.67	24.38	23.83	22.22	23.58	24.09	24.83	21.65
HCl	15	ppm	12	1	1.42	1.47	1.87	0.60	0.89	0.80	1.80	0.30	4.42	2.07	0.85	1.33	2.39	2.15	3.21	5.09
CO	50	ppm	12	1	1.58	0.36	0.43	8.50	0.25	0.24	0.39	1.87	55.91	0.20	0.33	1.08	0.67	1.00	18.22	0.56
O_2		%	0	0.1	8.75	6.75	7.08	5.52	6.49	6.46	7.98	5.73	8.37	6.56	6.94	6.79	6.55	6.72	6.33	7.20
FL1		Sm³	12	10	12,314	14,368	13,811	15,571	14,648	14,690	13,142	16,068	12,362	14,129	13,843	14,211	14,611	14,303	14,655	14,093
TMP		℃	0	1	185.35	185.86	185.49	184.64	185.28	185.27	185.16	184.72	186.05	185.80	184.20	183.23	183.36	184.25	184.17	183.99
TM1		℃	0	1	1,036.43	1,000.60	1,000.99	1,046.94	1,033.03	1,016.83	973.00	1,040.03	1,104.11	1,060.79	1,014.09	1,019.43	1,025.93	1,040.15	1,048.33	1,026.18
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

11월 20일 굴뚝별 트랜드

					11-20 00:00	11-20 00:30	11-20 01:00	11-20 01:30	11-20 02:00	11-20 02:30	11-20 03:00	11-20 03:30	11-20 04:00	11-20 04:30	11-20 05:00	11-20 05:30	11-20 06:00	11-20 06:30	11-20 07:00	11-20 07:30
TSP	20	mg/Sm³	12	1	0.72	0.58	0.60	0.55	0.52	0.58	0.56	0.54	0.72	0.55	0.57	0.65	0.54	0.56	0.55	0.56
SOx	30	ppm	12	1	37.80	0.73	0.00	0.00	2.10	0.43	0.00	0.00	0.00	0.00	1.59	0.00	1.11	0.35	0.47	1.91
NOx	70	ppm	12	1	37.70	24.07	19.40	23.71	23.02	19.54	25.72	27.47	35.40	22.44	23.33	20.05	21.92	20.71	21.62	24.86
HCl	15	ppm	12	1	12.40	4.43	1.92	1.51	0.73	1.66	0.52	0.32	2.96	0.02	0.27	0.58	0.00	0.28	0.01	0.54
CO	50	ppm	12	1	6.11	0.31	0.42	0.28	13.52	2.64	0.45	0.73	0.31	1.42	10.72	0.47	15.26	4.44	1.90	11.03
O_2		%	0	0.1	8.32	6.54	7.38	6.39	5.21	6.89	6.37	5.84	8.66	6.01	6.06	7.98	5.56	5.93	5.61	6.05
FL1		Sm³	12	10	12,986	14,835	13,753	14,887	16,637	14,475	15,348	15,743	12,713	15,490	15,515	13,413	16,098	15,688	16,207	15,550
TMP		℃	0	1	185.37	185.76	184.68	183.56	184.40	185.01	184.86	185.01	185.08	184.93	185.07	184.51	183.69	183.42	184.72	185.23
TM1		℃	0	1	1,089.57	1,032.73	996.71	1,029.02	1,053.51	1,012.01	1,015.21	1,057.24	1,047.33	1,055.28	1,056.93	970.59	1,035.30	1,036.93	1,056.77	1,067.91
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

					11-20 08:00	11-20 08:30	11-20 09:00	11-20 09:30	11-20 10:00	11-20 10:30	11-20 11:00	11-20 11:30	11-20 12:00	11-20 12:30	11-20 13:00	11-20 13:30	11-20 14:00	11-20 14:30	11-20 15:00	11-20 15:30
TSP	20	mg/Sm³	12	1	0.74	0.56	0.52	0.53	0.57	0.54	0.59	0.59	0.72	0.59	0.57	0.49	0.51	0.53	0.54	0.54
SOx	30	ppm	12	1	5.30	1.62	3.76	0.00	0.00	1.32	2.70	7.51	23.46	3.16	0.01	1.69	0.16	0.10	0.05	1.66
NOx	70	ppm	12	1	37.08	27.36	25.19	22.55	21.62	24.44	21.63	27.11	34.90	19.76	21.05	19.95	21.05	26.02	25.77	24.42
HCl	15	ppm	12	1	3.18	1.18	1.84	0.78	0.86	0.51	2.30	6.26	13.96	6.20	3.21	1.93	1.21	0.87	0.77	1.03
CO	50	ppm	12	1	35.05	1.49	9.96	3.77	0.26	30.33	9.34	0.30	0.49	0.35	0.27	25.87	2.86	7.45	0.14	0.30
O_2		%	0	0.1	8.42	6.24	5.29	5.60	6.84	5.97	7.08	7.25	8.70	7.30	6.88	4.69	5.34	6.03	6.36	6.43
FL1		Sm³	12	10	12,670	15,516	15,823	15,283	13,914	15,060	13,894	14,234	13,259	14,316	14,655	16,596	15,395	15,512	15,161	13,995
TMP		℃	0	1	185.07	185.36	185.09	184.33	183.40	183.36	183.53	184.11	185.64	186.32	185.67	185.33	184.92	184.84	185.22	185.28
TM1		℃	0	1	1,084.78	1,053.04	1,082.27	1,070.58	1,031.60	1,054.99	1,015.76	1,001.47	1,043.85	994.55	1,004.59	1,081.16	1,088.26	1,069.59	1,067.75	1,071.83
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

					11-20 16:00	11-20 16:30	11-20 17:00	11-20 17:30	11-20 18:00	11-20 18:30	11-20 19:00	11-20 19:30	11-20 20:00	11-20 20:30	11-20 21:00	11-20 21:30	11-20 22:00	11-20 22:30	11-20 23:00	11-20 23:30
TSP	20	mg/Sm³	12	1	0.69	0.49	0.50	0.51	0.54	0.54	0.55	0.54	0.73	0.59	0.53	0.56	0.60	0.54	0.57	0.53
SOx	30	ppm	12	1	0.04	0.56	0.00	1.54	1.26	0.15	0.22	1.73	0.00	0.00	0.36	0.44	0.00	0.28	0.00	0.00
NOx	70	ppm	12	1	28.04	22.36	16.70	17.98	20.58	16.91	21.30	24.77	32.48	17.53	23.32	22.68	17.12	22.78	20.74	26.11
HCl	15	ppm	12	1	1.70	0.00	0.00	0.30	1.22	1.35	2.27	3.56	5.53	0.61	0.01	0.60	0.10	0.00	0.05	0.01
CO	50	ppm	12	1	0.29	10.80	15.93	7.25	1.01	0.35	0.21	0.23	0.18	0.32	6.64	2.48	0.47	0.59	0.35	0.12
O_2		%	0	0.1	9.08	5.03	5.22	5.31	5.87	6.03	6.33	6.09	9.53	7.10	5.47	6.45	7.22	5.85	6.62	5.64
FL1		Sm³	12	10	12,013	15,486	15,380	15,759	15,048	14,902	14,419	14,667	11,323	13,632	15,520	14,196	13,736	15,516	14,224	15,103
TMP		℃	0	1	183.78	184.45	183.86	184.34	184.60	184.27	183.84	183.76	183.56	183.43	183.12	183.43	183.48	183.48	183.77	183.12
TM1		℃	0	1	1,040.22	1,067.85	1,064.12	1,070.32	1,037.92	1,019.26	1,015.85	1,047.59	1,048.56	1,005.49	1,046.43	1,036.57	991.62	1,040.64	1,010.06	1,053.49
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