11월 21일 굴뚝별 트랜드

					11-21 00:00	11-21 00:30	11-21 01:00	11-21 01:30	11-21 02:00	11-21 02:30	11-21 03:00	11-21 03:30	11-21 04:00	11-21 04:30	11-21 05:00	11-21 05:30	11-21 06:00	11-21 06:30	11-21 07:00	11-21 07:30
TSP	20	mg/Sm³	12	1	0.74	0.57	0.53	0.55	0.57	0.54	0.54	0.56	0.76	0.56	0.54	0.59	0.55	0.58	0.57	0.55
SOx	30	ppm	12	1	0.14	0.19	0.08	0.00	0.00	1.07	0.00	0.81	2.00	0.91	0.62	0.00	0.02	0.23	0.14	1.39
NOx	70	ppm	12	1	28.52	24.33	16.02	23.66	18.60	17.73	20.36	23.31	22.16	18.22	16.92	17.62	18.69	19.00	16.90	19.13
HCl	15	ppm	12	1	1.33	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	12.65	1.04	5.29	0.86	0.23	24.58	3.53	0.23	1.98	0.32	0.59	0.24	0.20	0.27	0.61	16.93
O_2		%	0	0.1	8.78	6.16	5.43	5.86	6.63	5.63	5.47	5.84	8.97	5.84	5.37	6.80	5.72	6.41	6.33	5.79
FL1		Sm³	12	10	11,679	14,548	15,304	14,901	13,983	15,227	15,461	15,169	11,928	15,167	15,698	14,181	15,254	14,487	14,407	15,129
TMP		℃	0	1	183.31	183.03	183.07	183.15	182.87	182.96	183.21	183.30	182.84	182.86	183.22	182.96	182.72	182.76	182.54	182.33
TM1		℃	0	1	1,052.86	1,032.11	1,059.34	1,053.54	1,030.07	1,040.04	1,045.33	1,028.21	1,029.43	1,039.95	1,054.45	1,011.39	1,045.05	1,024.71	1,036.07	1,048.93
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

					11-21 08:00	11-21 08:30	11-21 09:00	11-21 09:30	11-21 10:00	11-21 10:30	11-21 11:00	11-21 11:30	11-21 12:00	11-21 12:30	11-21 13:00	11-21 13:30	11-21 14:00	11-21 14:30	11-21 15:00	11-21 15:30
TSP	20	mg/Sm³	12	1	0.72	0.53	0.52	0.52	0.69	0.56	0.59	0.56	0.86	0.57	0.58	0.50	0.55	0.63	0.50	0.56
SOx	30	ppm	12	1	1.27	1.70	2.18	0.28	0.10	6.38	0.02	0.23	0.38	0.01	0.25	1.32	0.57	0.01	6.34	0.21
NOx	70	ppm	12	1	23.85	18.28	24.75	28.41	25.01	26.09	20.92	23.24	34.05	22.67	18.36	23.73	23.84	17.63	16.12	17.94
HCl	15	ppm	12	1	1.01	0.00	0.00	0.00	0.59	0.86	1.16	0.00	0.57	0.00	0.00	0.00	0.02	0.48	0.00	0.00
CO	50	ppm	12	1	10.08	20.33	25.86	9.02	3.98	31.28	0.52	1.01	5.29	0.53	8.48	21.80	2.89	7.48	54.94	15.13
O_2		%	0	0.1	8.17	5.25	4.99	5.48	7.81	6.02	7.09	5.50	9.11	6.58	6.99	4.92	6.44	8.07	5.21	6.77
FL1		Sm³	12	10	12,712	15,767	15,867	14,970	12,979	14,803	13,679	15,126	12,345	14,284	13,949	16,106	14,479	12,884	14,958	13,855
TMP		℃	0	1	182.86	183.53	183.42	183.08	182.82	182.97	182.82	182.89	183.17	183.70	183.41	183.61	184.20	183.24	182.18	182.57
TM1		℃	0	1	1,072.00	1,085.90	1,092.12	1,106.21	1,046.25	1,082.27	1,025.05	1,095.08	1,075.03	1,072.45	1,019.55	1,085.03	1,081.02	993.71	1,094.63	1,061.53
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

					11-21 16:00	11-21 16:30	11-21 17:00	11-21 17:30	11-21 18:00	11-21 18:30	11-21 19:00	11-21 19:30	11-21 20:00	11-21 20:30	11-21 21:00	11-21 21:30	11-21 22:00	11-21 22:30	11-21 23:00	11-21 23:30
TSP	20	mg/Sm³	12	1	0.73	0.60	0.56	0.58	0.53	0.53	0.58	0.53	0.73	0.50	0.58	0.55	0.55	0.56	0.56	0.57
SOx	30	ppm	12	1	0.97	0.57	2.70	1.11	2.69	0.30	0.03	0.37	0.02	4.70	0.27	0.32	0.00	0.00	0.00	0.12
NOx	70	ppm	12	1	23.07	18.23	15.77	16.05	17.70	22.77	23.32	27.89	28.75	25.14	24.06	24.99	24.33	26.23	28.67	25.68
HCl	15	ppm	12	1	0.35	1.82	1.74	3.76	1.73	0.94	0.88	0.77	2.16	1.02	2.29	0.92	0.07	0.00	0.05	0.43
CO	50	ppm	12	1	0.31	0.26	30.26	0.43	7.48	0.17	0.16	5.44	3.05	8.62	0.17	1.98	0.15	0.09	0.04	0.12
O_2		%	0	0.1	9.11	7.58	6.52	7.19	5.73	5.78	6.86	5.83	10.50	4.94	6.95	6.23	6.09	6.24	6.55	6.70
FL1		Sm³	12	10	12,326	13,775	14,696	13,613	15,516	15,522	14,095	15,085	11,347	16,136	13,940	15,014	15,317	14,976	14,564	14,344
TMP		℃	0	1	184.12	184.87	184.75	184.37	184.56	184.93	184.87	184.43	184.08	184.22	184.58	184.59	185.00	184.53	184.19	184.03
TM1		℃	0	1	1,051.29	1,010.52	999.41	1,022.43	1,055.26	1,044.81	1,035.33	1,068.27	1,010.25	1,099.17	1,042.75	1,048.40	1,042.29	1,028.60	1,037.36	1,031.19
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 22일 굴뚝별 트랜드

					11-22 00:00	11-22 00:30	11-22 01:00	11-22 01:30	11-22 02:00	11-22 02:30	11-22 03:00	11-22 03:30	11-22 04:00	11-22 04:30	11-22 05:00	11-22 05:30	11-22 06:00	11-22 06:30	11-22 07:00	11-22 07:30
TSP	20	mg/Sm³	12	1	0.73	0.55	0.58	0.59	0.57	0.59	0.58	0.54	0.75	0.57	0.52	0.60	0.63	0.56	0.57	0.59
SOx	30	ppm	12	1	0.26	1.14	0.00	0.00	0.42	0.11	0.30	0.38	0.00	0.00	10.94	0.18	0.00	0.00	1.06	0.44
NOx	70	ppm	12	1	29.44	24.12	19.72	23.11	23.98	21.81	19.68	20.25	24.97	19.30	19.06	25.92	20.52	21.47	20.66	19.07
HCl	15	ppm	12	1	1.69	0.01	0.00	0.09	0.05	0.30	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.01	0.34
CO	50	ppm	12	1	5.85	11.21	0.20	0.20	0.32	0.37	0.43	5.41	0.38	0.26	37.09	0.30	0.50	2.15	0.20	0.28
O_2		%	0	0.1	8.96	6.00	6.78	7.05	6.45	6.61	6.43	5.54	8.88	6.13	4.48	6.94	7.82	6.16	6.13	6.68
FL1		Sm³	12	10	12,183	15,060	14,298	13,669	14,412	14,455	14,763	15,880	12,264	15,333	17,001	14,148	13,433	15,453	15,427	14,802
TMP		℃	0	1	184.34	184.48	184.43	183.90	183.36	183.56	184.09	184.72	184.68	184.49	184.75	184.42	183.56	183.46	184.35	184.44
TM1		℃	0	1	1,040.59	1,053.92	1,021.66	1,014.25	1,026.31	1,017.44	1,019.57	1,044.91	1,023.10	1,022.05	1,088.43	1,053.24	983.50	1,025.59	1,022.24	1,018.71
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

					11-22 08:00	11-22 08:30	11-22 09:00	11-22 09:30	11-22 10:00	11-22 10:30	11-22 11:00	11-22 11:30	11-22 12:00	11-22 12:30	11-22 13:00	11-22 13:30	11-22 14:00	11-22 14:30	11-22 15:00	11-22 15:30
TSP	20	mg/Sm³	12	1	0.78	0.65	0.51	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	3.28	0.50	0.57	0.57	0.61
SOx	30	ppm	12	1	1.61	0.00	0.52	0.50	0.35	26.32	27.48	0.45	0.23	0.11	0.01	0.93	0.11	0.00	0.19	0.00
NOx	70	ppm	12	1	35.74	23.80	30.83	0.76	0.86	57.77	59.43	0.90	0.41	0.18	0.10	16.95	35.56	24.22	21.86	23.42
HCl	15	ppm	12	1	2.79	0.25	0.23	0.07	0.01	19.81	0.31	0.00	0.34	0.59	0.56	5.22	6.54	2.03	1.09	1.20
CO	50	ppm	12	1	0.46	0.54	0.21	0.00	0.00	74.51	76.42	0.00	0.02	0.04	0.04	0.18	10.96	26.30	17.09	0.36
O_2		%	0	0.1	10.07	8.15	10.93	21.08	12.20	0.14	13.51	21.13	21.13	21.13	21.00	15.68	6.48	6.84	5.10	6.32
FL1		Sm³	12	10	11,356	12,862	16,994	18,325	18,674	18,606	18,510	18,053	18,369	18,649	18,455	18,112	18,080	16,451	16,029	14,624
TMP		℃	0	1	184.05	182.97	182.75	183.65	184.20	184.34	183.99	183.76	183.75	184.32	184.75	184.21	184.02	183.88	184.49	184.72
TM1		℃	0	1	1,007.95	972.23	1,049.32	1,017.49	1,044.76	1,030.03	1,044.06	1,054.58	1,044.98	1,114.54	1,072.45	1,112.65	1,058.79	1,023.99	1,074.41	1,046.25
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

					11-22 16:00	11-22 16:30	11-22 17:00	11-22 17:30	11-22 18:00	11-22 18:30	11-22 19:00	11-22 19:30	11-22 20:00	11-22 20:30	11-22 21:00	11-22 21:30	11-22 22:00	11-22 22:30	11-22 23:00	11-22 23:30
TSP	20	mg/Sm³	12	1	0.82	0.58	0.62	0.60	0.64	0.66	0.61	0.67	0.83	0.68	0.62	0.60	0.69	0.67	0.65	0.61
SOx	30	ppm	12	1	0.00	0.37	0.00	0.03	0.00	0.00	0.15	0.00	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.08
NOx	70	ppm	12	1	22.38	21.85	21.37	23.29	26.26	25.70	27.96	22.70	37.44	20.29	21.56	26.97	20.80	17.09	20.13	23.63
HCl	15	ppm	12	1	1.54	0.50	1.22	0.72	0.82	0.72	0.67	0.89	1.12	0.26	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.64	21.72	0.33	4.48	0.23	0.31	1.43	0.55	11.93	0.56	16.79	0.20	0.60	0.54	0.30	0.18
O_2		%	0	0.1	9.43	5.65	6.39	5.69	6.86	7.28	6.32	7.45	8.87	7.41	6.26	5.54	7.60	7.49	7.04	6.08
FL1		Sm³	12	10	11,502	15,847	15,020	15,499	14,035	13,607	14,538	13,399	11,927	13,529	14,904	15,453	13,366	13,255	13,898	14,861
TMP		℃	0	1	183.94	183.92	185.38	185.47	184.69	183.81	182.68	182.61	183.08	183.80	183.60	183.47	183.75	183.07	182.17	183.20
TM1		℃	0	1	1,000.94	1,048.13	1,009.53	1,059.22	1,024.65	1,014.62	1,040.03	1,003.37	1,077.25	993.41	1,047.97	1,061.51	1,005.63	997.78	1,016.83	1,049.07
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

11월 23일 굴뚝별 트랜드

					11-23 00:00	11-23 00:30	11-23 01:00	11-23 01:30	11-23 02:00	11-23 02:30	11-23 03:00	11-23 03:30	11-23 04:00	11-23 04:30	11-23 05:00	11-23 05:30	11-23 06:00	11-23 06:30	11-23 07:00	11-23 07:30
TSP	20	mg/Sm³	12	1	0.85	0.66	0.65	0.64	0.61	0.71	0.72	0.68	0.87	0.67	0.70	0.64	0.69	0.69	0.70	0.71
SOx	30	ppm	12	1	0.00	0.29	0.00	2.93	1.53	0.78	0.40	3.47	3.96	0.02	0.00	3.07	0.71	0.00	0.65	0.51
NOx	70	ppm	12	1	27.69	18.15	21.49	17.12	20.15	10.98	15.87	18.01	21.30	15.38	14.03	21.54	19.36	18.93	17.36	18.48
HCl	15	ppm	12	1	1.81	0.14	0.08	0.48	0.89	1.61	1.43	2.02	5.46	0.06	0.00	0.14	1.14	1.56	1.90	2.62
CO	50	ppm	12	1	0.43	0.44	0.24	0.39	0.54	1.15	0.74	0.37	0.64	0.21	0.49	0.11	0.13	0.17	0.22	0.27
O_2		%	0	0.1	10.17	6.86	6.57	6.37	5.70	7.85	7.79	7.05	9.32	6.90	7.53	6.02	6.86	7.12	7.18	7.23
FL1		Sm³	12	10	11,158	14,047	14,187	14,419	15,298	12,801	13,564	14,890	12,542	14,822	14,202	15,723	14,802	14,405	14,608	14,658
TMP		℃	0	1	184.41	184.71	184.58	184.78	185.09	185.24	184.03	185.27	187.43	187.07	186.18	186.22	186.58	186.03	185.75	186.36
TM1		℃	0	1	1,030.07	1,037.30	1,020.31	1,034.05	1,060.43	996.65	960.21	996.56	1,023.89	1,016.53	981.71	1,068.51	1,036.07	1,026.23	1,023.28	1,014.39
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

					11-23 08:00	11-23 08:30	11-23 09:00	11-23 09:30	11-23 10:00	11-23 10:30	11-23 11:00	11-23 11:30	11-23 12:00	11-23 12:30	11-23 13:00	11-23 13:30	11-23 14:00	11-23 14:30	11-23 15:00	11-23 15:30
TSP	20	mg/Sm³	12	1	0.89	0.63	0.64	0.57	0.64	0.65	0.65	0.65	0.82	0.65	0.64	0.62	0.64	0.60	0.94	0.62
SOx	30	ppm	12	1	0.00	0.00	0.00	2.75	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	23.87	19.84	18.21	19.76	20.14	20.90	18.94	18.55	17.25	21.52	25.33	22.60	19.76	24.50	22.43	19.58
HCl	15	ppm	12	1	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.26	0.53	0.76	32.98	0.24	0.28	0.29	0.28	0.47	0.27	0.25	0.28	0.37	0.23	8.99	0.64
O_2		%	0	0.1	9.58	6.05	6.11	4.45	6.28	6.58	6.63	6.69	9.08	6.68	6.54	6.26	6.60	5.96	6.06	6.24
FL1		Sm³	12	10	12,264	15,041	15,134	16,933	14,551	14,285	14,353	14,182	11,816	14,147	14,282	14,705	14,170	14,854	14,846	14,681
TMP		℃	0	1	186.61	185.75	185.11	185.81	185.70	184.76	184.88	184.99	185.19	185.08	184.34	184.02	184.56	184.09	184.22	184.84
TM1		℃	0	1	1,013.75	1,028.59	1,035.58	1,101.77	1,058.81	1,029.31	1,017.97	1,018.17	1,030.93	1,025.70	1,027.73	1,049.25	1,014.35	1,052.06	1,053.52	1,045.33
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

					11-23 16:00	11-23 16:30	11-23 17:00	11-23 17:30	11-23 18:00	11-23 18:30	11-23 19:00	11-23 19:30	11-23 20:00	11-23 20:30	11-23 21:00	11-23 21:30	11-23 22:00	11-23 22:30	11-23 23:00	11-23 23:30
TSP	20	mg/Sm³	12	1	0.83	0.62	0.65	0.65	0.73	0.65	0.73	0.68	0.87	0.77	0.67	0.72	0.71	0.67	0.66	0.71
SOx	30	ppm	12	1	0.00	0.45	0.10	0.00	0.00	1.86	2.20	0.70	0.00	0.00	0.39	0.00	0.00	5.69	7.00	2.16
NOx	70	ppm	12	1	27.56	27.46	23.26	21.87	20.01	28.95	23.90	25.81	24.83	21.60	23.16	23.87	25.17	26.58	23.30	17.94
HCl	15	ppm	12	1	1.34	0.00	0.00	0.00	0.08	0.60	6.40	5.02	6.91	0.53	0.00	0.20	0.39	1.07	2.13	3.53
CO	50	ppm	12	1	0.38	0.19	0.22	0.33	0.38	0.16	0.43	0.26	0.46	0.60	1.82	0.32	0.33	0.27	0.28	0.33
O_2		%	0	0.1	9.85	6.04	6.36	6.47	8.03	6.27	7.84	7.00	9.85	8.93	6.92	8.11	7.82	6.68	6.60	7.70
FL1		Sm³	12	10	11,578	15,882	15,007	14,891	13,514	15,706	13,672	14,827	11,357	12,389	14,856	13,071	13,505	14,834	14,850	13,495
TMP		℃	0	1	184.50	184.74	186.30	184.79	184.20	185.45	186.78	185.94	184.60	183.30	183.13	183.77	183.46	184.17	185.54	186.05
TM1		℃	0	1	1,002.79	1,050.13	1,044.50	1,022.14	1,009.70	1,058.04	1,003.80	1,030.13	1,038.93	972.87	1,032.58	1,004.34	998.51	1,050.77	1,041.88	1,028.25
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