11월 29일 굴뚝별 트랜드

					11-29 00:00	11-29 00:30	11-29 01:00	11-29 01:30	11-29 02:00	11-29 02:30	11-29 03:00	11-29 03:30	11-29 04:00	11-29 04:30	11-29 05:00	11-29 05:30	11-29 06:00	11-29 06:30	11-29 07:00	11-29 07:30
TSP	20	mg/Sm³	12	1	0.42	0.40	0.33	0.32	0.33	0.33	0.36	0.36	0.42	0.33	0.33	0.33	0.35	0.36	0.35	0.34
SOx	30	ppm	12	1	0.00	0.00	1.66	2.13	1.98	2.49	0.00	0.00	0.00	0.51	0.29	0.19	0.00	0.01	0.01	0.00
NOx	70	ppm	12	1	30.05	22.05	18.76	20.00	24.45	26.76	22.28	24.35	32.12	26.83	28.48	26.38	22.43	23.52	21.92	25.83
HCl	15	ppm	12	1	5.34	2.45	4.23	7.99	12.04	12.77	8.64	3.28	3.44	1.89	6.36	4.27	5.16	3.49	2.56	2.25
CO	50	ppm	12	1	0.59	1.85	0.98	0.41	0.43	0.45	0.66	0.48	0.49	0.35	0.40	0.42	0.52	0.64	0.56	0.48
O_2		%	0	0.1	9.93	9.47	7.13	6.22	6.87	6.91	7.74	8.07	9.97	6.87	7.14	6.83	7.74	8.10	7.72	7.25
FL1		Sm³	12	10	12,186	12,002	14,949	16,290	15,335	14,969	13,485	13,203	12,376	14,801	14,744	15,161	13,966	13,583	14,035	14,764
TMP		℃	0	1	182.69	181.71	180.06	183.26	184.03	183.40	182.06	180.68	181.73	182.34	183.13	183.52	183.33	182.69	182.47	182.91
TM1		℃	0	1	1,046.29	934.21	1,002.01	1,049.23	1,048.20	1,065.01	1,051.73	1,042.79	1,063.93	1,076.53	1,067.65	1,062.05	1,030.67	1,013.11	1,030.79	1,041.33
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.26	36.26	36.27	36.27	36.28	36.28	36.27	36.28	36.28

					11-29 08:00	11-29 08:30	11-29 09:00	11-29 09:30	11-29 10:00	11-29 10:30	11-29 11:00	11-29 11:30	11-29 12:00	11-29 12:30	11-29 13:00	11-29 13:30	11-29 14:00	11-29 14:30	11-29 15:00	11-29 15:30
TSP	20	mg/Sm³	12	1	0.42	0.34	0.35	0.34	0.37	0.34	0.32	0.34	0.41	0.33	0.32	0.34	0.34	0.32	0.33	0.33
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.06	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
NOx	70	ppm	12	1	33.84	26.26	25.75	22.83	24.88	23.53	28.28	24.16	41.04	29.59	38.24	25.75	26.02	28.47	24.50	25.83
HCl	15	ppm	12	1	2.84	1.13	1.90	2.66	1.46	11.33	3.64	1.78	2.00	0.82	0.74	1.75	1.65	2.61	2.36	2.07
CO	50	ppm	12	1	0.46	0.38	0.49	0.35	0.50	0.46	0.33	0.37	0.29	0.40	0.41	0.76	0.83	0.43	0.53	0.50
O_2		%	0	0.1	9.79	7.46	7.74	7.64	7.74	7.09	6.94	7.01	9.57	7.45	7.01	7.78	7.52	6.37	7.07	7.31
FL1		Sm³	12	10	12,277	14,291	14,107	13,901	14,061	14,762	14,970	15,092	12,376	14,386	14,958	14,299	14,776	16,009	15,137	14,327
TMP		℃	0	1	183.39	183.48	183.32	183.24	183.26	182.71	182.60	182.72	183.38	183.84	183.16	183.85	183.86	183.97	184.48	182.82
TM1		℃	0	1	1,054.46	1,054.85	1,049.05	1,056.01	1,032.07	1,051.29	1,060.11	1,050.36	1,086.17	1,053.25	1,060.03	1,024.69	1,015.49	1,066.45	1,055.90	1,041.96
TM3		℃	0	1	36.28	36.28	36.28	36.27	36.25	36.26	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					11-29 16:00	11-29 16:30	11-29 17:00	11-29 17:30	11-29 18:00	11-29 18:30	11-29 19:00	11-29 19:30	11-29 20:00	11-29 20:30	11-29 21:00	11-29 21:30	11-29 22:00	11-29 22:30	11-29 23:00	11-29 23:30
TSP	20	mg/Sm³	12	1	0.41	0.33	0.34	0.36	0.31	0.35	0.32	0.33	0.41	0.33	0.32	0.35	0.30	0.31	0.34	0.32
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	5.27	0.00	7.14	0.24	0.00	0.00	0.00	0.00	0.19	0.11	0.00	0.00
NOx	70	ppm	12	1	34.23	26.49	28.89	20.62	26.96	17.87	22.09	18.32	22.89	17.36	17.67	20.82	26.28	30.36	25.12	24.33
HCl	15	ppm	12	1	1.91	0.79	0.91	1.84	2.52	3.58	6.30	9.57	4.51	0.94	1.18	2.05	1.57	2.03	2.46	2.13
CO	50	ppm	12	1	0.57	0.39	0.67	0.92	4.45	1.02	0.63	0.68	1.10	0.82	0.71	0.85	0.24	0.18	0.55	0.34
O_2		%	0	0.1	9.52	7.19	7.78	8.30	6.06	8.05	6.63	6.75	9.33	7.08	6.91	7.89	5.97	6.28	7.65	6.90
FL1		Sm³	12	10	12,043	14,153	13,563	12,963	15,708	13,527	15,304	15,084	12,668	14,854	14,931	13,679	15,866	15,439	13,959	14,702
TMP		℃	0	1	181.50	182.35	182.70	182.01	182.28	183.76	183.42	183.92	183.64	183.26	183.22	182.64	182.97	183.48	183.27	183.17
TM1		℃	0	1	1,059.63	1,064.49	1,031.47	1,013.10	1,080.75	983.40	1,031.95	1,015.27	1,032.15	1,000.87	1,002.39	986.91	1,097.80	1,105.75	1,041.96	1,061.37
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

11월 30일 굴뚝별 트랜드

					11-30 00:00	11-30 00:30	11-30 01:00	11-30 01:30	11-30 02:00	11-30 02:30	11-30 03:00	11-30 03:30	11-30 04:00	11-30 04:30	11-30 05:00	11-30 05:30	11-30 06:00	11-30 06:30	11-30 07:00	11-30 07:30
TSP	20	mg/Sm³	12	1	0.40	0.34	0.36	0.34	0.34	0.36	0.36	0.34	0.42	0.31	0.33	0.41	0.36	0.44	0.37	0.38
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	0.46	0.69	0.00	0.00
NOx	70	ppm	12	1	30.24	19.04	17.74	17.97	16.17	15.16	19.61	12.61	17.68	20.50	21.67	19.23	26.12	24.72	24.60	22.19
HCl	15	ppm	12	1	2.68	0.88	0.61	0.82	1.27	1.44	1.24	1.40	1.48	0.17	1.49	2.95	1.88	12.35	4.99	6.71
CO	50	ppm	12	1	0.60	0.76	1.16	0.80	0.63	0.98	0.98	0.74	0.80	0.23	0.32	0.98	0.49	1.56	0.87	0.92
O_2		%	0	0.1	9.80	7.61	8.16	7.42	6.98	8.10	8.15	7.43	10.05	6.45	7.20	9.40	8.03	10.18	8.49	8.71
FL1		Sm³	12	10	12,566	13,992	13,548	14,223	14,500	13,397	13,592	13,223	11,493	15,245	14,756	12,331	14,317	12,093	14,215	14,470
TMP		℃	0	1	182.82	182.83	182.27	180.90	180.59	181.77	181.84	179.72	178.10	178.54	181.44	182.50	182.18	182.78	183.14	184.04
TM1		℃	0	1	1,032.21	1,018.83	951.83	984.04	1,022.34	964.85	963.75	998.39	1,002.85	1,061.36	1,069.73	981.93	1,039.33	944.94	1,005.49	996.81
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.26	36.27	36.27	36.28	36.28	36.28	36.28	36.28

					11-30 08:00	11-30 08:30	11-30 09:00	11-30 09:30	11-30 10:00	11-30 10:30	11-30 11:00	11-30 11:30	11-30 12:00	11-30 12:30	11-30 13:00	11-30 13:30	11-30 14:00	11-30 14:30	11-30 15:00	11-30 15:30
TSP	20	mg/Sm³	12	1	0.46	0.37	0.32	0.34	0.35	0.31	0.32	0.33	0.42	0.34	0.34	0.35	0.32	0.37	0.33	0.35
SOx	30	ppm	12	1	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.18	2.75	4.56	0.01	0.00	0.35	0.14	1.53	0.00
NOx	70	ppm	12	1	32.81	19.27	19.71	22.99	23.27	23.53	19.48	18.06	30.74	20.47	21.84	25.21	22.69	25.60	29.98	22.30
HCl	15	ppm	12	1	9.86	4.79	1.51	2.74	1.34	0.76	1.39	2.49	4.93	14.98	5.75	3.44	3.13	4.91	8.31	6.82
CO	50	ppm	12	1	0.87	0.67	1.08	0.52	0.64	0.36	0.33	0.51	0.68	0.65	0.57	0.67	0.50	0.87	0.33	0.64
O_2		%	0	0.1	11.08	8.06	6.16	6.92	7.24	5.81	6.11	6.69	9.64	7.01	7.40	7.92	6.81	8.65	7.06	7.77
FL1		Sm³	12	10	12,558	13,222	15,049	13,935	13,349	15,212	15,190	14,752	12,398	14,266	13,816	13,624	14,455	13,333	15,283	13,701
TMP		℃	0	1	185.04	183.67	181.28	180.18	180.46	180.54	181.98	182.35	182.33	182.63	180.69	179.93	179.75	180.36	181.97	181.79
TM1		℃	0	1	1,023.56	1,023.50	1,054.27	1,054.01	1,035.47	1,081.58	1,062.81	1,040.94	1,027.68	1,027.35	1,041.11	1,007.12	1,057.93	1,004.17	1,065.76	1,026.09
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					11-30 16:00	11-30 16:30	11-30 17:00	11-30 17:30	11-30 18:00	11-30 18:30	11-30 19:00	11-30 19:30	11-30 20:00	11-30 20:30	11-30 21:00	11-30 21:30	11-30 22:00	11-30 22:30	11-30 23:00	11-30 23:30
TSP	20	mg/Sm³	12	1	0.43	0.32	0.33	0.32	0.35	0.35	0.36	0.32	0.45	0.29	0.35	0.36	0.36	0.36	0.32	0.36
SOx	30	ppm	12	1	0.00	0.00	0.43	1.96	0.15	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	2.80	11.26	0.00
NOx	70	ppm	12	1	35.26	23.22	25.45	30.09	26.01	21.28	21.43	18.88	22.80	22.38	17.24	20.43	17.35	21.25	20.66	27.12
HCl	15	ppm	12	1	3.16	1.47	5.60	3.67	5.57	3.10	1.74	1.16	2.44	0.33	2.78	2.74	2.58	3.06	12.42	7.12
CO	50	ppm	12	1	0.78	0.45	0.41	0.44	0.47	0.73	0.95	0.40	1.24	2.77	1.38	0.53	0.66	0.94	0.39	0.45
O_2		%	0	0.1	9.89	6.40	6.86	6.32	7.21	7.60	7.53	6.10	10.83	4.41	7.02	7.47	7.37	7.47	5.89	7.46
FL1		Sm³	12	10	12,169	15,337	14,756	15,555	14,290	13,877	14,330	15,828	11,868	17,988	14,602	14,075	14,259	14,918	16,088	14,202
TMP		℃	0	1	181.01	181.51	181.76	181.20	180.61	180.42	180.29	181.36	181.40	180.80	182.12	181.73	181.43	180.65	180.67	180.74
TM1		℃	0	1	1,035.16	1,055.24	1,050.51	1,062.24	1,047.29	1,013.47	994.27	1,054.67	944.66	1,112.33	1,033.97	1,029.75	1,014.49	994.09	1,069.73	1,031.70
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.27	36.26	36.25	36.25	36.25	36.25	36.25	36.25

12월 1일 굴뚝별 트랜드

					12-01 00:00	12-01 00:30	12-01 01:00	12-01 01:30	12-01 02:00	12-01 02:30	12-01 03:00	12-01 03:30	12-01 04:00	12-01 04:30	12-01 05:00	12-01 05:30	12-01 06:00	12-01 06:30	12-01 07:00	12-01 07:30
TSP	20	mg/S m³	12	1	0.45	0.35	0.41	0.36	0.40	0.38	0.36	0.41	0.48	0.35	0.37	0.38	0.35	0.44	0.37	0.36
SOx	30	ppm	12	1	0.50	4.37	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.42	1.58	0.00	0.00	0.00	1.61	0.08
NOx	70	ppm	12	1	33.60	30.87	24.96	25.26	22.77	21.78	24.36	21.48	23.94	24.91	22.39	22.23	27.11	21.55	29.46	21.89
HCl	15	ppm	12	1	4.52	8.51	12.31	2.73	4.04	2.51	2.35	5.46	3.96	2.26	7.20	2.56	1.50	3.49	1.26	4.37
CO	50	ppm	12	1	0.96	0.53	0.85	0.65	0.94	0.91	0.48	0.76	1.37	0.40	0.45	0.67	0.34	1.39	1.14	0.84
O_2		%	0	0.1	10.54	6.83	8.88	7.45	8.63	7.86	6.83	8.61	11.34	6.66	7.40	8.03	6.62	9.50	7.75	7.28
FL1		Sm³	12	10	12,160	15,012	12,435	14,310	12,929	13,869	15,124	12,722	11,182	15,219	14,219	13,625	15,249	12,009	14,929	15,118
TMP		℃	0	1	180.17	179.56	179.37	178.17	178.75	179.60	180.27	180.08	179.27	178.62	179.86	179.95	180.12	179.84	178.76	180.91
TM1		℃	0	1	1,023.39	1,051.87	998.43	1,033.75	974.29	1,003.49	1,043.62	996.29	973.11	1,057.17	1,038.66	997.55	1,068.02	932.69	997.07	1,017.96
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.26	36.28	36.28	36.28	36.28	36.28	36.28	36.27	36.25	36.25	36.25	36.25

					12-01 08:00	12-01 08:30	12-01 09:00	12-01 09:30	12-01 10:00	12-01 10:30	12-01 11:00	12-01 11:30	12-01 12:00	12-01 12:30	12-01 13:00	12-01 13:30	12-01 14:00	12-01 14:30	12-01 15:00	12-01 15:30
TSP	20	mg/S m³	12	1	0.44	0.38	0.37	0.37	0.36	0.36	0.36	0.35	0.48	0.35	0.35	0.38	0.37	0.37	0.35	0.37
SOx	30	ppm	12	1	0.23	6.61	1.35	0.92	0.00	0.00	0.00	0.00	0.33	0.13	2.28	0.30	0.98	0.29	0.00	0.00
NOx	70	ppm	12	1	35.10	30.15	34.03	36.65	33.77	21.82	20.52	19.82	41.68	25.38	42.62	34.69	26.91	26.92	24.45	15.32
HCl	15	ppm	12	1	5.10	1.68	5.10	4.17	2.84	2.75	1.44	1.41	2.52	0.31	1.58	5.67	5.15	5.78	1.95	2.27
CO	50	ppm	12	1	0.89	0.55	0.57	0.33	0.34	0.59	0.73	0.43	0.41	7.66	0.21	0.48	0.53	0.46	0.52	0.93
O_2		%	0	0.1	9.53	7.43	7.40	7.34	7.09	7.31	7.29	6.63	10.32	6.72	6.57	7.92	7.57	7.45	6.85	7.77
FL1		Sm³	12	10	13,095	14,698	15,011	14,446	14,544	14,563	14,960	15,465	11,535	15,459	15,213	13,691	14,170	14,275	15,126	14,128
TMP		℃	0	1	181.91	181.81	181.85	181.28	180.34	180.66	181.63	182.13	182.33	182.26	182.25	181.51	180.91	180.97	181.68	181.90
TM1		℃	0	1	1,051.99	1,056.57	1,064.73	1,081.75	1,065.47	1,031.99	1,016.62	1,051.11	1,058.26	1,067.35	1,105.59	1,068.51	1,056.68	1,060.29	1,050.83	984.16
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					12-01 16:00	12-01 16:30	12-01 17:00	12-01 17:30	12-01 18:00	12-01 18:30	12-01 19:00	12-01 19:30	12-01 20:00	12-01 20:30	12-01 21:00	12-01 21:30	12-01 22:00	12-01 22:30	12-01 23:00	12-01 23:30
TSP	20	mg/S m³	12	1	0.43	0.36	0.36	0.33	0.34	0.36	0.37	0.37	0.47	0.36	0.32	0.37	0.37	0.38	0.33	0.35
SOx	30	ppm	12	1	0.22	0.00	0.00	2.09	0.00	0.02	1.96	1.77	0.00	0.03	14.79	0.00	0.00	0.00	1.30	7.74
NOx	70	ppm	12	1	18.86	9.47	15.63	14.38	19.31	15.66	19.52	15.01	18.39	17.23	26.19	25.54	23.44	19.58	30.71	22.91
HCl	15	ppm	12	1	1.43	2.07	0.97	2.97	2.05	2.22	2.86	8.13	6.11	1.73	6.41	5.40	3.01	4.50	3.82	6.81
CO	50	ppm	12	1	0.89	0.94	0.73	1.37	0.53	0.53	0.77	0.75	1.21	0.95	0.30	0.44	0.56	0.79	0.52	0.45
O_2		%	0	0.1	9.12	7.49	7.12	5.83	6.50	6.62	6.95	7.31	10.25	7.29	5.22	7.18	7.37	7.88	6.09	6.05
FL1		Sm³	12	10	13,228	14,419	15,089	16,405	15,898	15,469	15,137	14,672	11,813	15,121	17,726	14,926	14,372	13,853	16,233	16,124
TMP		℃	0	1	182.36	182.80	182.54	182.72	183.67	183.86	183.26	182.38	181.80	180.58	183.00	183.37	182.41	181.80	181.56	182.87
TM1		℃	0	1	1,023.89	973.47	986.23	1,056.99	1,029.29	1,027.57	1,010.70	1,000.23	980.69	996.03	1,095.85	1,046.63	1,037.85	998.96	1,065.76	1,070.86
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25