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	2.08	1.73	1.7	1.75	1.68	1.7	1.61	1.58	2.04	1.58	1.79	1.57	1.83	1.64	1.97	1.78
SOx	30	ppm	12	1	0	0	1.54	0	4.76	0.25	0.18	0	0.17	0.04	0	1.49	0	0	0	0
NOx	70	ppm	12	1	26.55	17.18	20.72	24.96	18.88	16.77	18.98	20.03	40.74	26.79	24.83	32.4	24.46	27.32	21.35	19.51
HCl	15	ppm	12	1	3.18	2.7	4	2.39	4.36	3.76	1.92	1.09	2.12	2.29	2.71	3.37	3.73	1.6	2.2	1.21
CO	50	ppm	12	1	0.66	0.63	1.05	1.04	20.61	0.65	25.8	1.27	1.48	0.25	0.39	0.13	0.53	0.28	1.15	1.11
O_2		%	0	0.1	9.66	7.91	7.39	7.91	6.97	7.28	6.63	6.6	9.22	6.66	8.24	6.39	8.61	7.13	9.33	8.2
FL1		Sm³	12	10	12,422.4	13,704.4	14,191.3	13,995.4	14,812.3	13,871.3	14,758.6	14,764.5	12,886.9	15,294.3	13,589.7	15,593.3	12,847.9	14,791.9	12,462.6	13,932.4
TMP		℃	0	1	180.56	181.67	181.59	182.18	182.6	182.01	180.79	180.72	182.27	183.47	183.3	182.76	182.04	181.85	182.1	182.4
TM1		℃	0	1	1,022.39	1,007.63	1,031.44	985.45	1,038.99	1,048.15	1,036.92	1,037.49	1,076.57	1,098.79	1,032.01	1,076.7	1,038.03	1,040.76	967.71	961.77
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.32	36.32	36.32

					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	2.11	1.75	1.75	2.1	1.54	1.61	1.5	1.53	2.12	1.85	1.49	1.71	1.6	1.59	1.59	1.79
SOx	30	ppm	12	1	0.33	0	0	0	0.28	0	0.24	0.02	1.55	0	1.67	1.45	0	0	0.11	0
NOx	70	ppm	12	1	26.01	20	20.58	21.73	16.96	12.93	18.32	17.16	21.82	13.77	18.84	22.1	20.29	19.52	18.45	26.23
HCl	15	ppm	12	1	7.41	4.07	3.67	3.32	3.34	3.15	1.68	2.36	2.68	0.78	0.58	4.57	1.24	1.76	3.89	1.47
CO	50	ppm	12	1	1.58	1.15	1.09	1.45	0.98	0.47	0.22	0.32	0.5	1.24	0.75	0.64	0.54	0.73	11.96	0.83
O_2		%	0	0.1	10.55	8.09	7.93	9.8	6.17	6.75	5.67	5.88	9.71	8.6	5.54	7.36	6.62	6.62	6.26	7.81
FL1		Sm³	12	10	12,096.6	13,731.8	13,797	11,780.6	16,269.2	15,232	16,534.5	16,197	11,572.3	13,140.1	17,215	14,794.9	15,379.6	14,871.6	15,415.5	13,851.9
TMP		℃	0	1	182.53	181.9	181.76	180.95	180.76	182.96	183.31	182.81	182.92	182.14	183.25	184.88	184.46	182.92	182.12	181.84
TM1		℃	0	1	942.38	957.47	987.32	898.7	1,014.11	1,013.13	1,038.44	1,035.78	1,072.76	951.66	1,006.37	1,056.41	1,028.83	992.1	1,050.29	971.99
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.31	36.29	36.29	36.3	36.29	36.29	36.31	36.31	36.31	36.31	36.32	36.32

					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	2.15	1.73	1.77	1.88	1.93	1.66	1.84	1.6	2.14	1.62	1.85	1.62	1.88	1.7	1.65	1.67
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0.18	0	0	0	0	0	0
NOx	70	ppm	12	1	27.01	23.79	21.38	19.83	19.3	20.95	20.39	17.63	20.27	26.88	20.13	22.33	21.87	18.24	19.98	22.03
HCl	15	ppm	12	1	1.61	1.43	1.54	1.96	1.64	1.27	3.23	2.35	3.54	0.7	1.38	0.81	1.84	1.17	1.72	1.7
CO	50	ppm	12	1	0.68	0.61	1.01	1.65	1.74	0.92	1.35	0.53	0.8	0.35	0.96	0.65	1.37	0.72	0.49	0.52
O_2		%	0	0.1	10.6	7.61	7.86	8.45	8.98	7.27	8.5	6.61	10.46	6.91	8.63	6.77	8.64	7.63	7.25	7.24
FL1		Sm³	12	10	11,815.2	14,359.7	14,311.1	13,334.6	12,603.6	14,763.5	12,990.6	15,137	11,552.8	14,722.7	13,001.1	15,128.3	12,835.6	13,798.3	14,183.5	14,535.5
TMP		℃	0	1	181.96	182.65	183.49	183.09	182.23	181.5	181.95	182.38	181.65	181.58	181.89	182.36	182.08	181.05	181.44	182.14
TM1		℃	0	1	1,000.23	1,006.37	981.08	936.15	930.21	966.98	965.27	1,010.25	989.37	1,027.51	990.39	1,014.95	952.99	997.39	1,028.59	1,023.28
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.32	36.32	36.3	36.3	36.3	36.3	36.28

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	2.12	1.56	1.85	1.74	1.75	1.9	1.75	1.59	2.03	1.75	1.92	1.69	1.78	1.69	1.59	1.57
SOx	30	ppm	12	1	0	0	0	5.61	0	0	0	0	6.63	41.28	19.88	0.53	0.11	0	0	0
NOx	70	ppm	12	1	21.76	21.86	18.34	25.17	24.89	20.77	20.01	21.01	25.04	22.83	29.7	26.16	25.33	19.84	19.02	20.94
HCl	15	ppm	12	1	2.8	1.22	3.74	4.42	5.96	4.35	1.69	1.32	3.04	12.77	10.15	2.53	2.07	1.85	0.95	2.56
CO	50	ppm	12	1	1.45	0.63	1.44	1.13	1.24	1.73	1.28	0.76	1.27	1.13	1.86	0.59	1.16	0.76	0.68	0.5
O_2		%	0	0.1	10.91	6.49	8.57	7.62	7.59	8.72	7.96	6.59	9.31	7.92	8.89	7.68	8.22	7.65	6.56	6.39
FL1		Sm³	12	10	11,910.8	15,739.2	13,030	14,825.9	14,575.4	13,010.7	13,799.1	15,002.9	12,774.8	13,747.6	12,872.8	14,067	13,342.6	14,006.7	15,718.3	15,669.9
TMP		℃	0	1	181.67	182.43	182.7	182.01	182.8	182.73	182.06	181.89	181.56	181.64	180.43	178.89	179.45	179.94	181.3	182.47
TM1		℃	0	1	950.17	1,003.53	968.81	954.19	978.53	979.73	958.12	998.25	1,017.73	1,005.74	971	1,027.45	1,002.08	1,017.53	996.86	1,049.19
TM3		℃	0	1	36.28	36.29	36.29	36.31	36.31	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					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	2.03	1.61	1.65	1.66	1.64	1.55	1.67	1.56	2.22	1.79	1.71	1.62	1.6	1.5	1.6	1.61
SOx	30	ppm	12	1	0	0.73	3.21	0.06	0.08	0	0	0	0	0	0	0.14	0	0	0.4	0
NOx	70	ppm	12	1	29.94	23.45	25.51	27.68	21.34	27.85	24.2	27.74	30.17	19.43	25.83	30	25.75	27.31	28	26.3
HCl	15	ppm	12	1	2.52	1.75	11.82	4.76	3.25	2	4.32	2.78	3.81	1.68	1.5	3.07	6.43	3.49	3.41	3.89
CO	50	ppm	12	1	0.48	0.4	0.64	0.48	0.44	0.27	0.45	0.59	0.62	0.52	0.61	0.43	0.52	0.27	0.37	9.48
O_2		%	0	0.1	9.44	6.83	7.12	7.27	7.14	6.17	7.19	6.23	10.69	7.97	7.5	6.67	6.94	6.25	6.78	6.52
FL1		Sm³	12	10	12,866.6	15,146.5	14,733.6	14,295.8	14,365.4	15,821.5	14,424.5	15,486	11,109	13,317.5	14,017.7	15,084.6	14,720.1	15,827.7	15,204.6	14,971.2
TMP		℃	0	1	183.01	182.77	182.09	181.24	181.31	182.1	182.58	182.52	182.51	182.16	181.66	181.73	182.49	182.52	182.74	182.4
TM1		℃	0	1	1,029.84	1,053.21	1,041.93	1,037.12	1,055.53	1,056.59	1,052.17	1,053.83	1,056.87	1,024.38	1,005.68	1,039.23	1,053.07	1,058.19	1,051.01	1,077.31
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.3	36.33	36.35	36.37	36.39	36.4	36.38	36.33	36.34	36.36	36.36	36.35

					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	2.11	1.74	1.59	1.84	1.63	1.74	1.78	1.58	2.16	1.7	1.64	1.53	1.57	1.72	1.63	2.33
SOx	30	ppm	12	1	0	0	1.81	0	0.09	2.23	0.03	0	0	0	0	1.29	1.82	0.01	6.88	0
NOx	70	ppm	12	1	28.16	24.93	34.03	20.91	26.09	24.54	22.35	21.13	29.23	19.22	22.47	27.16	31.26	22.08	24.68	34.48
HCl	15	ppm	12	1	3.07	1.52	1.68	4.1	3.6	9.12	9.8	2.95	3.57	1.36	1.64	4.62	10.03	8.49	6.75	8.35
CO	50	ppm	12	1	0.74	2.02	12.7	0.67	0.34	0.98	1.23	0.43	0.49	0.67	0.75	0.34	0.35	0.71	0.57	2.7
O_2		%	0	0.1	9.33	7.37	6.15	8.84	7.24	7.68	8.05	6.3	9.89	7.41	6.97	6.05	6.41	7.68	6.71	11.22
FL1		Sm³	12	10	12,013.3	13,877.4	15,283.2	12,270	14,047.5	13,855.2	13,454.6	15,227.1	11,691.7	14,240.6	14,787.2	15,612.8	15,212.4	13,683.6	14,755.7	9,997.25
TMP		℃	0	1	181.68	181.88	182.18	182.06	180.58	180.29	181.02	180.95	182.11	182.45	182.69	182.94	183.13	182.58	182.08	180.14
TM1		℃	0	1	1,061.21	1,058.87	1,071.69	1,040.18	1,050.23	1,013.55	1,009.11	1,038.57	1,051.5	1,016.51	1,026.47	1,054.37	1,077.67	1,044.24	1,042.81	935.97
TM3		℃	0	1	36.32	36.33	36.33	36.33	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.31	36.3	36.3

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	1.98	2.02	1.63	1.58	1.5	1.6	1.91	1.55	2.13	1.67	1.93	1.52	1.82	1.52	1.62	1.72
SOx	30	ppm	12	1	21.49	3.3	0.15	10.58	0.01	0.8	0	0	0	0	0	0.28	0.61	7.13	0	0.01
NOx	70	ppm	12	1	24.05	24.61	18.32	16.85	20.43	23.17	22.67	25.06	26.23	19.49	20.82	18.92	19.08	24.72	28.37	23.1
HCl	15	ppm	12	1	10.39	11.91	2.27	14.83	4.89	7.11	5.85	2.47	4.19	3.52	4.84	1.52	5.46	4.75	4.68	5.3
CO	50	ppm	12	1	1.81	2.55	3.37	0.71	0.27	0.26	0.96	0.47	0.82	0.73	1.34	0.46	0.77	26.79	0.35	0.68
O_2		%	0	0.1	8.94	9.52	6.88	6.35	5.76	6.71	8.9	6.29	10.47	7.31	9.04	5.99	8.21	5.71	6.91	7.51
FL1		Sm³	12	10	13,575.9	11,718.6	15,878.8	15,857.2	16,300.9	15,397.2	12,556.3	15,498.1	11,621.6	14,341.4	12,325.3	15,864.4	13,133.4	16,052	14,677.5	14,111.6
TMP		℃	0	1	177.85	179.25	179.75	182.7	182.56	183.53	183.01	181.92	182.28	181.77	181.18	180.2	181.31	181.6	182.37	182.47
TM1		℃	0	1	940.21	970.21	944.85	1,014.03	1,055.64	1,078.97	1,008.29	1,036.98	1,026.03	1,003.12	975.55	989.42	1,033.47	1,050.97	1,043.53	1,025.77
TM3		℃	0	1	36.29	36.28	36.29	36.29	36.28	36.31	36.31	36.32	36.29	36.29	36.31	36.3	36.29	36.31	36.32	36.31

					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	2.11	1.64	1.74	1.7	1.61	1.56	1.68	1.65	2.1	1.66	1.63	1.71	1.51	1.73	1.58	1.95
SOx	30	ppm	12	1	0	0	0	6.91	0	0	0.08	0	0	0	0	0	0	0	0.07	0
NOx	70	ppm	12	1	25.83	23.02	22.84	25.57	28.75	28.47	20.78	22.87	60.09	22.03	27.01	25.24	25.31	27.35	24.26	17.14
HCl	15	ppm	12	1	5.77	2.77	4.08	9.03	3.26	2.61	2.4	1.6	1.76	0.72	1.27	1.91	1.9	3.73	3.62	4.22
CO	50	ppm	12	1	0.78	0.45	0.51	0.46	0.58	0.24	0.63	0.5	0.19	0.3	0.12	0.37	0.37	0.25	0.27	0.63
O_2		%	0	0.1	10.28	7.22	7.76	7.01	6.66	6.19	6.6	6.93	9.4	6.37	6.7	7.29	5.43	7.27	5.98	8.88
FL1		Sm³	12	10	11,916	14,317.1	13,789.2	14,585.3	15,101.7	15,823.6	14,979.4	14,573	11,539	14,500.2	14,158.5	13,499.6	15,505.1	13,635.4	14,659	11,909.1
TMP		℃	0	1	182.41	182.59	182.74	182.43	181.9	182.3	182.8	181.48	180.43	180.21	179.9	180.14	180.4	181.34	181.54	180.89
TM1		℃	0	1	1,035.99	1,022.62	1,031.51	1,059.06	1,032.36	1,062.07	1,076.14	1,023.45	1,035.27	1,040.1	1,078.44	1,048.89	1,094.27	1,059.6	1,124.65	1,000.02
TM3		℃	0	1	36.3	36.31	36.3	36.31	36.28	36.28	36.3	36.3	36.31	36.32	36.32	36.33	36.33	36.35	36.35	36.34

					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	2.21	1.67	1.85	1.83	1.87	1.88	1.72	1.62	2.12	1.88	1.75	1.85	1.84	1.73	1.86	1.72
SOx	30	ppm	12	1	0	0	0.12	0	0	0	0	0.07	0	0	0.22	0.36	1.06	0	0	0
NOx	70	ppm	12	1	26.33	18.43	17.56	19.35	16.56	16.07	20	20.8	34.14	18.22	22.63	22.14	25.41	27.14	25.72	17.8
HCl	15	ppm	12	1	2.7	1.29	4.58	7.24	4.05	3.73	3.77	4.3	5.73	4.08	5.32	5.3	6.18	3.56	2.83	1.83
CO	50	ppm	12	1	1.21	0.57	0.62	0.67	0.79	0.91	0.47	0.24	0.21	0.75	0.5	0.51	0.63	0.5	0.68	0.64
O_2		%	0	0.1	10.49	7.18	8.17	8.22	8.56	8.65	7.45	6.54	9.41	8.44	7.49	8.21	8.17	7.44	8.38	7.44
FL1		Sm³	12	10	10,988.2	13,956.5	13,202.8	12,827.5	12,507	12,447.2	14,003.1	15,090.3	12,081.6	12,838.1	13,948.8	13,047.9	13,496.1	14,475.4	13,167.9	14,394.9
TMP		℃	0	1	179.02	177.77	178.81	178.73	178.66	180.14	181.24	182.09	182.83	182.42	181.94	181.53	180.78	180.95	180.65	180.52
TM1		℃	0	1	983.41	1,032.61	1,018.56	1,015.41	998.49	968.88	1,015.95	1,055.05	1,087.63	1,005.27	1,035.59	1,033.45	1,021.08	1,042.53	1,008.87	1,011.98
TM3		℃	0	1	36.33	36.33	36.33	36.33	36.34	36.32	36.34	36.34	36.35	36.35	36.35	36.33	36.33	36.34	36.34	36.32