9월 16일 굴뚝별 트랜드

					09-16 00:00	09-16 00:30	09-16 01:00	09-16 01:30	09-16 02:00	09-16 02:30	09-16 03:00	09-16 03:30	09-16 04:00	09-16 04:30	09-16 05:00	09-16 05:30	09-16 06:00	09-16 06:30	09-16 07:00	09-16 07:30
TSP	20	mg/Sm³	12	1	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
SOx	30	ppm	12	1	0.14	0.00	0.03	0.06	0.14	0.21	0.26	0.27	0.12	0.00	0.00	0.00	0.01	0.04	0.02	0.03
NOx	70	ppm	12	1	0.82	0.34	0.51	0.63	0.68	0.77	0.91	1.00	0.53	0.13	0.14	0.17	0.29	0.36	0.43	0.49
HCl	15	ppm	12	1	0.13	0.02	0.03	0.06	0.10	0.10	0.12	0.14	0.07	0.02	0.02	0.03	0.04	0.06	0.06	0.06
CO	50	ppm	12	1	0.03	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.03
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	22.30	22.15	22.04	22.15	22.38	22.38	22.13	22.05	22.01	21.94	22.09	22.00	22.04	22.35	22.45	22.37
TM1		℃	0	1	24.79	24.49	24.61	24.73	24.57	24.49	24.42	24.59	24.34	24.31	24.22	24.27	24.53	24.38	24.55	24.31
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

					09-16 08:00	09-16 08:30	09-16 09:00	09-16 09:30	09-16 10:00	09-16 10:30	09-16 11:00	09-16 11:30	09-16 12:00	09-16 12:30	09-16 13:00	09-16 13:30	09-16 14:00	09-16 14:30	09-16 15:00	09-16 15:30
TSP	20	mg/Sm³	12	1	0.04	0.04	0.05	0.06	0.06	0.06	0.08	0.08	0.06	0.07	0.08	0.05	0.05	0.09	0.10	0.06
SOx	30	ppm	12	1	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.02	0.01	0.09	0.08	0.08	0.09
NOx	70	ppm	12	1	0.20	0.15	0.22	0.15	0.08	0.07	0.02	0.21	0.22	0.22	0.24	0.26	0.48	0.61	0.75	0.95
HCl	15	ppm	12	1	0.02	0.03	0.03	0.02	0.01	0.00	0.00	0.00	0.05	0.08	0.07	0.07	0.11	0.12	0.13	0.14
CO	50	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.02	0.02
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	22.42	22.48	22.47	22.40	22.33	22.40	22.47	22.63	22.76	22.74	22.94	23.08	22.95	23.08	23.40	23.56
TM1		℃	0	1	24.13	24.68	25.04	25.11	25.41	25.67	25.64	25.87	26.30	25.96	26.15	26.04	26.33	26.08	26.21	26.15
TM3		℃	0	1	36.05	36.05	36.05	36.05	36.05	36.06	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-16 16:00	09-16 16:30	09-16 17:00	09-16 17:30	09-16 18:00	09-16 18:30	09-16 19:00	09-16 19:30	09-16 20:00	09-16 20:30	09-16 21:00	09-16 21:30	09-16 22:00	09-16 22:30	09-16 23:00	09-16 23:30
TSP	20	mg/Sm³	12	1	0.05	0.04	0.04	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SOx	30	ppm	12	1	0.06	0.07	0.26	0.13	0.16	0.17	0.38	0.33	0.11	0.33	0.46	0.48	0.55	0.56	0.48	0.49
NOx	70	ppm	12	1	0.38	0.21	0.42	0.55	0.64	0.66	0.84	0.85	0.52	0.41	0.50	0.49	0.55	0.73	0.91	1.14
HCl	15	ppm	12	1	0.06	0.03	0.12	0.07	0.09	0.10	0.16	0.16	0.05	0.07	0.08	0.07	0.06	0.03	0.00	0.00
CO	50	ppm	12	1	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	23.27	23.33	23.16	23.07	23.05	22.99	22.68	22.80	22.95	23.06	23.14	23.12	23.01	22.89	22.83	22.80
TM1		℃	0	1	26.11	26.20	26.17	25.82	25.93	25.95	25.40	24.94	24.53	24.55	24.20	24.45	24.31	24.18	24.18	24.13
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

9월 17일 굴뚝별 트랜드

					09-17 00:00	09-17 00:30	09-17 01:00	09-17 01:30	09-17 02:00	09-17 02:30	09-17 03:00	09-17 03:30	09-17 04:00	09-17 04:30	09-17 05:00	09-17 05:30	09-17 06:00	09-17 06:30	09-17 07:00	09-17 07:30
TSP	20	mg/Sm³	12	1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
SOx	30	ppm	12	1	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	0.59	0.37	0.56	0.70	0.84	0.95	1.05	1.08	0.40	0.07	0.17	0.22	0.30	0.21	0.22	2.13
HCl	15	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.04	0.03	0.04	0.03
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.03	0.04	0.03
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.76
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	22.78	22.75	22.70	22.62	22.59	22.53	22.52	22.52	22.51	22.47	22.44	22.40	22.36	22.37	22.21	22.06
TM1		℃	0	1	24.08	24.43	24.34	23.91	24.19	24.07	23.99	24.11	23.89	24.01	23.82	24.03	23.85	23.73	23.89	23.65
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

					09-17 08:00	09-17 08:30	09-17 09:00	09-17 09:30	09-17 10:00	09-17 10:30	09-17 11:00	09-17 11:30	09-17 12:00	09-17 12:30	09-17 13:00	09-17 13:30	09-17 14:00	09-17 14:30	09-17 15:00	09-17 15:30
TSP	20	mg/Sm³	12	1	7.07	22.18	27.25	25.67	22.91	20.14	18.58	16.61	10.34	20.59	20.20	20.61	20.22	20.53	15.52	9.23
SOx	30	ppm	12	1	35.41	130.26	166.45	188.40	206.40	195.00	194.10	187.50	35.21	80.70	84.90	78.30	71.70	67.50	44.75	17.78
NOx	70	ppm	12	1	6.32	30.41	39.05	42.00	42.00	32.70	27.00	27.30	3.09	0.00	0.00	0.00	0.00	0.00	0.10	6.76
HCl	15	ppm	12	1	8.28	23.76	25.95	27.90	27.00	22.20	22.80	24.30	18.08	37.80	38.70	42.30	43.50	48.30	33.34	17.82
CO	50	ppm	12	1	0.00	0.60	1.75	2.40	3.60	4.80	3.60	2.40	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.96	20.94	20.96	20.98	20.97	20.98	21.10	21.12	21.09	21.08	21.05	21.04	21.01	21.02	21.04	21.08
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	21.99	21.77	21.69	21.70	21.67	21.71	21.94	22.07	22.27	22.44	22.58	22.73	22.81	22.98	23.12	23.37
TM1		℃	0	1	23.97	23.71	23.75	23.92	23.91	23.98	24.16	24.17	24.22	24.65	24.45	24.61	25.03	24.94	25.29	25.53
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

					09-17 16:00	09-17 16:30	09-17 17:00	09-17 17:30	09-17 18:00	09-17 18:30	09-17 19:00	09-17 19:30	09-17 20:00	09-17 20:30	09-17 21:00	09-17 21:30	09-17 22:00	09-17 22:30	09-17 23:00	09-17 23:30
TSP	20	mg/Sm³	12	1	9.20	6.02	13.94	21.27	23.05	19.86	18.67	17.46	6.40	13.26	13.85	12.66	13.64	15.02	15.42	15.42
SOx	30	ppm	12	1	22.91	16.29	31.71	52.85	60.90	59.70	36.60	44.70	9.76	25.50	21.00	21.45	20.25	18.75	19.35	11.25
NOx	70	ppm	12	1	1.66	0.00	12.31	0.00	0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HCl	15	ppm	12	1	1.02	0.90	2.91	1.15	6.60	9.30	16.50	18.00	9.23	20.25	21.30	23.40	25.80	25.80	27.45	28.20
CO	50	ppm	12	1	0.00	0.00	0.00	1.15	1.20	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00
O_2		%	0	0.1	21.05	21.07	21.02	20.96	20.97	21.07	21.09	21.06	20.96	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	23.52	23.39	23.51	23.62	23.62	23.46	23.34	23.10	22.60	22.39	22.29	22.15	22.02	22.04	22.02	22.03
TM1		℃	0	1	25.69	25.57	25.53	25.28	25.08	24.58	24.40	24.41	24.27	24.02	24.22	23.76	23.96	23.97	23.85	23.64
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

9월 18일 굴뚝별 트랜드

					09-18 00:00	09-18 00:30	09-18 01:00	09-18 01:30	09-18 02:00	09-18 02:30	09-18 03:00	09-18 03:30	09-18 04:00	09-18 04:30	09-18 05:00	09-18 05:30	09-18 06:00	09-18 06:30	09-18 07:00	09-18 07:30
TSP	20	mg/Sm³	12	1	7.79	15.41	15.40	15.79	15.40	15.99	15.59	15.39	7.78	15.38	15.38	16.36	15.57	15.37	15.57	15.36
SOx	30	ppm	12	1	15.41	22.95	31.05	30.60	37.65	40.50	32.55	41.85	9.48	21.60	31.05	24.60	14.40	20.25	24.30	18.60
NOx	70	ppm	12	1	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HCl	15	ppm	12	1	10.65	21.60	23.70	22.35	24.75	23.85	26.25	26.55	10.49	21.60	22.05	23.70	24.00	24.75	25.35	26.10
CO	50	ppm	12	1	0.00	0.30	0.90	0.90	0.90	0.90	1.80	1.80	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.95	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.94	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	21.94	21.84	21.70	21.63	21.59	21.55	21.53	21.41	21.33	21.26	21.24	21.19	21.15	21.09	21.01	20.92
TM1		℃	0	1	23.67	23.70	23.49	23.39	23.21	23.27	23.22	23.05	23.03	22.91	22.89	22.71	22.69	22.42	22.51	22.61
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

					09-18 08:00	09-18 08:30	09-18 09:00	09-18 09:30	09-18 10:00	09-18 10:30	09-18 11:00	09-18 11:30	09-18 12:00	09-18 12:30	09-18 13:00	09-18 13:30	09-18 14:00	09-18 14:30	09-18 15:00	09-18 15:30
TSP	20	mg/Sm³	12	1	7.18	14.38	4.44	0.25	7.95	11.66	12.66	11.07	4.81	10.09	9.44	9.47	9.29	8.62	8.70	8.75
SOx	30	ppm	12	1	12.57	34.80	3.16	0.00	0.24	9.15	21.45	28.65	11.10	24.60	28.30	35.65	32.83	37.88	37.13	39.87
NOx	70	ppm	12	1	4.41	8.25	191.61	0.31	31.06	123.75	171.45	45.90	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HCl	15	ppm	12	1	11.10	22.20	4.24	0.31	1.86	3.45	9.60	15.90	7.30	15.30	18.05	25.39	21.25	25.96	24.00	25.97
CO	50	ppm	12	1	0.00	18.90	0.15	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
O_2		%	0	0.1	20.94	20.90	21.02	21.11	20.92	20.90	20.90	20.90	20.95	20.90	20.90	20.92	20.90	20.91	20.90	20.91
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	20.89	20.99	21.20	21.40	21.71	22.03	22.11	22.21	22.35	22.40	22.51	22.56	22.70	22.72	22.81	22.95
TM1		℃	0	1	22.69	23.00	23.09	23.25	23.44	23.81	24.07	23.98	23.89	24.25	24.53	24.39	24.64	25.13	25.36	26.07
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

					09-18 16:00	09-18 16:30	09-18 17:00	09-18 17:30	09-18 18:00	09-18 18:30	09-18 19:00	09-18 19:30	09-18 20:00	09-18 20:30	09-18 21:00	09-18 21:30	09-18 22:00	09-18 22:30	09-18 23:00	09-18 23:30
TSP	20	mg/Sm³	12	1	5.01	9.42	9.73	11.72	9.73	9.12	9.91	10.49	5.41	10.68	10.67	11.06	10.86	10.65	10.65	10.65
SOx	30	ppm	12	1	12.79	26.78	29.10	30.15	32.85	32.40	28.20	17.10	16.63	25.65	21.90	3.30	0.90	0.00	0.00	0.00
NOx	70	ppm	12	1	0.03	0.00	0.00	0.00	0.00	46.05	0.00	0.00	6.37	52.65	129.45	0.00	80.55	168.15	534.00	155.70
HCl	15	ppm	12	1	10.79	24.58	23.10	22.65	24.45	25.80	27.15	27.75	12.60	25.20	24.75	27.00	27.15	25.05	25.65	26.85
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.82	4.50	3.60	2.85	3.15	3.00	3.45	4.50
O_2		%	0	0.1	20.95	20.91	20.90	20.90	20.90	20.90	20.90	20.90	20.93	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	23.16	23.26	23.38	23.58	23.43	22.99	22.71	22.51	22.36	22.17	21.99	21.76	21.59	21.46	21.40	21.29
TM1		℃	0	1	25.91	26.01	25.57	25.16	24.81	24.89	24.75	24.57	24.60	24.70	24.50	24.54	24.41	24.54	24.73	24.63
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