

Table S4. METARs data from KEWR, Newark Liberty International Airport, for 11-12 September. UTC refers to Coordinated Universal Time.

Year	UTC	Full METAR
2008	23:51	18008KT 10SM FEW070 SCT250 20/12 A3031 RMK AO2 SLP263 T02000117 10228 20200 53001
	00:51	19006KT 10SM BKN060 BKN250 19/12 A3031
	01:51	19006KT 10SM BKN060 BKN250 19/12 A3032 RMK AO2 SLP266 T01940122
	02:51	18006KT 10SM SCT055 BKN250 19/12 A3031 RMK AO2 SLP262 T01890117 58000
	03:51	19005KT 10SM BKN060 BKN250 19/12 A3030 RMK AO2 SLP259 T01890117
	04:51	20006KT 10SM BKN060 19/12 A3029 RMK AO2 SLP257 T01890117 402280161
	04:58	19006KT 10SM SCT055 OVC070 19/12 A3027 RMK AO2 SLP250 T01890122 10200 20189 58012
	05:13	19004KT 10SM BKN050 OVC070 19/12 A3026 RMK AO2 SLP245 T01890117
	05:51	20007KT 10SM OVC048 19/12 A3025 RMK AO2 SLP242 T01890117
	06:51	21005KT 10SM OVC044 19/12 A3024 RMK AO2 SLP238 T01890122 56013
	07:51	20005KT 10SM FEW030 OVC042 19/12 A3022 RMK AO2 SLP232 T01890122
2010	23:51	13007KT 10SM FEW070 BKN250 22/12 A2998 RMK AO2 SLP150 T02170122 10278 20211 53010
	00:51	13007KT 10SM BKN250 21/13 A3000 RMK AO2 SLP157 T02110128
	01:51	17005KT 10SM BKN250 20/13 A3002 RMK AO2 SLP166 T02000128
	02:51	17004KT 10SM BKN250 20/13 A3004 RMK AO2 SLP170 T02000133 51020
	03:51	16005KT 10SM FEW035 BKN250 20/13 A3004 RMK AO2 SLP172 T02000133
	04:51	14007KT 10SM BKN035 BKN250 20/14 A3004 RMK AO2 SLP171 T02000144 402780144
	04:58	14007KT 10SM BKN027 BKN037 20/14 A3004 RMK AO2
	05:13	14007KT 10SM SCT027 BKN035 20/14 A3004 RMK AO2
	05:51	14007KT 10SM FEW027 SCT035 19/14 A3004 RMK AO2 SLP171 T01940139 10217 20194 51001
	06:51	13006KT 10SM FEW037 19/14 A3003 RMK AO2 SLP168 T01940139
	07:51	11005KT 10SM FEW037 SCT090 BKN250 19/14 A3000 RMK AO2 SLP159 T01940144
	08:51	11007KT 10SM FEW027 SCT110 BKN250 19/13 A3001 RMK AO2 SLP162 T01890133 55009
	09:51	11004KT 10SM FEW027 BKN110 BKN250 19/13 A3001 RMK AO2 SLP162 T01890133
2012	23:51	25006KT 10SM SCT260 22/08 A3024 RMK AO2 SLP240 T02170083 10250 20211 53006
	00:51	25005KT 10SM FEW260 21/08 A3026 RMK AO2 SLP248 T02110083
	01:51	24003KT 10SM FEW250 19/09 A3027 RMK AO2 SLP250 T01940089
	02:51	25006KT 10SM FEW250 19/09 A3027 RMK AO2 SLP251 T01890094 51011
	03:51	21003KT 10SM CLR 18/09 A3028 RMK AO2 SLP252 T01780094
	04:51	23005KT 10SM CLR 16/10 A3028 RMK AO2 SLP254 T01610100 402500117