

附錄三 美國氣象資料格式

HUSWO 格式

Field	Example	Comment
1	99999	Station ID
2	1990011211	Year, Month, Day, Hour
3	0000	Global radiation. 9999 indicates missing.
4	0000	Direction radiation. 9999 indicates missing.
5	00	Total Sky Cover
6	00	Opaque Sky Cover
7	140.0	Dry Bulb Temperature
8	140.0	Dew Point Temperature
9	000	Relative Humidity
10	2067	Station Pressure
11	000	Wind Direction
12	99.0	Wind Speed
13	0.0	Visibility
14	00000	Ceiling Height
15		Present Weather
16		ASOS CLOUD LAYER1
17		ASOS CLOUD LAYER2
18		ASOS CLOUD LAYER3
19	999	Hourly Precipitation
20	000	Snow Depth

FSL 格式

---COLUMN NUMBER---						
1	2	3	4	5	6	7
LINTYP	header lines					
254	HOUR	DAY	MONTH	YEAR	(blank)	(blank)
1	WBAN#	WMO#	LAT	LON	ELEV	RTIME
2	HYDRO	MXWD	TROPL	LINES	TINDEX	SOURCE
3	(blank)	STCID	(blank)	(blank)	SONDE	WSUNITS
data lines						
9	PRESSURE	HEIGHT	TEMP	DEWPT	WIND DIR	WIND SPD
4						
5						
6						
7						
8						

LEGEND

LINTYP: type of identification line

- 254 = indicates a new sounding in the output file
- 1 = station identification line
- 2 = sounding checks line
- 3 = station identifier and other indicators line
- 4 = mandatory level
- 5 = significant level
- 6 = wind level (PPBB) (GTS or merged data)
- 7 = tropopause level (GTS or merged data)
- 8 = maximum wind level (GTS or merged data)
- 9 = surface level

Td9768 格式

Column	Element
1-5	Station ID
6-7	Year
8-9	Month
10-11	Day of month
12	AM precipitation type
13	Blank
14-17	AM mixing height(meters)
18-21	Average wind speed through mixing depth(m/s)
22-25	Surface wind speed(m/s)
30	PM precipitation type
32-35	PM mixing height(meters)
36-39	Average wind speed through mixing depth(m/s)
40-43	Surface wind speed(m/s)

