

Eastern Mass Hawk Watch

DEFINITIONS for Data Forms

TIME (STD) Eastern **STANDARD** Time: weather and flight conditions at **beginning** of hour, sightings to the **minute**

Wind Speed	enter CODE
calm, smoke rises vertically	0
smoke drifts to show wind direction	1
leaves rustle, wind felt on face	2
leaves, small twigs in constant motion; light flag extended	3
raises dust, leaves, loose paper; small branches in motion	4
small trees with leaves sway	5
larger branches in motion; whistling heard in wires	6
whole trees in motion; resistance felt walking against wind	7
twigs, small branches broken off trees; walking generally impeded	8

Wind Direction compass direction **FROM** which the wind is coming (N, NNE, SE, etc.); if variable, enter VAR

Temp (**Celsius**) if you don't have a thermometer with Celsius, read deg F, then convert later using $C=(F-32)\times 5/9$

Humidity estimate %

Bar. Pressure in **inches**, if known

Cloud Cover estimate % of sky with background cloud cover

Visibility (**km**) estimate from your longest view, in **km** (multiply miles by 1.5 to get ~kms)

Precipitation	enter CODE
None	0
Haze or Fog	1
Drizzle	2
Rain	3
Thunderstorm	4
Snow	5
Wind-driven dust, sand or snow	6

Flight Direction compass direction migrants are **HEADING** (S, SSW, etc.)

Height of Flight	enter CODE
below eye level	0
eye level to ~30 meters	1
birds seen easily with unaided eyes (or with eyeglasses)	2
at limit of unaided vision	3
beyond limit of unaided eye but visible with binoculars up to 10x	4
at limit of binoculars	5
beyond limit of binoculars up to 10x, but seen with >10x or telescope	6
no predominant height - most often used code	7

No. of observers number of observers actually contributing observations during the hour

Dur.of obs.(**min.**) amount of observation time, in **minutes**, during the hour

Comments anything you can add about the flight or specific birds (e.g. kettle size; plummage; full crop; unusual behavior)

on the Field Recording Sheet: number the observation, then write it (numbered) on the back

on the HMANA DRF summary sheet: mark "x" under **comments**, then copy observation to the back