Monarch Consortium Field Data Site Form

Date: June 27, 2016 Location: Van 2 Monitor: Brooke & Bob

Start Time: 1 : 10 End Time: 2 : 00

Butterfly Start Time: 1 : 15 Butterfly End Time: 1 : 30

Temp: 82 F°/C°

Wind: (circle one) Calm Light Moderate Very Windy

Clouds: (circle one) Clear Mostly Clear Mostly Cloudy Cloudy

Landscape Sampling:

Is milkweed present? Yes No Estimated number: 10 per 1000ft²

Flowering plants? Yes No Estimated number: 1 per 100ft²

Type of habitat: Agriculture Wooded Waste Area Pasture
Grass Waterway CRP

Definitions

Wind

Calm: 0 mph, Smoke rises vertically
Light: 1-3 mph, Wind direction shown by smoke, but not by wind vanes
Moderate Breeze: 13-17 mph, Raises dust and loose paper; small branches move
Windy: 25+ mph, Large branches move

Clouds

Clear: No clouds
Mostly Clear: Less than half cloud cover
Mostly Cloudy: More than half cloud cover
Cloudy: Full cloud cover

Type of habitat

Agriculture: Corn, soybean, small grain (oats, barley, wheat), alfalfa field. In addition to the crop do you observe any weeds or flowering nectar-producing plants?

Wooded: Windbreak in which trees are planted in line or row. A woodlot or riparian buffer strips – which have perennial plantings along streams, creeks, waterways consisting of trees, shrubs other perennial vegetation

Waste Area: Grass dominated roadsides in Iowa typically planted to smooth brome. Some roadsides have considerable plant diversity, make sure to check for milkweed plants and flowering-nectar producing plants in these areas and estimate density by counting number of plants (should this be plants or stems?)

Pasture, rangeland, CRP: these areas may appear to be a meadow/prairie that is grass dominated but may contain plant species of interest: milkweed, flowering-nectar producing plants. These areas differ from agricultural lands because they are not replanted each year but are permanent or semi-permanent lands. They may contain wetlands and grass strips that facilitate water run-off from fields.