

U.S. LENTIC WETLAND INVENTORY FORM

Record ID No: _____

ADMINISTRATIVE DATA

Unique Location ID: _____ Reach ID: _____

- A1. Field data collected by: _____
A2. Funding Agency/Organization: _____
A3a. BLM State Office: _____
A3b. BLM Field Office/Field Station: _____
A3c. BLM Office Code: _____ A3d. Is the polygon in an active BLM grazing allotment? (Yes; No; NA): _____
If Yes, A3e: Allotment Number: _____ Allotment ID: _____ Allotment Name: _____ Management Status: _____
A3f: Allotment Number: _____ Allotment ID: _____ Allotment Name: _____ Management Status: _____
A4. USFWS Refuge: _____
A5. Reservation: _____
A6. NPS Park/NHS: _____
A7. USFS National Forest: _____
A8. Other Location: _____
A9. Year: _____ A10. Date field data collected: _____ A11. Observers: _____
A12a. At least some part of this polygon has been inventoried more than once (resampled)? (Yes; No): _____
If No, go to item A13a. If Yes, A12b. This polygon coincides exactly with another inventoried polygon? (Yes; No): _____
A12c. Is this the latest inventory for this polygon? (Yes; No): _____
A12d. ID No.(s) of other inventories of this polygon: _____, _____, _____, _____, _____
A12e. Other years: _____
A12f. This polygon shares common area with other inventoried polygon(s)? (Yes; No): _____ A12g. Other years: _____
A12h. ID No.(s) of other records sharing area with this polygon: _____, _____, _____, _____, _____
A13a. Has a change in management occurred? (Yes; No): _____ If Yes, A13b. Year that changed occurred: _____
A13c. Type of management change applied: _____

LOCATION DATA

- B1. State/Province: _____ B2. County/Municipal district: _____
B3. Allotment/Range/Management unit: _____
B4a. Area name: _____
B4b. Tributary to: _____
B4c. Group name: _____ B4d. Group number: _____ B5. Polygon number: _____
B6. Elevation (ft): _____ ; (m): _____
B7a. Polygon latitude/longitude coordinates: _____ GPS Projection: _____
Deg Min Sec N/S Decimal Deg Min Sec E/W Decimal Accuracy Initial Observer
+/- ft +/- m & WPT
WPT1: Lat: _____ Lon: _____
WPT2: Lat: _____ Lon: _____
WPT3: Lat: _____ Lon: _____
WPT4: Lat: _____ Lon: _____
Other Waypoints:
WPT5: Lat: _____ Lon: _____
WPT6: Lat: _____ Lon: _____
B7b. Other Point _____
Comments: _____

B8. Hydrologic unit code(s) (HUC) from the USGS National Hydrography Dataset (NHD): Record ID No: _____

HUC LEVELS: Region (2 digits; First Level HUC); Subregion (4 digits; Second Level HUC); Basin (6 digits; Third Level HUC); Subbasin (8 digits; Fourth Level HUC); Watershed (10 digits; Fifth Level HUC); and Subwatershed (12 digits; Sixth Level HUC)

HUC #1: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

HUC #2: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

HUC #3: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

HUC #4: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

HUC #5: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

HUC #6: _____
River Miles: _____
Percent of Stream Reach: _____
Region Name: _____
square miles: _____
Subregion Name: _____
square miles: _____
Basin Name: _____
square miles: _____
Subbasin Name: _____
square miles: _____
Watershed Name: _____
square miles: _____
Subwatershed Name: _____
acres: _____

SELECTED SUMMARY DATA

- C1.** Wetland type: _____ **C2.** Polygon size (ac): _____ ; (hect): _____
C3a. Is the entire polygon an upland? (Yes; No): _____ **If No, C3b.** Does the polygon consist entirely of functional wetland types? (Yes; No): _____ **C3c.** Functional wetland area (ac): _____ ; (hect): _____ **C3d.** Percent of total polygon: _____
C4. Does the polygon contain a defined shoreline? (Yes; No; NC): _____
C5. Polygon length (mi): _____ ; (km): _____ **C6.** Number of miles the polygon represents: _____ ; (km): _____
C7a. Average riparian zone width (ft): _____ ; (m): _____
C7b. Riparian zone width range (ft): _____ to _____ ; (m): _____ to _____

Health Assessment Summary

- C8.** Polygon Health: _____ Rating Percent (%) _____ Descriptive Category: _____
 Vegetation: _____
 Soil / Hydrology: _____
OVERALL: _____

Rating Percent Range	Descriptive Category
80-100	Proper Functioning Condition (Healthy)
60-79	Functional At Risk (Healthy, but with Problems)
<60	Nonfunctional (Unhealthy)

VEGETATION DATA

- D1a.** ACOE US Wetland Region: _____ **D1b.** Wetland prevalence index: _____
D1c. Vegetation structural diversity: _____
Trees
D2a. Are trees present? (Yes; No): _____ **D2b.** Tree species by canopy cover (%) and percent age group (%)
- | SPECIES | COV (%) | SDLG/DEC | SPLG/DEC | POLE/DEC | MAT/DEC | DEAD |
|---------|---------|----------|----------|----------|---------|-------|
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

SPECIES	D3. Regen. Category	D4. Age Group Dist. Category	D5a. Sdlg/Splg Browse Utilization	D5b. Browse Architecture Type	D5c. Browse Intensity
_____	_____	_____	_____	_____	_____

D5d. Cottonwood/poplar regeneration by seed vs. root suckering (asexual). Record the percent for each (must total 100%; NA = Not Applicable): Species Seed Suckering Species Seed Suckering Species Seed Suckering Species Seed Suckering

Record ID No: _____

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Shrubs

D6a. Are shrubs present? (Yes; No): _____

D6b. Does the polygon have potential for preferred woody species ? (Yes; No; NC): _____

D6c. Shrub species canopy cover (%), age/size groups (%), and utilization

SPECIES	COV (%)	SDLG-SPLG/UTIL	MATURE/UTIL	DEC-DEAD/UTIL
_____	_____	_____	_____	_____

D6d. Shrub Growth Form (N,F,U,C)

D6e. Browse Architecture Type

D6f. Browse Intensity

D6g. Tree **AND** shrub removal by other than browse: None (0-5%); Light (6-25%); Moderate (26-50%); Heavy (>50%); NA; NC: _____

D6h. Basis of Call: _____

D7. Graminoids Graminoids present? (Yes; No): _____

SPECIES	COV (%)	SPECIES	COV (%)	SPECIES	COV (%)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

D8. Forbs Forbs present? (Yes; No): _____

SPECIES	COV (%)	SPECIES	COV (%)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Record ID No: _____

Unique Location ID: _____

Weed Data

D13a. Are invasive species present? (Yes; No; NC): _____

If **Yes, D13b.** Enter the canopy cover and the density/distribution class for each of the following invasive species:

	Canopy Cover	Density/Distribut. Class
black henbane (HYONIG):	_____	_____
broadleaved pepperweed (LEPLAT):	_____	_____
bull thistle (CIRVUL):	_____	_____
burningbush (KOCSCO):	_____	_____
butter and eggs (LINVUL):	_____	_____
Canada thistle (CIRARV):	_____	_____
cheatgrass (BROTEC):	_____	_____
common tansy (TANVUL):	_____	_____
Dalmatian toadflax (LINDAL):	_____	_____
diffuse knapweed (CENDIF):	_____	_____
Dyer's woad (ISATIN):	_____	_____
field bindweed (CONARV):	_____	_____
field brome (BROJAP):	_____	_____
field scabiosa (KNAARV):	_____	_____
field sowthistle (SONARV):	_____	_____
flowering-rush (BUTUMB):	_____	_____
Fuller's teasel (DIPFUL):	_____	_____
houndstongue (CYNOFF):	_____	_____
leafy spurge (EUPESU):	_____	_____
lesser burdock (ARCMIN):	_____	_____
medusahead (TAECAP):	_____	_____
nodding plumeless thistle (CARNUT):	_____	_____
North Africa grass (VENDUB):	_____	_____
orange hawkweed (HIEAUR):	_____	_____
oxeye daisy (LEUVUL):	_____	_____
paleyellow iris (IRIPSE):	_____	_____
prickly Russian thistle (SALTRA):	_____	_____
purple loosestrife (LYTSAL):	_____	_____
Russian knapweed (ACRREP):	_____	_____
Russian olive (ELAANG):	_____	_____
saltcedar (tamarisk) (TAMARI):	_____	_____
Scotch cottonthistle (ONOACA):	_____	_____
spotted knapweed (CENMAC):	_____	_____
St. John's wort (HYPPER):	_____	_____
sulphur cinquefoil (POTREC):	_____	_____
tall buttercup (RANACR):	_____	_____
whiteweed (LEPDRA):	_____	_____
yellow starthistle (CENSOL):	_____	_____

D9. Plant Group by Canopy Cover (%)

Layer	Trees	Shrubs	Graminoids	Forbs
3 (>6.0 ft):	_____	_____	_____	_____
2 (>1.5 - 6.0 ft):	_____	_____	_____	_____
1 (0 - 1.5 ft):	_____	_____	_____	_____

D10. Total canopy cover (%) by lifeform:

Trees: _____ Shrubs: _____

Graminoids: _____ Forbs: _____

D11. Total canopy cover (%) by woody species: _____

D12. Total canopy cover (%) by all plant lifeforms: _____

D13c. Percent of polygon covered by invasive species:

Canopy Cover	Density/Distribution Class
_____	_____

D14a. Are undesirable herbaceous species present?

Yes; No; NC): _____

If **Yes, D14b.** Record the combined canopy cover (%) of all undesirable herbaceous species observed: _____

D15. Habitat Types and Community Types

Classification Type Name	Phase	Approx. Percent of Polygon	Successional Stage or Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

D16a. Is there evidence that part, or all, of the polygon has burned (e.g., charred wood, dead standing trees or shrubs, etc.)? (Yes; No; NC): _____

If **Yes, D16b.** Approx. how long ago? (0 to 5 years ago; more than 5 years ago): _____

D16c. Percent of polygon that was burned? (0-25%; 26-50%; 51-75%; 76-100%): _____

D17. Polygon trend: Improving; Degrading; Static; or Status Unknown? _____

D18. Explain trend description and give other vegetation comments:

PHYSICAL SITE DATA

Unique Location ID: _____ Record ID No: _____

F1. Estimate the polygon breakdown into these NWI classes: Emergent: _____ Scrub/shrub: _____ Forested: _____

F2. What is the primary water source on the polygon? (Perennial stream, Overland surface flow, Springs/seeps, Topographic contact with groundwater table, Unknown, Other): _____

Explain Other: _____

F3. Is the water body in a closed basin with no outlet? (Yes, No, NA, NC): _____

F4. Describe the water chemistry (Alkaline/Saline; Fresh, Unknown, NC): _____

F5a. Degree of artificial change of water level (Not Subjected, Minor, Moderate, Extreme, NC): _____

F5b. Basis of call: _____

F6a. Is there an overflow structure? (Yes, No, NA, NC): _____ If **Yes**, answer **F6b, c**; otherwise go to **F7a**.

F6b. Indicate type (Concrete, Pipe, Rock Armored, Unprotected, Other): _____

Explain "Other": _____

F6c. Does the overflow structure appear stable? (Yes, No, NA, NC): _____ Stability Category: _____

Explain: _____

F6d. Location of overflow structure on waterbody: _____

F7a. Does the polygon contain a defined shoreline? (Yes; No; NC): _____

If **Yes**, **F7b.** Are shoreline mineral substrates visible? (Yes; No): _____

If **F7b Yes**, **F7c.** Give the percent (%) of each size (must approx. 100%):

_____ >20 inches (Medium Boulders +)	_____ 2.5 - 5 inches (Small Cobbles)	_____ 0.062 mm - 2 mm (Sand)
_____ 10 - 20 inches (Small Boulders)	_____ 0.6 - 2.5 inches (Coarse Gravel)	_____ <0.062 mm (Silt and Clay)
_____ 5 - 10 inches (Large Cobbles)	_____ 0.08 inches - 0.6 inches (Fine Gravel)	

F8. Percent of polygon with deep, binding root mass (0-35%; 36-65%; 66-85%; over 85%; NC): _____

F9. Has natural function of the polygon vegetation been reduced by human activities (Yes; No; NC)? _____

F9a. What percent of the polygon natural vegetation function has been reduced by human activities? _____

F9b. Breakdown the causes of human-caused alteration to the polygon vegetation (must approx. 100%):

_____ Grazing	_____ Timber Harvest	_____ Cottage or Urban Devel.	_____ Recreation
_____ Cultivation	_____ Mining	_____ Construction	_____ Other

Explain "Other": _____

F9c. Breakdown the kinds of human-caused alteration to the polygon vegetation (must approx. 100%):

_____ Clearing - Land	_____ Replace Tall Woodyies to Short Woodyies	_____ Replace Native to Non-native
_____ Clearing - Emergent Veg.	_____ Replace Tall Herbaceous with Short Herb.	_____ Other

Explain "Other": _____

F9d. Comment on the nature and extent of human-caused alteration to the vegetation:

F10a. Is there physical alteration of the polygon by human activities (Yes; No; NC)? _____ If **No**, go to **F10e**.

F10b. Percent of polygon physically altered by human activities (aside from the vegetation)? _____

F10c. Breakdown the causes of human-caused alteration to the physical polygon site (must approx. 100%):

_____ Grazing	_____ Timber Harvest	_____ Cottage or Urban Devel.	_____ Recreation	_____ Other Kinds
_____ Cultivation	_____ Mining	_____ Construction	_____ Water Management	

Explain "Other": _____

F10d. Breakdown the kinds of human-caused alteration to the physical polygon site (must approx. 100%):

_____ Soil Compaction (hum-pug, trails, paths, wallows, etc.)	_____ Hydrologic change (ditching, draining, flooding, etc.)	
_____ Human Impervious surface (pavement, roofs, walks, etc.)	_____ Topographic change (Landscaping)	
_____ Bank alteration (hoof shear, riprap, berms, etc.)	_____ Plowing/tilling	_____ Other

Explain "Other": _____

F10e. Choose a category to describe the severity of the alteration recorded in F9a. (None, Slight, Moderate, Severe): _____

F10f. Comment on any odd or unusual aspect of human-caused alteration to the physical polygon:

F11a. Is there exposed soil surface (bare ground)? (Yes; No): _____ If **Yes**, complete **F11b-d**; if **No**, go to **F12**.

F11b. Percent (%) of the polygon which is exposed soil surface (bare ground): _____

F11c. Of this, how much is due to Natural Processes: _____ Human-caused disturbance: _____ (must approx. 100%)

F11d. Within *each* category (natural and human-caused), how much resulted from the listed processes?

NATURAL PROCESSES (must approx. 100%)

HUMAN-CAUSED PROCESSES (must approx. 100%)

- _____ Erosional
- _____ Depositional
- _____ Wildlife Use
- _____ Other
- _____ Type Dependent
- _____ Saline/Alkaline
- _____ Natural Drawdown Area

- _____ Grazing
- _____ Timber Harvest
- _____ Cultivation
- _____ Other
- _____ Construction
- _____ Mining
- _____ Recreation

Explain "Other": _____

F12. Total plant canopy cover (from D12): _____ Total bare ground (from F11b): _____

F13. Non-vegetated (i.e., vascular plant) ground cover.

Rocks (>2.5 in.): _____ Moss: _____ Litter/Duff: _____ Wood: _____ Human Imperv. Surf.: _____

F14a. Is open water standing on the polygon? (Yes; No; NA; NC): _____ If **Yes**, **F14b.**: Percent of the polygon: _____

F15a. Animal-caused pugging/hummocking present? (Yes; No): _____ If **Yes**, **F15b.** Percent of polygon affected: _____

F16a. Are side drainages and hillslopes contributing to degradation of the system? (Yes; No; NA; NC): _____

If **Yes**, **F16b.** Human-caused? (Yes; No; NA; NC): _____ Causes: _____

F16c. Natural cause? (Yes; No; NA; NC): _____ List major soil type: _____

F17. Water quality is sufficient to support wetland plants? (Yes; No; NA; NC): _____

F18. Lentic wetland zone is enlarging or has reached potential extent? (Yes; No; NA; NC): _____

F19. Lentic wetland area is saturated, or ground water is near or above the surface? (Yes; No; NA; NC): _____

F20. Wetland plants exhibit high vigor? (Yes; No; NA; NC): _____

F21. Frost or abnormal hydrologic heaving is not present? (Yes; No; NA; NC): _____

F22. Favorable microsite conditions (i.e., woody debris, water temp., etc.) maintained by nearby site characteristics (Yes; No; NA; NC): _____

F23. Chemicals affecting plant productivity/composition not apparently accumulating on the site? (Yes; No; NA; NC): _____

F24. Saturation (ponding, frequency & duration of inundation) is sufficient to form and maintain hydric soils? (Yes; No; NA; NC): _____

F25. Underlying geologic structure (i.e., soil, parent material, permafrost) capable of restricting percolation? (Yes; No; NA; NC): _____

F26. The wetland is in balance with water and sediment supply (no excessive erosion or deposition)? (Yes; No; NA; NC): _____

F27. Islands & shore protected adequately from wind & wave energies by rock and/or large woody debris? (Yes; No; NA; NC): _____

F28. Comments: (Summarize unique characteristics or problems not evident from the data collected. Include topics related to any of the optional data. Consider current and historic attributes resulting from human-caused and natural processes.):

F29. Detailed description of the polygon boundaries if it does not include the entire wetland area at the site:

ADDITIONAL DATA

Unique Location ID: _____ Record ID No: _____

G1. Vegetative use by animals (0-25%; 26-50%; 51-75%; 76-100%): _____

G2. Adjacent uplands (Agriculture; Grassland; Shrubland; Forest; or Other): _____

G3a. Break down the polygon area into the land uses listed (must total to approx. 100%):

G3b. Break down the area adjacent to the polygon into the land uses listed (must total to approx. 100%):

No land use apparent: _____

No land use apparent: _____

Turf grass (lawn): _____

Turf grass (lawn): _____

Tame pasture (grazing): _____

Tame pasture (grazing): _____

Native pasture (grazing): _____

Native pasture (grazing): _____

Recreation (ATV paths, campsites, etc.): _____

Recreation (ATV paths, campsites, etc.): _____

Development (buildings, corrals, paved lots, etc.): _____

Development (buildings, corrals, paved lots, etc.): _____

Tilled cropping: _____

Tilled cropping: _____

Perennial forage (e.g., alfalfa hayland): _____

Perennial forage (e.g., alfalfa hayland): _____

Roads: _____

Roads: _____

Logging: _____

Logging: _____

Mining: _____

Mining: _____

Railroads: _____

Railroads: _____

Description of Other Usage Noted: Other: _____

Description of Other Usage Noted: Other: _____

G4a. Were Category 2 (T & E) plant species observed? (Yes; No): _____ If **Yes, G4b.** Species: _____

G4c. Location(s): _____

G5. Percent of shore accessible to livestock: _____

G6a. Has the shoreline configuration been modified by construction? (Yes; No; NC): _____

If **Yes, G6b.** How much of the shoreline length is modified (%)? _____

G6c. What part resulted from the various sources: (must approx. 100%)

Dikes _____

Road Construction _____

Railroads _____

Berms _____

Water Diversion Structures _____

Mining _____

Dams _____

Vegetation Removal _____

Bridges _____

Rip-rap _____

Channelization _____

Logging _____

Other _____

Explain "Other": _____

G6d. Location(s): _____

WILDLIFE DATA

Record ID No: _____

Beaver Data

Unique Location ID: _____

G7a. Is there evidence of beaver in the polygon? (Yes; No; NC) _____

If **Yes, G7b.** (Active; Inactive): _____

G7c. Describe the type and amounts of beaver activity observed:

G7d. Number of beaver dams and lodges observed: _____

G7e. Level of beaver activity (number of stems chewed) (1-25; 26-100; over 100; NC): _____

G7f. How many beavers were observed? _____

Where? _____

Waterfowl Data

G8a. Were waterfowl nests or broods observed? (Yes; No; NC): _____

If **Yes, G8b.** Describe: _____

Fishery Data

G9a. Does the polygon contain a fishery? (Yes; No; Unknown): _____

If **Yes, G9b.** Is it a sport fishery, non-sport fishery, or unknown: _____

G9c. Fish types present, if known (use common names or descriptions): _____

G9d. How many fish were observed? (0; 1-10; 11-50; >50): _____

G9e. If the polygon does not contain a fishery, is there potential for one? (Yes; No; Unknown): _____

Explain: _____

Amphibian and Reptile Data

G10a. Were amphibians observed? (Yes; No; NC): _____

If **Yes, G10b.** Number observed: Frogs: _____ Toads: _____ Salamanders: _____

G11a. Were reptiles observed? (Yes; No; NC): _____

If **Yes, G11b.** Number observed: Snakes: _____ Turtles: _____ Lizards: _____

G12. List amphibian or reptile species and the quantity of each identified in the polygon.

Spp. #1: _____ No.: _____ Loc.: _____

Spp. #2: _____ No.: _____ Loc.: _____

Spp. #3: _____ No.: _____ Loc.: _____

Spp. #4: _____ No.: _____ Loc.: _____

Threatened and Endangered Species Data

G13a. Were T & E animal species observed? (Including the recently de-listed bald eagle) (Yes; No; NC): _____

If **Yes, G13b.** What species? Peregrine Falcon: _____ Bald Eagle: _____ Bull Trout: _____

Peregrine Falcon Nest: _____ Bald Eagle Nest: _____

G13c. Other species observed?

Species	Number	Species	Number
_____	_____	_____	_____
_____	_____	_____	_____

G13d. Location in polygon where T & E animals or nests were sighted:

PHOTOGRAPH DATA

Photographer(s): _____

H1. Identification of photos taken at WPT1:

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT1: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____

Photo Description (If necessary): (**WPT1**): _____

Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____

Photo Description (If necessary): (**WPT1**): _____

Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____

Photo Description (If necessary): (**WPT1**): _____

Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____

Photo Description (If necessary): (**WPT1**): _____

H2. Identification of photos taken at WPT2:

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT2: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____

Photo Description (If necessary): (**WPT2**): _____

Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____

Photo Description (If necessary): (**WPT2**): _____

Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____

Photo Description (If necessary): (**WPT2**): _____

Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____

Photo Description (If necessary): (**WPT2**): _____

H3. Identification of photos taken at WPT3:

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT3: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____

Photo Description (If necessary): (**WPT3**): _____

Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____

Photo Description (If necessary): (**WPT3**): _____

Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____

Photo Description (If necessary): (**WPT3**): _____

Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____

Photo Description (If necessary): (**WPT3**): _____

H4. Identification of photos taken at WPT4:

	Deg	Min	Sec	N/S	Decimal	Lon:	Deg	Min	Sec	E/W	Decimal
Photo Location WPT4: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____	_____
Photo Direction at WPT4 (degrees):	_____					Photo nos.: (WPT4):	_____				
Photo Description (If necessary): (WPT4):	_____										
Photo Direction at WPT4 (degrees):	_____					Photo nos.: (WPT4):	_____				
Photo Description (If necessary): (WPT4):	_____										
Photo Direction at WPT4 (degrees):	_____					Photo nos.: (WPT4):	_____				
Photo Description (If necessary): (WPT4):	_____										
Photo Direction at WPT4 (degrees):	_____					Photo nos.: (WPT4):	_____				
Photo Description (If necessary): (WPT4):	_____										

H5. Additional Locations: (Lat/Lon DMS and Decimal Degrees [WGS 84]; Observer Initial and Waypoint Number)

Observer
Initial
& WPT

Location #1: Lat: _____ Lon: _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Location #2: Lat: _____ Lon: _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Location #3: Lat: _____ Lon: _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Location #4: Lat: _____ Lon: _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Location #5: Lat: _____ Lon: _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Unique Location ID: _____ Record ID No: _____

Location #6: Lat: _____ Lon: _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

Record ID No: _____

A large, empty rectangular box with a thin black border, occupying the upper half of the page. It is intended for data entry or a drawing.A second large, empty rectangular box with a thin black border, identical in size and position to the one above, occupying the lower half of the page. It is also intended for data entry or a drawing.

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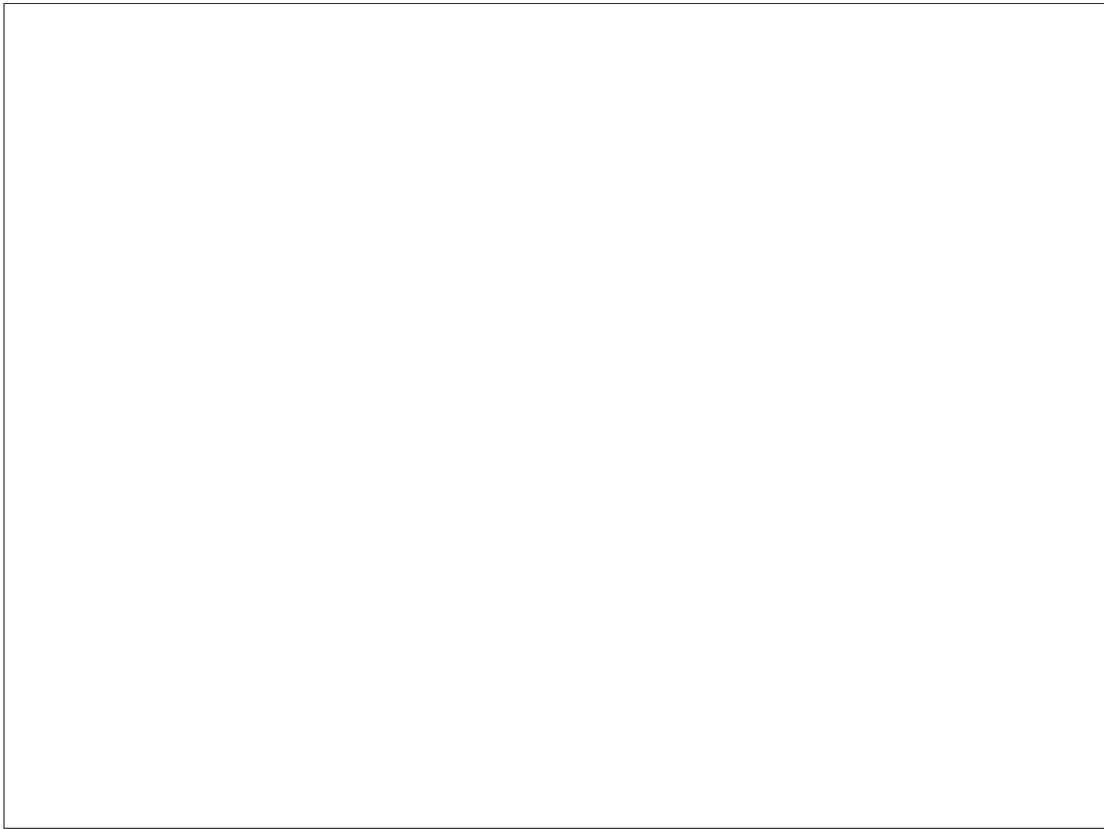
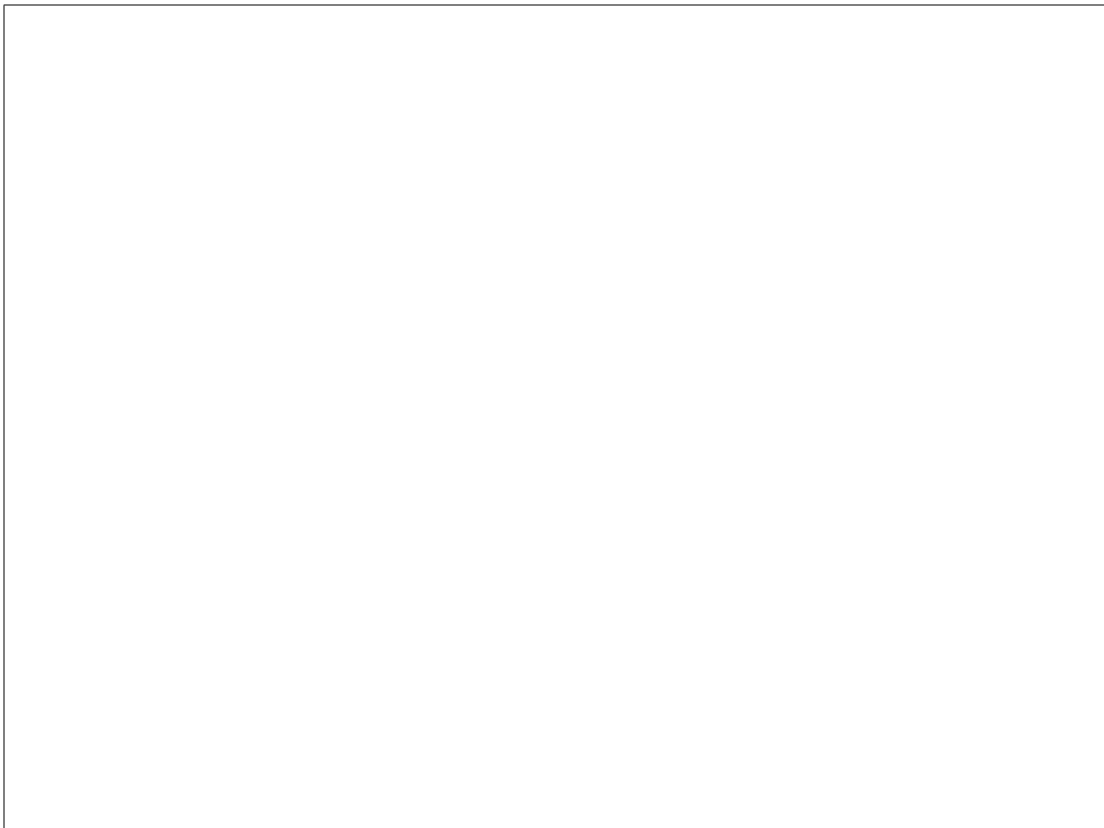
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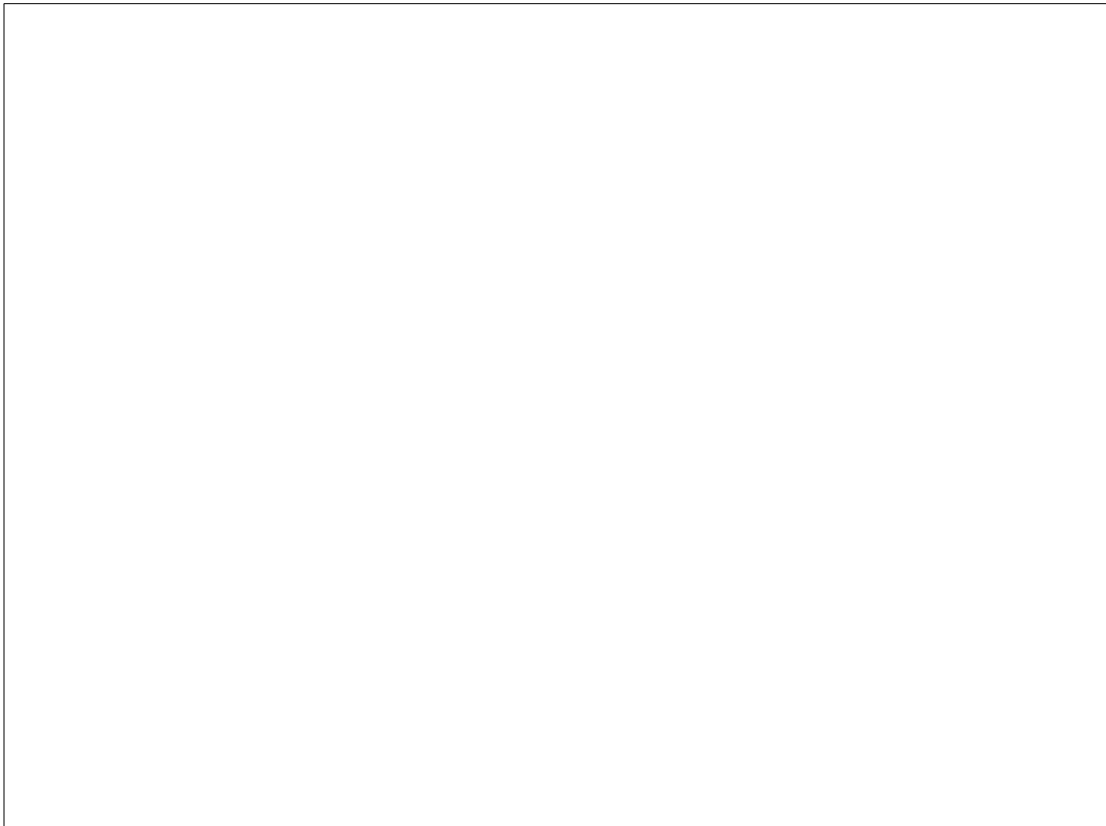
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