

Carbon Landscape Winter Bitterns Survey



| | | | | | |
|-------------------------|--|------------------------------|--|---|--|
| Recorder name(s) | | | | Survey Point Grid Reference e.g. SD 5815 0385 | |
| Site name | | | | | |
| Date e.g. 05/01/2018 | | Start time e.g. 10:15 hrs | | End time e.g. 12:15 hrs | |

Weather conditions

| | | | | | |
|-------------------------------------|--|-----------------------------------|--|--------------------------------------|--|
| Ice cover % | | Wind (Beaufort scale) | | Precipitation (none / light / heavy) | |
| Visibility (good / moderate / poor) | | Glare (none / moderate / intense) | | | |

Bittern observations - record below and mark estimated locations on survey map

| Time e.g. 06:50 | Count | Record type (sound / visual) | Activity (see codes below) | Flight direction |
|--------------------|-------|------------------------------|-------------------------------|------------------|
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Please tick if no Bitterns heard or seen

Bittern activity codes

| Code | Activity | Code | Activity | Code | Activity |
|------|----------|------|-----------------------|------|-------------|
| BO | Booming | FI | Flying into reedbed | OV | Flying over |
| FE | Feeding | FT | Flying out of reedbed | RO | Roosting |














Additional reedbed species

| Species code | Count | Comments |
|--------------|-------|----------|
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Additional reedbed species

| Code | Birds | Code | Mammals | Code | Reptiles |
|------|-----------------|------|----------------------|------|-------------------|
| CW | Cetti's Warbler | MI | Mink | AD | Adder |
| CA | Cormorant | OT | Otter | GS | Grass Snake |
| H. | Grey Heron | RE | Red Deer | VL | Viviparous Lizard |
| GD | Goosander | RO | Roe Deer | | |
| JS | Jack Snipe | Mu | Muntjac Deer | | |
| LG | Little Grebe | DO | Deer (other species) | | |
| LE | Long-eared Owl | WV | Water Vole | | |
| MR | Marsh Harrier | | | | |
| RB | Reed Bunting | | | | |
| SE | Short-eared Owl | | | | |
| SN | Snipe | | | | |
| TO | Tawny Owl | | | | |
| WA | Water Rail | | | | |
| WK | Woodcock | | | | |

Beaufort Scale

| Beaufort number | Wind Speed (mph) | Seaman's term | | Effects on Land |
|-----------------|------------------|-----------------|---|---|
| 0 | Under 1 | Calm |  | Calm; smoke rises vertically. |
| 1 | 1-3 | Light Air |  | Smoke drift indicates wind direction; vanes do not move. |
| 2 | 4-7 | Light Breeze |  | Wind felt on face; leaves rustle; vanes begin to move. |
| 3 | 8-12 | Gentle Breeze |  | Leaves, small twigs in constant motion; light flags extended. |
| 4 | 13-18 | Moderate Breeze |  | Dust, leaves and loose paper raised up; small branches move. |
| 5 | 19-24 | Fresh Breeze |  | Small trees begin to sway. |
| 6 | 25-31 | Strong Breeze |  | Large branches of trees in motion; whistling heard in wires. |
| 7 | 32-38 | Moderate Gale |  | Whole trees in motion; resistance felt in walking against the wind. |
| 8 | 39-46 | Fresh Gale |  | Twigs and small branches broken off trees. |
| 9 | 47-54 | Strong Gale |  | Slight structural damage occurs; slate blown from roofs. |
| 10 | 55-63 | Whole Gale |  | Seldom experienced on land; trees broken; structural damage occurs. |
| 11 | 64-72 | Storm |  | Very rarely experienced on land; usually with widespread damage. |
| 12 | 73 or higher | Hurricane Force |  | Violence and destruction. |

END OF INFORMATION