

Metadata for NEBC WILD CURRENT COND PY



Purpose

The Wildlife Annual Status dataset (NEBC_WILD_CURRENT_COND_PY) represents the consideration of disturbance within Wildlife Habitat Areas and Ungulate Winter Range in Northeast BC.

Background

The BCER NEBC Annual Status datasets are updated and published annually by the BC Energy Regulator to evaluate the level of disturbance in designated areas in northeast BC. This information is useful in operational planning and decision making to support consideration of material adverse effect. This dataset includes a disturbance metric for Wildlife Habitat Areas (WHA) and Ungulate Winter Ranges (UWR). The dataset reports percentage disturbance at the WHA and UWR level and identifies areas as being low, medium, or high risk, depending on the level of disturbance. This information supports consideration of WHA and UWR in decision making under the Environmental Protection and Management Regulation. Field validation of this data is encouraged in development planning.

The Wildlife Annual Status dataset was initially developed by the BC Energy Regulator for consideration disturbance within WHA and UWR in Northeast BC. Data was derived from the provincial [WHA](#) and [UWR](#) datasets. Disturbance is estimated using the BCER Surface Land Use data that is updated annually. The risk status is calculated differently for WHA and UWR, and for small and large Wildlife Habitat Areas. Details as follows:

Wildlife Habitat Area

Low Risk WHA	Intactness $\geq 98\%$ for small WHA ($\leq 100\text{ha}$) Intactness $\geq 97\%$ for large WHA ($> 100\text{ha}$)
Medium Risk WHA	Intactness $\geq 95\%$ and $< 98\%$ for small WHA Intactness $\geq 90\%$ and $< 97\%$ for large WHA
High Risk WHA	Intactness $< 95\%$ for small WHA Intactness $< 90\%$ for large WHA

Ungulate Winter Range

Low risk UWR	Intactness $\geq 95\%$ for UWR
Medium Risk UWR	Intactness $\geq 85\%$ and $< 95\%$ for UWR
High Risk UWR	Intactness < 85 for UWR

Data Properties

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
OBJECTID	Object ID	Object ID		Unique row number auto generated by database
SHAPE	Shape	Geometry (Polygon)		
SHAPE.AREA		Double		Area auto calculated by database (m ²)
SHAPE.LEN		Double		Polygon perimeter auto calculated by database (m)
AREA_ID	Area Identifier	Text		This field is based on the WHA or UWR tag assigned by government to each designated area. For UWR this includes a combination of the UWR tag and the subunit tag.
DISTURBANCE_RANK	Level of Disturbance	Text	6	Low, medium or high (depending on the level of disturbance in the UWR or WHA)
INTACTNESS	Intactness (%)	Double		Percentage intactness
TRIGGER_HIGH	High Rank Trigger	Short		High risk trigger (percent)
TRIGGER_HIGH_HA	High Rank Trigger (Ha)	Double		High risk trigger (hectares)
TRIGGER_MEDIUM	Medium Rank Trigger	Short		Medium risk trigger (percent)
TRIGGER_MEDIUM_HA	Medium Rank Trigger (Ha)	Double		Medium risk trigger (hectares)
WHA_AREA_HA	Wildlife Habitat Area (Ha)	Double		Area of WHA (hectares)
SOURCE	Designated Area Type	Text	10	This field defines if the area is a UWR or WHA
COMMON_SPECIES	Common Species	Text	50	The primary species for which the designated area was established
POLY_AREA_HA	Feature Area (Ha)	Double		
UWR_AREA_HA	Ungulate Winter Range Area (Ha)	Double		Area of UWR (hectares)
CROWN_AREA_HA	Crown Land Area (Ha)	Double		Area crown land (hectares)
CURRENT_COND_HA	Current Condition Area (Ha)	Double		Current Condition (hectares)
SLU_DATE	Surface Land Use Date	Text	10	Vintage of disturbance data used in calculations.
OWN_CLASS	Land Owner Classification	Text	10	Land Ownership Class
WILD_ID	Wildlife Area ID	Short		Wildlife Area Identifier

Renewal Triggers and Service Levels

1. Annual updates

Downstream Applications

Web Application	Map Service
REST SERVICE	https://geoweb-ags.bc-er.ca/arcgis/rest/services/PROJECT/NEBC_WILD_CURRENT_COND_PY/MapServer
Open Data Portal	https://data-bc-er.opendata.arcgis.com/datasets/c32d28cec0354e3281df83f248442595/explore

Use Limitations

This data is for representation purposes only. The Regulator provides this data "as is" with the understanding that it is not guaranteed to be accurate, correct or complete and conclusions drawn from such information are the responsibility of the user. It carries no guarantee of any kind, express or implied.

Please review the [BCER Open Data License](#) for complete details.

References

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