# 2022

ANITA MCMILLAN
District Wildlife Biologist
SHELLY AMENT
Assistant District Wildlife Biologist





# **DISTRICT 16 HUNTING PROSPECTS**

Clallam and west Jefferson counties

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 ${\bf District\ Biologists\ Shelly\ Ament\ and\ Anita\ McMillan\ collaring\ a\ deer\ fawn.}$ 

#### **DISTRICT 16 GENERAL OVERVIEW**

District 16 includes Clallam and western Jefferson counties on the Olympic Peninsula (Figure 1). The district has eight game management units (GMUs). Two eastern GMUs, Coyle GMU 624 and Olympic GMU 621, extend into eastern Jefferson County, which is within District 15. Reference the District 17 Hunting Prospects for information on Matheny GMU 618.

Each GMU in District 16 has its own unique mix of land ownerships: private residential, private agricultural, private forest industrial, state, and federal forest, and park lands. Higher-elevation forest lands are primarily in public ownership: U.S. Forest Service (USFS) and Olympic National Park (ONP). Lower elevation foothills are generally private industrial forest lands and Washington State Department of Natural Resources (DNR) managed lands.

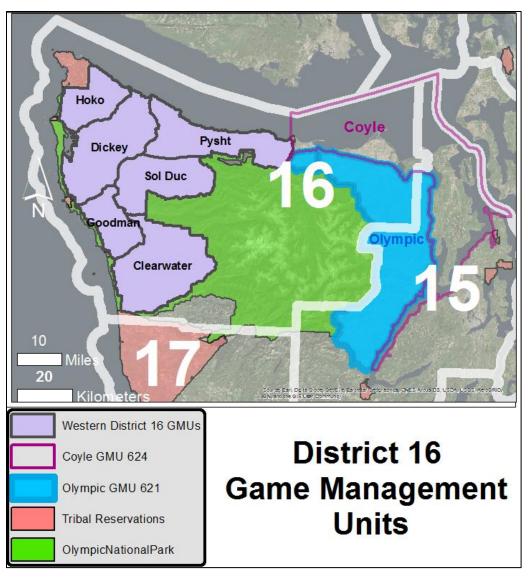


Figure 1. District 16 GMUs. Coyle and Olympic GMUs extend into District 15.

Table 1. District 16 Deer and Elk Annual Harvest

District 16* Deer & Elk Annual Harvest								
Species	2021	2020	2019	2018	2017	2016	2015	2014
Elk - Bulls Total	196	281	323	306	213	213	286	213
Elk - Bulls State	126	208	226	229	135	141	184	123
Elk - Bulls Tribal	70	73	97	77	75	72	101	90
Elk - Antlerless Total	51	50	70	50	27	44	29	27
Elk - Antlerless State	14	8	28	26	2	3	4	2
Elk - Antlerless Tribal	37	42	42	24	25	41	25	25
Deer - Bucks Total	1081	1120	1115	967	872	1115	982	987
Deer - Bucks State	976	995	1000	867	775	993	884	881
Deer - Bucks Tribal	105	125	115	100	97	122	98	106
Deer - Antlerless Total	105	110	124	97	149	189	150	130
Deer - Antlerless State	69	85	78	66	117	138	115	84
Deer - Antlerless Tribal	36	25	46	31	32	51	35	46
*Include	s GMU 601, 60	2, 603, 607, 612	, 615, 621, 624	(GMU 621 &	624 are in bo	oth District 15	& 16)	

 Table 2. District 16 Game Species Annual Harvest

		District 1	6 Game Sp	ecies Annu	al Harvest			
Species	2021	2020	2019	2018	2017	2016	2015	2014
BEAR*	90	119	152	94	101	87	66	66
COUGAR	9	8	5	12	2	8	5	2
DUCKS (Clallam & Jefferson Co)	10365	7208	8682	6999	6057	11540	8093	7253
GEESE - September (early season)	84	388	96	154	149	272	97	136
GEESE (late season)	432	353	364	318	183	713	355	331
BRANT - Clailam County	180	156	46	89	90	Closed	Closed	Closed
FOREST GROUSE (Clallam & Jefferson Co)	3814	3153	6868	2958	2590	4374	4794	5356
MOURNING DOVE (Clallam & Jefferson Co)	0	30	51	36	0	54	67	11
QUAIL (Clallam & Jefferson Co)	22	101	43	31	150	236	164	500
SNIPE	77	213	0	0	0	45	4	0
HARE/RABBIT (Clallam & Jefferson Co)	20	185	32	71	54	60	45	54



#### **EAST DISTRICT 16**

The eastern portion of the district is the Dungeness Basin (western GMU 624 Coyle and northern portion of GMU 621 Olympic). The Dungeness watershed offers a rich habitat diversity in high elevation, rain-shadow mountains to lower watershed. The prairie is now a rural mix of small and large farms with scattered developments. The lower basin has some private duck hunting club ownerships and a few public waterfowl hunting areas. Waterfowl hunting opportunities have expanded in the eastern portion of the district in recent years. The Dungeness Basin and the smaller watersheds east of the Elwha are areas where deer abundance results in frequent complaints. Highly visible deer occur in the Coyle and Olympic GMUs as well as lower elevation forestlands with an ideal ratio of forest openings. Some of the Olympic GMU habitat includes large areas of USFS mature forest habitat that offers less forage for ungulates. Deer Area 6020, where there are "any deer" regular seasons, typically features more deer for harvest. Access to private ownership poses a challenge for hunters in District 16 and hunters should arrange access with target properties.

#### **WEST DISTRICT 16**

The west end (Hoko, Dickey, Sol Duc, Goodman, and Clearwater) has the bulk of elk in the district, while deer are sparse in these same GMUs. Various sub herds of elk are located within District 16. Many elk herds are year-round residents that remain in lower elevation habitats. Some herds regularly migrate into higher elevations, most always on ONP. Hunters are likely to find harvest opportunities as elk move out of ONP during the hunting season. The ONP areas vary from the Outer Coast Park strip to the eastern portion of the Clearwater (GMU 615), which includes a large block of DNR-managed land that borders ONP.

Varied hunting opportunities exist within District 16, from waterfowl hunting on designated shoreline and wetland areas along the Strait of Juan de Fuca, to forest grouse, deer, elk, bear, and cougar hunting on private commercial and public forest land. Both state (DNR) and federal (USFS) lands provide hunting opportunities for a variety of species within the district.

# **ELK**

#### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

The elk within District 16 are Roosevelt elk. District 16 encompasses various sub herds of the Olympic elk herd, one of 10 herds identified in the state. Elk numbers peaked in the late 1970s, with a conservative estimate of about 12,000 elk outside of Olympic National Park based on historical harvest information. Past elk population estimates were based on a combination of harvest data, telemetry studies, and mark-resight surveys. These techniques yielded a 2000 fall population estimate of about 8,600 in the GMUs surrounding Olympic National Park. The current population of the Olympic elk herd is likely lower.

Overall, the elk harvest opportunity is for 3-point minimum. Much of the elk hunting within the eastern portion of the district is restricted to a limited entry (state hunters – permit only, 3-point minimum, bull-only harvest) with antlerless harvest used as a damage management tool when necessary. Elk hunting opportunities are generally good west of the Elwha River, with possibilities on DNR-managed lands, USFS lands, and private timberlands. However, several areas limit vehicular access or require permits to access. Hunters should obtain permission to hunt on private lands and must obey all posted signs and regulations. Some elk herds migrate down from high alpine meadows in Olympic National Park to lowland winter range. Public lands and private commercial timberlands bordering the park are good prospects. Hunters often scout for elk that leave ONP and travel along major river drainages. Keep in mind that it is unlawful to hunt in ONP.

Along with elk come some challenges with elk damage, some of which WDFW manages using harvest and hunting pressure. WDFW's conflict specialists manage these elk damage areas and frequently use master hunter permittees to put pressure on the herds and encourage habitat use patterns that limit damage and support public safety. If interested, review the information to sign up for the Master Hunter Permit Program.

Radio-Collars and Markers: Local elk studies and ongoing monitoring require marking elk using transmitting markers or other tags. The radio-collar or ear tag markers should be marked with contact information identifying it as property of WDFW, university or other researchers. Recovering radio-collars from marked animals can provide biologists with valuable information. Please return any radio-collars from animals you harvest. When drugs are used to capture an animal, it is marked with an ear tag printed with directions to call the Department before consuming the meat. If you harvest an animal that you can't consume due to potential drug residues remaining in the meat, the Department will re-issue your original transport tag, special permit, or special permit points as appropriate. For more information reference page 46 of the 2022 WDFW Big Game pamphlet.

#### WHICH GMU SHOULD ELK HUNTERS HUNT?

Hunters can harvest elk from any of the District 16 GMUs. Past harvest records can help to inform which areas hunters should consider for future harvests. Harvest has been one of the reliable measurements the Department to monitor elk on the Olympic Peninsula. WDFW generates game harvest report data using mandatory hunting reports, follow-up phone surveys, and permit reports. For other species, the small game hunter questionnaire, trapper report of catch, and cougar pelt sealing also inform data. The <a href="2021 Game Status and Trend Report">2021 Game Status and Trend Report</a> and game harvest reports are available on the WDFW website.

**West District 16** – The Clearwater (GMU 615), Dickey (GMU 602), Goodman (GMU 612), and Sol Duc (GMU 607) have the highest elk harvest in District 16. These units contain large areas of public land, much of it without restricted access. Be aware that all of these GMUs include gated roads, some of which allow hunter access and others that are closed to public access.

The Hoko (GMU 601), Pysht (GMU 603), and Coyle (GMU 624) have very limited opportunities for general season hunters. Most of these units contain private land and many of the roads on timberlands are gated. Elk groups in GMU 603 (Pysht) have increased slightly in the recent years.

A thesis on elk with research conducted in the Hoko (GMU 601) and Dickey (GMU 602) is available at this link: Movements and Habitat Use of Female Roosevelt Elk in Relation to Human Disturbance on the Hoko and Dickey Game Management Units, Washington.

**East District 16** – The Olympic GMU 621 is limited to state permit elk and tribal elk harvest. WDFW doesn't recommend GMU 624 (Coyle) as an elk hunting destination because it features limited opportunities. The season remains open for 3-point minimum. The elk population and associated hunting opportunities may increase in GMU 624 but are most likely outside of District 16.

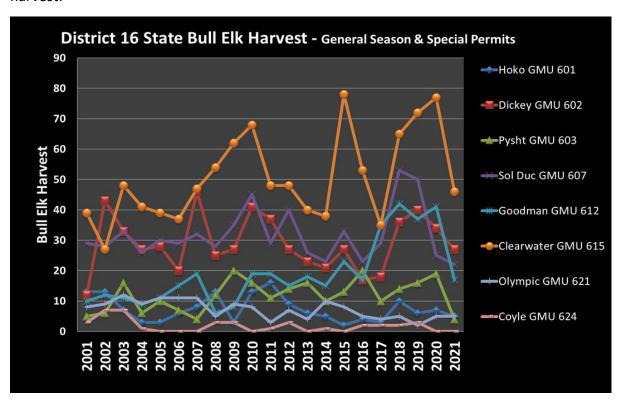
WDFW establishes hunting seasons not only to allow recreational use, but also to manage elk populations' habitat use patterns within the district. The Department designed Elk Area 6071 within GMU 621 and 624, to specifically address challenges with the Dungeness/Sequim elk herd. Harvest within Elk Area 6071 is limited to damage control, occasionally involving Master Hunter elk hunts from the Region 6 permit list. Reference District 15 <a href="Hunting Prospects">Hunting Prospects</a> for more information on elk harvest within GMU 621 and GMU 624.

#### DISTRICT 16 ELK HUNTING AND HARVEST RECORDS

Hunters can reference <u>annual harvest reports</u> on the WDFW website. The reports represent harvest, hunting effort, and success, which mandatory hunter reports and follow-up surveys help to inform for a correction factor of non-response bias.

#### **Bull Elk Harvest**

The distribution of Olympic Peninsula elk harvest reflects the general elk abundance, with most harvest occurring in the western GMUs. The west end elk are well distributed, with herds scattered throughout the GMUs. The east Olympic Peninsula elk herds are not as well distributed, with herds having distinct use patterns within watersheds. Hunting the east Olympic Peninsula elk takes more deliberate planning to find the herds and make the most of elk harvest opportunities. The entire GMU 621- Olympic is permit only for state hunter elk harvest.



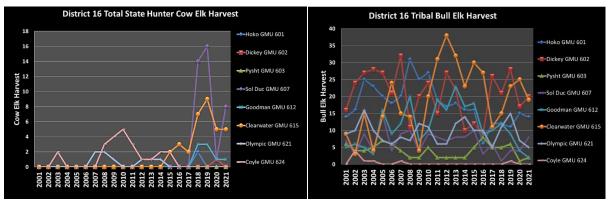


Figure 2. District 16 State Bull and Cow Elk Harvest and Tribal Bull harvest.

The bull elk harvest within the western GMUs (GMUs 602, 607, 612 and 615) consistently contributes the highest bull harvest levels, while the northwestern to eastern GMUs (GMUs 601, 603, 621, 624,) consistently have low bull harvest levels, rarely reaching a GMU harvest of

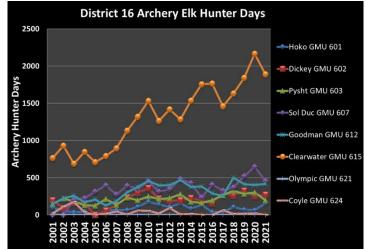
20 bull elk annually (Figure 2).

# **Archery Elk Hunting**

Archery elk hunting in District 16 predominately occurs in GMU 615 (Figure 3). GMU 602, GMU 603, and GMU 612 have much fewer archery hunter days, ranging between 200 and 400 days annually. GMU 601, GMU 621, and GMU 624 had the lowest level of archery hunter days at less than 200 days annually.

# **Muzzleloader Elk Hunting**

Muzzleloader elk hunting was concentrated in GMU 602 and 607 for many years (Figure 4). This changed in 2015 when muzzleloader elk hunting opened in GMU 615 and GMU 612. As the total days spent in GMU 612 and 615 continue to increase the overall trend in muzzleloader elk hunter days also increases. GMU 615 has the bulk of those days.



rchery elk hunter days by GMU District 16 Muzzleloader Elk Hunter Days 1600 -Hoko GMU 601 1400 -Dickey GMU 602 Day: Pvsht GMU 603 1000 -Sol Duc GMU 607 800 Goodman GMU 612 600 Clearwater GMU 615 400 →Olympic GMU 621 200 -Coyle GMU 624

Figure 4. Muzzleloader elk hunter days by GMU.

#### **Modern Firearm Elk Hunting**

Total modern firearm elk hunter days decreased since 2014. GMU 615 modern firearm hunting pressure dropped in half from a 2014 high to a 2017 low. Simultaneously there was a noteworthy 600-day increase in muzzleloader hunting and a 200-day increase in archery hunting. The total number of state hunter days remains constant, shifting pressure from modern firearm to archery and muzzleloader.

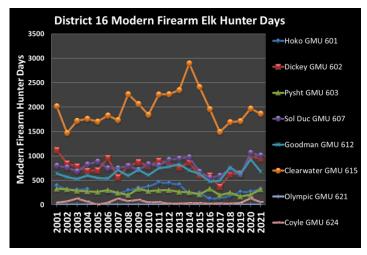
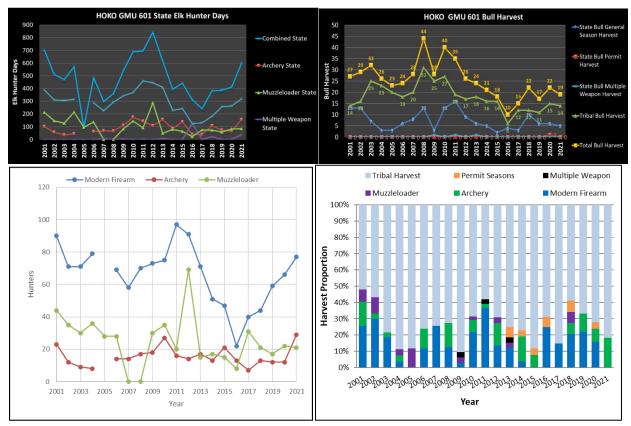


Figure 5. District 16 modern firearm elk hunter days.

# **GMU 601 (Hoko) Elk Hunting**

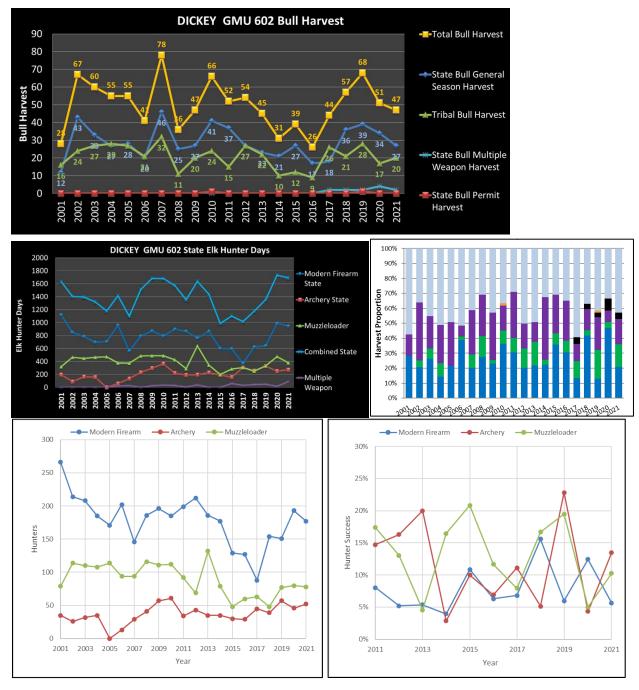
Since 2011, Hoko bull elk harvest has remained below 30, which is typical for this GMU (Figure 6). Overall state hunter participation in GMU 601 has increased since the 2017 season to 600 days annually and consisted of primarily modern firearm hunters.



**Figure 6.** Hoko GMU 601 State elk hunter days and elk hunter numbers, bull elk harvest and all elk harvest proportion.

# **GMU 602 (Dickey) Elk Hunting**

The Dickey GMU's total bull harvest decreased since 2019 from 68 to 47. State hunter days (combined) increased from 1000 in 2017 to 1700 in 2020 and 2021 (Figure 7). The hunter success in 2021 for muzzleloader and archery ranges between 10 and 14% and dropped to close to 5% for modern firearm.



**Figure 7.** Dickey GMU 602 Bull Elk harvest, State Elk Hunter Day Trends, Harvest Proportion, State Hunter Numbers and State Hunter Success.

#### **GMU 603 (Pysht) Elk Hunting**

Elk abundance in GMU 603 has increased for the last three decades. During the 1990s, it was uncommon to observe elk in GMU 603. Even during helicopter searches, WDFW observed few elk. The lack of detectability can be due to various reasons. There has been interest in better understanding the elk population in this GMU. The Lower Elwha Tribe staff members have conducted elk monitoring studies during the last 10 years. As the elk population continues to increase, hunting opportunities are expanding, with the harvest trend increasing since 2001 until 2021 when it dropped to six bulls. Most of the elk population increase occurs within the western portion, on Merrill and Ring Pysht Tree Farm and other private forestlands. There are also some herds within the Elwha Watershed, with occasional observations of elk use within the newly formed Elwha floodplains. The Joyce vicinity elk herds have increasing conflict situations arising.

Modern firearm hunters maintain a success rate of around 5 to 10 percent (Figure 8). Hunter pressure has remained relatively constant since 2001.

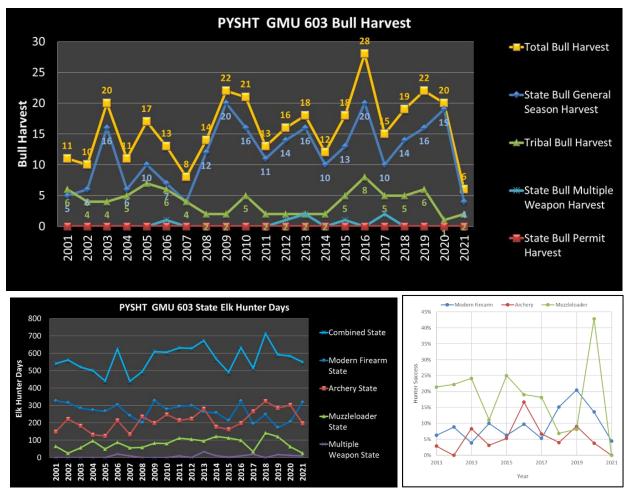
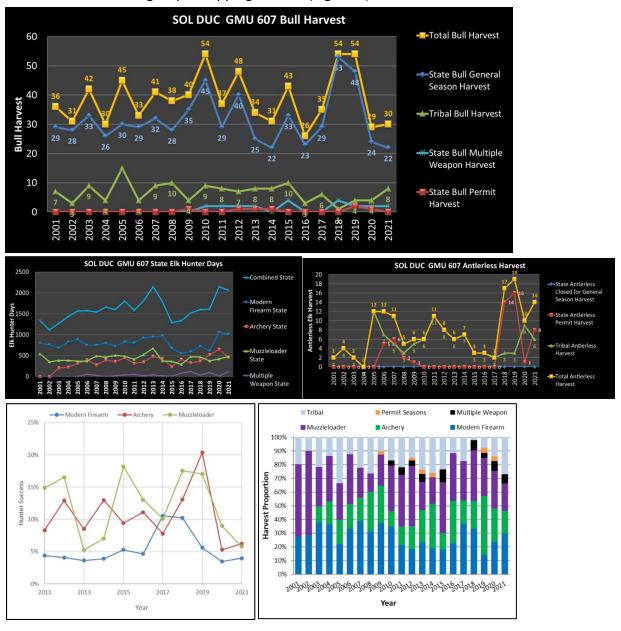


Figure 8. Pysht GMU 603 Bull Elk harvest, state elk hunter days, and success.

#### **GMU 607 (Sol Duc) Elk Hunting**

State hunters account for most of GMU 607's bull elk harvest with tribal harvest accounting for 25% in 2021 (Figure 9). State hunters take about 30 bulls annually and tribal hunters take about seven bulls annually. The state bull harvest topped at 53 in 2018 and 48 in 2019. In 2018, with a new antierless elk permit opportunity, state hunters harvested 14 elk in 2018 and 16 elk in 2019, dropping to 1 elk in 2020.

Hunter success in GMU 607 is usually around 5-20% for all participating state hunters with hunter success for all groups dropping in 2020 (Figure 9).

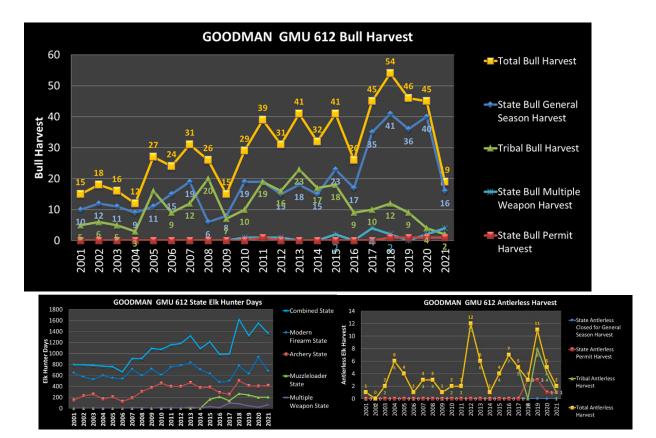


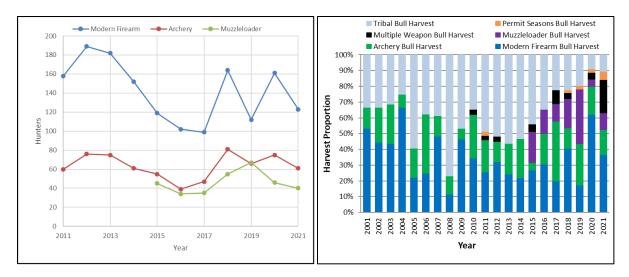
**Figure 9.** Sol Duc GMU 607 bull and antierless elk harvest, state elk hunter days, hunter success and proportion of harvest.

#### **GMU 612 (Goodman) Elk Hunting**

State bull harvest in Goodman has maintained harvest numbers between 35 and 41 since 2017, dropping to 16 in 2021 (Figure 10).

Total state hunter days in GMU 612 remains constant over the years. While days haven't dropped below 800 days since 2006, in recent years the total has increased to 1,300-1,600 range. In 2015, a new Muzzleloader season opened in GMU 612, resulting in a modest amount of muzzleloader hunter days (Figure 10). The muzzleloader hunter success has been over 10% until 2020 and 2021, when it dropped to 5. Modern firearm hunter success has been between 5-15% (Figure 11). Archery success has ranged between 5 and 15%most years, with a jump to 36% in 2017 and more recently 18% in 2019. In 2018, state hunters got a new antierless elk permit opportunity.





**Figure 10.** Goodman GMU 612 bull and antlerless harvest, state elk hunter days and number of hunters, and elk harvest proportion.

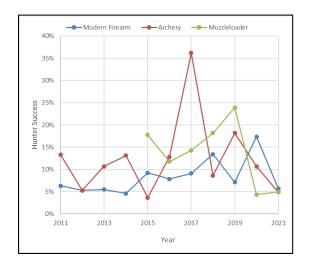


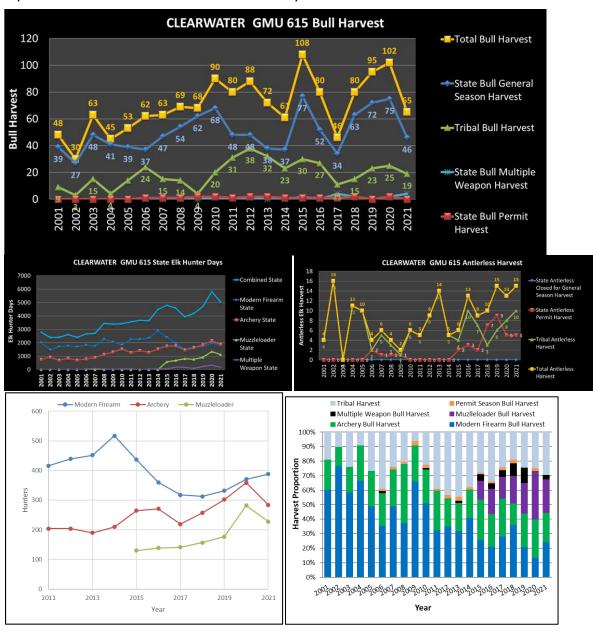
Figure 11. Goodman GMU 612 State Hunter Success.



#### **GMU 615 (Clearwater) Elk Hunting**

GMU 615 has had the most elk harvest of all GMUs in District 16 since 2003 (Figure 2). The total elk bull harvest trend has fluctuated considerably the last five years, with a low of 46 in 2017 and a high of 108 in 2016 (Figure 12). The Clearwater total bull harvest was on the lower end at 65 in 2021. State harvest dropped from 75 to 46 between 2020 and 2021.

Hunter success for GMU 615 falls within a narrow range for all state hunters, reliably between 4 and 12% (Figure 13). Muzzleloader season opened in 2015. The overall total number of hunter days has remained constant, a result of increased muzzleloader hunter days and an almost equal decrease of modern firearm hunter days.



**Figure 12.** Clearwater GMU 615 bull and antlerless harvest, State elk hunter days and number of hunters and proportion of harvest.

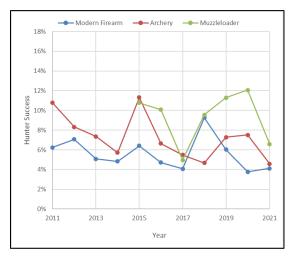


Figure 13. GMU 615 bull elk State hunter days and success.

# **GMU 621 (Olympic) Elk Hunting**

Olympic GMU 621 elk hunt opportunity is limited to permit hunts and an occasional damage hunt harvest. Permit hunts can be a great opportunity, if the weather and elk use patterns are favorable. Most of the hunting opportunity in Olympic GMU 621 is within District 15. Please review the Hunting Prospects for District 15. Harvest is generally between 10 and 20 bull elk (Figure 14).

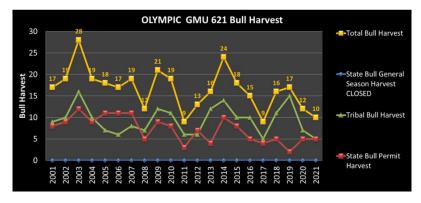


Figure 14. GMU 621 bull harvest from 2001 to 2021.

# **GMU 624 (Coyle) Elk Hunting**

GMU 624 is not a prime elk hunting GMU with extremely low harvest (Figure 15). Small groups of elk that may have split off from the Dungeness herd or other east Olympic Peninsula elk herds offer the main source of GMU 624 elk. Over the years, WDFW has received reports of

small groups of elk in various locations within GMU 624, mostly within District 15. Reference District 15 Hunting Prospects.

Much of the ownership in these areas is private, typically small farms. Securing permission for hunting in much of this area can be difficult. When the Legislature tasked WDFW to consider closing the GMU to elk hunting due to the lack of opportunity overall, WDFW decided to retain the hunting season, which can be a tool to resolve some damage control. If elk abundance increases in this GMU, elk harvest opportunity should increase as well.

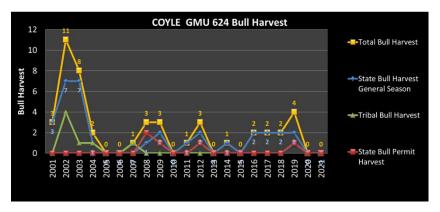


Figure 15. GMU 624 bull harvest from 2001 to 2021.

#### **NOTABLE HUNTING CHANGES AND NOTEWORTHY REGS**

WDFW has adopted night hunting and hound hunting regulations during deer and elk hunting seasons in recent years. Reference page 21 of Washington's Big Game Hunting Seasons and Regulations pamphlet.

Unmanned Aircraft: (WAC 220-413-070) "Using Aircraft" to include unstaffed aircraft. "It is illegal to: Hunt game animals, game birds, or migratory birds on the day one has operated an unmanned aircraft." Page 87 of the Big Game pamphlet.

Using Dogs: (WAC 220-413-060) Hunting wild animals (except rabbits and hares) with dogs (hounds) during the months of October or November during the dates established for modern firearm deer or elk general seasons in eastern and western Washington is prohibited. Page 87 of the Big Game pamphlet.

People with disabilities: Note new regulations referenced on page 92 of the Big Game pamphlet.

#### **ELK HOOF DISEASE (TREPONEME BACTERIA)**

Since 2008, WDFW has received dramatically increasing reports of elk with deformed, broken, or missing in southwest Washington, with sporadic observations in other areas west of the Cascade Range, including within the Olympic Elk Herd area. While elk are susceptible to many conditions that result in limping or hoof deformities, the prevalence and severity of this new affliction suggested something altogether different. WDFW diagnostic research (2009 – 2014), in conjunction with a panel of scientific advisors, found that these hoof abnormalities were strongly associated with treponeme bacteria, known to cause a hoof disease of cattle, sheep, and goats called digital dermatitis. Although digital dermatitis has affected the livestock industry for decades, Treponeme-Associated Hoof Disease (TAHD) is the first known instance of digital dermatitis in a wild ungulate. The disease is currently concentrated in southwestern Washington where prevalence is highest in Cowlitz, Wahkiakum, and western Lewis counties. The disease is also present at lower prevalence in elk herds that are distant and discrete from the core affected area, Including elk from the Olympic herd.

All of District 16 falls within the Olympic elk herd range. TAHD is most prevalent among elk on the southern end of the Olympic Peninsula, however recent detections on the northern end confirm the disease is spreading to other portions of the Olympic elk herd range. WDFW has confirmed the presence of TAHD from elk sampled in GMUs 603, 607, 621, 624, 636, 638, 648, and 651.

While many questions remain about the disease, several aspects of TAHD in elk are clear:

- **Vulnerability:** The disease appears to be highly infectious among elk, but there is no evidence that it affects humans. TAHD can affect any hoof in any elk, young or old, male, or female.
- **Hooves only:** Tests show the disease is limited to animals' hooves and does not affect their meat or organs. If the meat looks normal and if hunters harvest, process and cook it practicing good hygiene, it is probably safe to eat.
- **No treatment:** There is no vaccine to prevent the disease, nor are there any proven options for treating it in the field. Similar diseases in livestock are treated by cleaning and bandaging their hooves and giving them foot baths, but that is not a realistic option for free-ranging elk.

#### How hunters can help:

- Harvest a limping elk from any 400, 500, 600 series GMUs
- Turn in your elk hooves along with complete registration forms at one of several collection sites in western Washington

- Report elk: Hunters can help WDFW track TAHD by reporting observations of both affected and unaffected elk on the Department's online reporting form.
- Clean shoes and tires: Anyone who hikes or drives off-road in a known affected area can help minimize the risk of spreading the disease to new areas by removing all mud from their shoes and tires before leaving the area.

In 2021, WDFW implemented an incentive-based pilot program to encourage westside (400, 500, 600 series GMUs) hunters to harvest limping elk, potentially reducing prevalence of the disease over time. This program aims to increase the proportion of limping elk in the total harvest, rather than increase elk harvest overall. General season or permit hunters can choose to participate in the program by submitting elk hooves at one of the many collection sites in western Washington. Hunters that submit hooves with signs of TAHD (for example, abnormal hooves) will be automatically entered into a drawing for a special incentive permit for the following license year. Multiple bull permits in western Washington with season dates of Sept. 1 – Dec. 31 will be awarded. Additionally, participants will receive a custom, waterproof license holder.

WDFW is working with scientists, veterinarians, outdoor organizations, tribal governments, and others to better understand and manage TAHD. For more information about TAHD, reference WDFW's Elk hoof disease in Washington state webpage. Additional information on TAHD and this incentive program can also be found on page 65 of the Big Game Hunting Pamphlet.

#### **DEER**

#### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

WDFW monitors black-tailed deer populations by tracking the harvest and hunting effort and gathering data on survivability, recruitment, and mortality rates using collared deer studies and aerial census methods.

According to Dr. Cliff Rice, a lead researcher for western Washington black-tailed deer studies, some of the largest does captured in western Washington were captured west of the Dungeness on the lower foothills in a mix of DNR and private land.



#### WHICH GMU SHOULD DEER HUNTERS HUNT?

#### **Western District 16**

Western District 16 is generally sparse of deer. This area includes GMUs 601 (Hoko), 602 (Dickey), 603 (Pysht), 607 (Sol Duc), 612 (Goodman), and 615 (Clearwater). Observations and published reports indicate that deer population numbers and density are generally low throughout the district west of the Elwha River. West Olympic Peninsula tribes dropped antlerless harvest in the western GMUs in 2010. Following are links to some deer research in the Hoko GMU:

- Factors affecting the survival of black-tailed deer fawns
- Abstract of a study on the influence of hair loss syndrome (HLS) on black-tailed deer fawn survival

# **Eastern District 16**

Eastern District 16 includes the northwestern portion of GMU 621 (Olympic) and the northern

portion of GMU 624 (Coyle), which extend east and south into District 15 (eastern Jefferson County). Because WDFW records the data on harvest by GMU, the harvest figures presented here include all GMU 621 and 624, extending into District 15. The portion of District 16 east of the Elwha River has black-tailed deer populations that are readily observed (presumably due to higher densities) and in many areas can often be observed in groups, especially in the vicinity of farmland. In these areas, the deer are often considered to be a nuisance by property owners and agricultural operations, especially in GMU 624. Reference the <a href="Deer Areas">Deer Areas</a> section on Page 24 for more information about Deer Area 6020.

GMU 624 does have firearm restrictions, with no centerfire or rimfire rifles allowed. Read more about that in the <u>Firearm Restrictions</u> section on Page 50.

The mid and lower elevations of GMU 621 have high densities of deer as well, with some scattered blocks of DNR ownership that offer hunting on public land. Private industrial timberlands and DNR-managed lands are largely gated due to timber theft, dumping, vandalism, and other problems. However, hunters can access many of these roads on foot or with mountain bikes. Be sure to check with the appropriate landowner/manager and obey all posted rules and regulations.

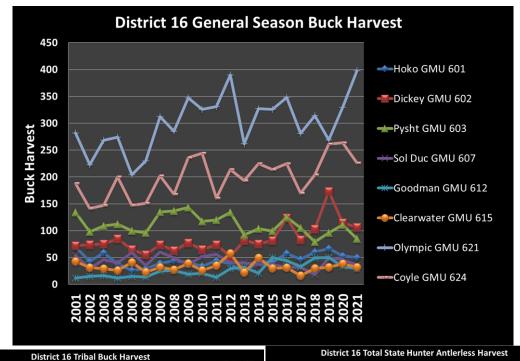
The key to a successful harvest is securing the appropriate permission to hunt on private land and scouting the area prior to the hunting season. Hunters who intend to target deer in developed areas would be well advised to check with local jurisdictions regarding firearm restrictions.

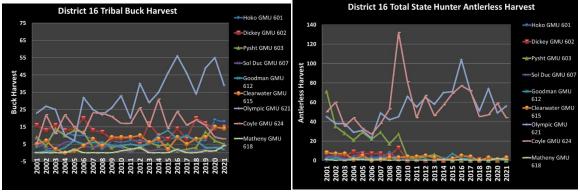
#### DISTRICT 16 BLACK-TAILED DEER HUNTING AND HARVEST RECORDS

<u>Annual harvest reports</u> and harvest statistics for deer based on hunter reporting can be found on the WDFW website.

Reference the <u>District 15 Hunting Prospects</u> for more information on GMU 621 and GMU 624.

Buck harvest within District 16 GMUs is highest on the eastern half and lower as one goes further west. The four GMUs with the lowest buck harvest are Clearwater, Goodman, Pysht, and Hoko, the most western GMUs in the District (Figure 16). Tribal harvest ranges within 5-20% of the total deer harvest in District 16 GMUs.





Total 2021 Bucl	k Harvest by GMU
200+ bucks	Olympic GMU 621
	Coyle GMU 624
100-200 bucks	Dickey GMU 602
< 100 bucks	Hoko GMU 601
	Pysht GMU 603
	Sol Duc GMU 607
	Goodman GMU 612
	Clearwater GMU 615

Figure 16. District 16 buck harvest total, general season harvests and tribal harvests.

#### **Archery Deer Hunting**

Archery deer hunting in District 16 is concentrated in GMU 621 and GMU 624 (GMUs 621 and 624 are in both District 15 and 16).

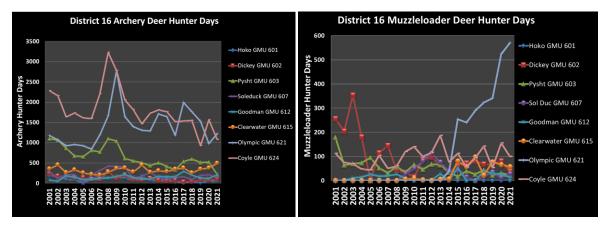


Figure 17. District 16 archery and muzzleloader hunter days.

# **Muzzleloader Deer Hunting**

Muzzleloader deer hunting has recently increased in GMU 621, while all the other GMUs in District 16 reportedly receive less than 200 hunter days annually (Figure 17). Other GMUs remain consistent with the amount of muzzleloader hunter days.

# **Modern Firearm Deer Hunting**

Modern firearm hunters have maintained a steady participation level in the GMUs in District 16 (Figure 18).

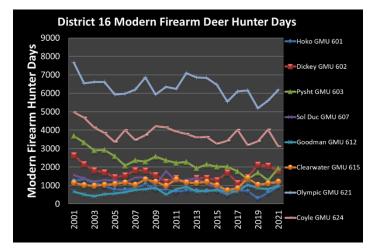


Figure 18. District 16 modern firearm deer hunter days.

#### **DEER AREAS**

WDFW established Deer Area 60 20 years ago to allow hunters to harvest does to help reduce deer conflicts near Highway 101 between Port Angeles and eastern Miller Peninsula, an area with a lot of deer. The Department allows doe harvest within Deer Area 6020 during general seasons. This area is primarily private land, but it is worth inquiring with landowners about hunting access. Note that much of the state land on Miller Peninsula is state park land where hunting is not allowed. Refer to the firearm restrictions section of the Big Game pamphlet if you are considering this area. The entirety of GMU 624 within District 16 (Clallam County) has firearm restriction regulations. No hunting is allowed with centerfire or rimfire rifles.

#### **NOTABLE HUNTING CHANGES**

WDFW has adopted night hunting and hound hunting restrictions as well as permits during deer and elk hunting seasons in recent years. Reference page 87 of Washington's Big Game Hunting Seasons and Regulations pamphlet.

Unstaffed aircraft: Wording has been added to WAC 220-413-070 "Using Aircraft" to include unstaffed aircraft. Reference page 87 of the Big Game pamphlet.

People with disabilities: Note new regulations referenced on page 92 of the Big Game pamphlet.



Deer observed walking along a beach grassland

#### **BEAR**



# GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

WDFW's black bear management goals are to:

- 1. Preserve, protect, perpetuate, and manage black bear and their habitats to ensure healthy, productive populations;
- 2. Minimize threats to public safety from black bears, while at the same time maintaining a sustainable and viable bear population;
- 3. Manage black bear for a variety of recreational, educational, and aesthetic purposes, including hunting, scientific study, cultural and ceremonial uses by tribal members, wildlife viewing, and photography; and
- 4. Manage populations statewide for a sustained yield. For management purposes, the state is divided into nine Black Bear Management Units (BBMUs). Harvest levels vary between BBMU depending on local population dynamics and environmental conditions.

District 16 is located nearly entirely within the designated Coastal Black Bear Management Unit (BBMU) except for GMU 624, which is in the Puget Sound BBMU. This area is mostly private land with firearm restrictions. Fall black bear hunting is allowed in all GMUs within the district. The current black bear hunting season guidelines for both the Coastal BBMU and Puget

Sound BBMU are designed to maintain black bear populations at their current level. The fall black bear hunting season for all District 16 units is Aug. 1 to Nov. 15, 2022. Hunters can buy up to two bear tags during each license year.

Wildlife managers use three statistics to assess black bear harvest:

- Proportion of females harvested (no more than 35-39% of harvest)
- Median age of harvested females (range no younger than 5-6 years)
- Median age of harvested males (range no younger than 2-4 years)

WDFW does not conduct annual surveys to monitor trends in black bear population size and instead uses harvest data trends for population estimates or indices. Wildlife managers believe that black bear populations are stable in District 16. Black bears occur throughout District 16, but population densities vary among GMUs.

In 2013, the Department began work to estimate black bear density statewide. This research originated in the North Cascade Mountains using two detection methods, non-invasive DNA collection using barbed-wire hair collection and physical capture and deployment of global positioning system (GPS) collars. Results showed that while density varied by human development and habitat productivity, it averaged 20 bears/100 km2 in western Cascades and 19 bears/100 km2 in eastern Cascades (Welfelt et al. 2019). In the western Washington study area, average total density estimates (including cubs) were nearly 50% lower than expected prior to this research (20 vs 39/100 km2). Because these results showed that density could vary widely by habitat types within limited areas, WDFW determined that density should not be extrapolated to a statewide or even region-wide black bear density given the variability of habitats. Thus, the Department needs more data to evaluate which habitat and management factors are associated with variations in bear density at a broad scale. A non-invasive DNA collection project has been conducted in various GMUs within the state. Biologists conducted this hair collection effort within the Clearwater GMU during June and July of this season. Over 1000 hair samples were collected from bear and other wildlife species. The agency will be able to determine the density of bears/100km2 for this managed forest land. With multiple density estimates in a variety of habitats, WDFW can examine what habitat and human factors are associated black bear density across Washington State and estimate statewide population abundance more accurately. Continued sampling will also allow for appropriate inferences to be made regarding harvest levels and the effects of management actions.

#### WHAT TO EXPECT DURING THE 2022 SEASON

The prospects for harvesting a black bear in District 16 remain good to excellent. Although some hunters specifically target black bears, hunters harvest most bears opportunistically during general deer and elk seasons. Consequently, annual harvest and hunter success can vary quite a bit from one year to the next. The variability in the district is likely higher for hunters who specifically hunt black bears versus those who buy a bear tag just in case they see one while deer or elk hunting. During the 2021 season, hunters harvested 67 bears within District 16

GMUs. Hunters harvested an additional 20 bears in GMU 621 and 3 bears in GMU 624, both of which include a portion of District 15. Hunter success during the 2021 season ranged from 4% in both GMU 607 (Sol Duc) and GMU 612 (Goodman) to 15% in GMU 601 (Hoko). There was a significant decrease in the number of bears harvested in GMU 602 (Dickey) and GMU 621 (Olympic) last season. However, these two GMUs still had the highest black bear harvest in the district. During the 2021 fall hunt a total of 20 bears were harvested in GMU 602 (Dickey). A total of 23 bears were harvested in GMU 621 (Olympic) but a major portion of this GMU is in District 15. The harvest in GMU 615 (Clearwater) remained at a consistent level with 19 bears being successfully harvested. There was a significant increase in the number of bears harvested in GMU 601 (Hoko) last season. Hunters can reference summaries of statewide and GMU harvest reports in two tables (Table 3 and Table 4). The harvested report table also represents the percentage of male and female black bear harvest.

Table 3. Black bear 2021 harvest and hunter effort for District 16 GMUs.

	idek bedi 2021 ildi vest dila i					
		WAS	HINGTON			
	STA	TEWIDE BLACK B	EAR HARVEST S	TATISTICS		
		FOR THE 2021	HUNTING SEAS	ON		
	Bear Management	Total	Number	Hunter Success	Hunter	
BMU	Unit Name	Harvest	Hunters	Rate	Days	Days/Kill
1	Coastal	267	3,807	7%	35,935	135
2	Puget Sound	116	1,763	7%	16,608	143

**Table 4.** Black bear 2021 harvest reports for District 16 GMUs.

GMU	Fall Male Harvest	Fall Female Harvest	Total Harvest	Number Hunters	Hunter Success	Hunter Days	Days/Kills
BMU 1 <del>COASTAL</del>							
601 - HOKO	8	3	11	74	15%	546	50
602 - DICKEY	12	8	20	168	12%	972	49
603 - PYSHT	2	4	6	98	6%	819	137
607 - SOL DUC	4	0	4	105	4%	700	175
612 - GOODMAN	4	0	4	97	4%	824	206
615 - CLEARWATER	14	5	19	274	7%	1,940	102
618 - MATHENY	0	3	3	64	5%	409	136
621 - OLYMPIC	20	31	23	322	7%	2,290	100

BMU 2 PUGET SOUND							
624 - COYLE	3	0	3	126	2%	868	289

#### **HOW TO LOCATE AND HARVEST A BLACK BEAR**

State DNR and federal (USFS) lands continue to provide the best opportunities for bear hunting within the district. WDFW encourages hunters to scout for signs of bears (scat and tree bark peeling) in regenerating timber stands. Access behind gated roads is largely available to those willing to walk or mountain bike, and there are ample numbers of timber harvests/younger age class regeneration units that will attract bears. At higher elevations, those willing to hike in and pack out can pursue bears in classic environments where spot-and-stalk opportunities await. The USFS website has forest health maps that identify areas where bear damage has been detected from aerial surveys. Hunters can find the aerial forest health detection maps on the USFS website.



Scouting is an extremely important factor that hunters should consider when specifically hunting for black bears in District 16. Although black bears are common and occur in some areas at high densities, they are seen infrequently because of the thick vegetation that dominates the Olympic Peninsula landscape. Black bears can occur in a variety of habitat types, so it can be difficult to narrow down where to search for them. In the early fall, hunters should focus their efforts at higher elevations and in open terrain (hillsides, etc.) and timber harvest areas. Huckleberries ripen throughout the summer, but in the early fall the

most remaining berries are typically at higher elevations. A good berry patch yielding much fruit would be a good place to hunt. Bears can also look in recent timber harvests that contain many berry-producing shrubs, including huckleberries, serviceberries, snowberries, blackberries, salmonberries, thimbleberries, and salal berries. During the fall, hunters need to find openings with these characteristics and hike through them to see if there is any bear sign. If they do find fresh sign, odds are there is a bear frequenting the area. If hunters are patient and sit for extended periods of time watching these areas, they stand a reasonable chance of harvesting a bear. Since the Olympic Peninsula experienced a very cool spring and late summer, it can be expected that bears may move into berry foraging areas later than usual this season.



#### **IMPORTANT CONSIDERATIONS**

WDFW strongly urges bear hunters not to shoot sows with cubs. Some cubs that accompany their mother's may tend to lag behind and may not be obvious to hunters. Bear cubs may also be present in trees or well-hidden in dense vegetation in the vicinity. Please observe and be patient before shooting. In past hunting seasons, WDFW received several reports of orphaned cubs in Region 6. Some of these cubs were captured and taken to rehabilitation facilities. The use of hounds and/or bait to hunt black bear is prohibited statewide (RCW 77.15.245).

#### **MANDATORY SUBMISSION OF TEETH**

It is mandatory (per <u>WAC 220-415-090</u>) that hunters who harvest a bear submit a premolar tooth with a tooth envelope, available at WDFW offices. The premolar tooth is located behind the canine tooth (toward the throat) of the upper jaw.

# **COUGAR**



GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

Cougars occur throughout District 16, but local densities can vary among GMUs. WDFW manages cougars in District 16 to maintain a stable cougar population. The statewide goals for cougar are:

- 1. Preserve, protect, perpetuate, and manage cougar and their habitats to ensure healthy, productive populations.
- 2. Minimize human/cougar conflict.
- 3. Manage cougar for a variety of recreational, educational, and aesthetic purposes including hunting, scientific study, cultural and ceremonial uses by tribal members, wildlife viewing, and photography.
- 4. Manage statewide cougar populations for a sustained yield.
- 5. Improve WDFW's understanding of predator-prey relationships.

Since the 2012 – 2013 hunting season, WDFW changed cougar harvest management throughout Washington. The biggest change was shifting away from using season length or permit seasons to manage the number of cougars harvested, and instead using a standard liberal season coupled with harvest guidelines. The intent was to have a longer season, without any hunting implement restrictions, and only close cougar seasons in specific areas if harvest

reached or exceeded a harvest guideline. WDFW administers this hunt structure within 50 population management units (PMU's). District 16 includes PMU 42, 43, and 45.

To accomplish harvest goals, WDFW established an early and a late general season for defined hunt areas. The early season is Sept. 1 – Dec. 31 and no harvest limits apply even if harvest exceeds the guideline. Beginning in the 2015 hunting season and then continuing in 2021, WDFW extended cougar season dates through April 30. In this late season, (Jan. 1 – April 30), harvest guidelines apply for hunter-harvested cougars only. However, to hunt cougars after March 31 in a unit open for cougar harvest, hunters need to buy a new hunting license and cougar tag. WDFW examines harvest numbers starting Jan. 1. If the guideline is met or exceeded, the PMU may not open for the late season. Cougar harvest is monitored during the late season and managers close any hunt areas that meet or exceed the harvest guideline. Over the past 5 years, an average of 66% of the PMUs remained open to hunters through April 30. Closures occur on the PMU level, resulting in less impact to hunter opportunity. WDFW advises anyone planning to hunt cougar after Jan. 1 to confirm the cougar season is open in the desired hunting area.

Hunters can call 1-866-364-4868 to determine if a specific hunt area is open after December 31. For more information related to the harvest guidelines management approach, please visit the Cougar hunting area openings and closures page on the WDFW website. The agency recently formed an internal group to assess the results of implementing the cougar harvest hunting structure. Table 5 provides the harvest guidelines for each District 16 hunt area for 2022 – 2023. This table also provides the cougar harvest for the 2021 – 2022 season for state hunters.

	Harvest Guideline	
Hunt Area	2022-2023	2021-2022 Harvest
PMU 42 - 601, 602, 603, 612	4-6	3
PMU 43 - 607, 615	3-4	2
PMU 45 - 621, 624, 627, 633	None	4

Table 5. Cougar Harvest Guidelines for 2022-2023 and State Hunter Reported Harvest for 2021-2022.

#### WHAT TO EXPECT DURING THE 2022 - 2023 SEASON

Most cougar harvest within the district comes from opportunistic encounters while hunters are pursuing deer, elk, or other activities. The total cougar harvest in District 16 can vary from year to year. Table 6 presents total cougar hunting and other mortality while Table 7 presents status and trend report information as well as harvest totals and mean averages for the past three seasons (2017 – 2020). Hunters harvested nine cougars within the district during the general cougar hunt last season. During the general hunt, hunters harvested three cougars in PMU 42,

two cougars in PMU 43, and four cougars in PMU 45, which includes a portion of District 15. These totals don't include tribal harvest and other mortality. Reference the Washington Big Game Hunting Seasons and Regulations for more information regarding cougar hunting in specific GMUs within the district. Cougars are widespread in the forest lands of District 16. Areas supporting high numbers of deer and elk provide great opportunity for hunting cougar. GMU 621 consistently has the highest cougar harvest in the district. The other GMUs' cougar harvest numbers fluctuate each year. With the yearly variation, it is hard to predict future harvest, but cougar sightings in the district continue to be somewhat common and there is no reason to suspect much change in the harvest. Under the continuing harvest management guidelines, the two district hunt areas, PMU 42 and PMU 43, had not met their harvest guideline in the past nine seasons. However, during the 2020-2021 late season cougar hunt in PMU 43 the harvest guideline of four cougars was met and the unit was closed to further cougar hunting on Feb. 26, 2021. This highlights that hunters should monitor closures and plan accordingly. One hunter that WDFW's assistant district biologist contacted to seal his cougar was not aware that there was a harvest guideline for the area where he had harvested his cougar.

**Table 6.** Total cougar harvest 2021 – 2022 for PMUs within District 16 (and a portion of District 15) by state hunters and other mortality. The harvest of male and female cougars is represented. Tribal hunting not included.

MU 4	12 – (GN	ИU 601, 6	5 <b>02</b> , 6	03, an	d 612)	)			
	GENERA	GENERAL HUNTING				OTHER I	MORTALITY	COMBINED	
Male	Female	Unknown	Total		Male	Female	Unknown	Total	Total
2	1	0	3		1	0	0	1	4

PMU 43 – (GMU 607 and 615)	)	
GENERAL HUNTING	OTHER MORTALITY	COMBINED
Male Female Unknown Total	Male Female Unknown Tota	l Total
1 1 0 2	0 0 0 0	2

PMU 45 – (GMU 621, 624, 627, and 633)										
	GENERAL HUNTING				OTHER MORTALITY				COMBINED	
Male	Female	Unknown	Total		Male	Female	Unknown	Total	Total	
1	3	0	4		3	1	0	4	8	

Table 7. Cougar harvest in District 16 (and portion of District 15) for 2019-20, 2020-21, and 2021-22.

# **Cougar Status and Trend Report**

	2019 - 2020 HARVEST	2020 - 2021 HARVEST	2021 – 2022 HARVEST	3-Year Mean Harvest
	IIAITAESI	IIANVLJI	IIAIVESI	ivicali fiai vest
GMUs 601, 602, 603, 612	1	1	3	1.66
GMUs 607, 615	1	4	2	2.33
GMUs 621, 624, 627, 633	3	6	4	4.33
Total	5	11	9	

<sup>\*</sup> Tribal harvest or other sources of mortality not included.





Hunters harvest most of the cougars that the assistant district biologist seals each season while out deer or elk hunting. However, during the 2019-2020 season, several hunters were successful when specifically targeting cougars after snow events. One father and son hunting team was fortunate to harvest adult male cougars a few weeks apart in two different locations within GMU 615. Enforcement officers in the district report low cougar hunting pressure in most GMUs in previous years. Several cougars were removed by WDFW staff members in District 16 last season due to depredation concerns with livestock and domestic animals.

Conflict issues were higher in GMU 624 (Coyle) and GMU 603 (Pysht) than other management areas within the district.

## **IMPORTANT CONSIDERATIONS**

It is unlawful to kill or possess spotted cougar kittens (usually less than 80 pounds) or adult cougars accompanied by spotted kittens. WDFW strongly encourages cougar hunters to search for possible multiple tracks when pursuing an animal. Female cougars may have kittens in trees or in dense vegetation nearby. Please be very observant and patient before shooting. During the 2015 – 2016 season, WDFW enforcement officers and biologists had to capture two orphaned cougar kittens near Joyce. One kitten later died, and the other kitten will remain in captivity at a zoo. Cougar hunters must follow mandatory reporting and sealing requirements. Voter initiative 655 banned the use of hounds to hunt cougars in the state. Hunting with the aid of dogs is prohibited statewide except during cougar management removals authorized by the Fish and Wildlife Commission and for research purposes.





#### **NOTABLE CHANGES**

The Cougar Harvest for Guideline for GMUs 601, 602, 603, and 612 was changed two years ago will remain at four to six. The Cougar Harvest Guideline for GMUs 607 and 615 was also changed from four to a range of three to four and this harvest guideline is still in effect. Subadult cougars no longer count towards the cougar harvest guideline. A valid 2023-24 cougar license and tag is required to hunt cougar in April 2023.

### MANDATORY REPORTING/SEALING

Successful cougar hunters must report their cougar harvest to the cougar hotline at: 1-866-364-4868 within 72 hours of harvest and have the cougar pelt sealed within five days of notification. This is the same hotline hunters can use to check if cougar hunt areas are open or closed. A premolar tooth and tissue sample will be taken. Reference the <a href="Washington Big Game">Washington Big Game</a> Hunting Seasons and Rules or page 69 in the Washington Big Game Hunting pamphlet for more specific details about cougar sealing requirements.





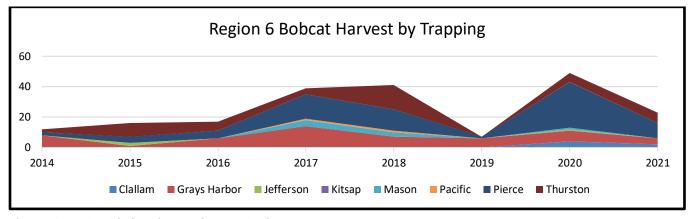
### **COUGAR OUTREACH AND EDUCATION**

WDFW is committed to minimizing human-wildlife conflict. With the increase of the human population in Washington, there are more recreationists in cougar habitat, an increase in small livestock farms near residences, along with intentional and unintentional feeding of wildlife around homes. It is essential to raise public awareness and keep both people and cougars safe. A young male cougar killed a mountain biker near North Bend in the spring of 2018. This type of incident is extremely rare and was only the second known human fatality from a cougar in Washington State. Many people in Washington know little about cougar behavior and are not aware of what steps are necessary to avoid negative encounters. Please reference WDFW's cougar page to learn more about cougar/human interactions or contact a WDFW Regional Office for a copy of the 2018 "Discover Washington's Cougars" brochure.

# SMALL GAME: Bobcat, Raccoon, Coyote, Rabbit

BOBCATS are plentiful in the wooded lands across District 16 and many hunters successfully harvest bobcat each season. Bobcat may be hunted statewide with no bag limit from Sept. 1-March 15. A small game license is required to harvest a bobcat. Bobcats are exempt from hunting hour restrictions except it is unlawful to hunt bobcat at night during modern firearm deer or elk general seasons that occur in October and November in both eastern and western Washington. Hunting or pursuing bobcat with dogs is prohibited in Washington. Successful bobcat hunters or trappers must contact a WDFW office to have the bobcat pelt sealed and submit the associated harvest report to the WDFW by April 20 of each year. The bobcat hide must not be frozen so a seal may be attached. No one may possess an open WDFW bobcat seal unless it has been cut by a licensed taxidermist or fur dealer who has received and invoiced the pelt for processing.

Bobcat harvest through trapping in Region 6, which includes District 16, had been trending upwards since 2014 until the Covid 2019 pandemic resulted in trappers either not trapping or not having access to public and private properties. The harvest then peaked in 2020, possibly reflecting trapper effort since Covid provided the public more recreation time but declined significantly in 2021. Generally, more bobcats are harvested through hunting in Region 6 than trapping. Both Clallam and Jefferson counties both provide great opportunity for harvesting bobcat. Prospects for hunting or trapping bobcat in 2022 and 2023 remain steady. Public and private forest remain the best locations for locating and harvesting bobcat.



**Figure 19.** Region 6 bobcat harvest by trapping by county.

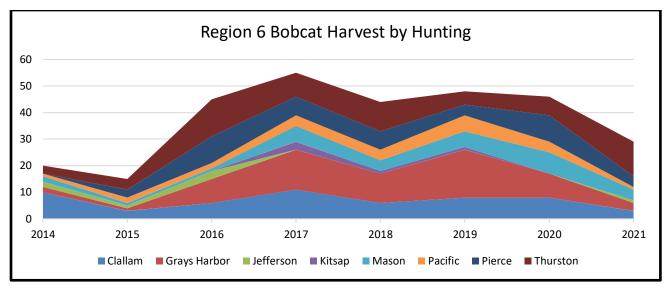
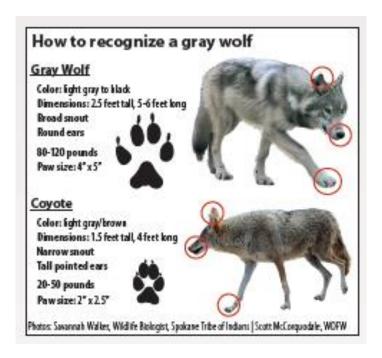


Figure 20. Region 6 bobcat harvest by hunting by county.

RACCOONS are also very plentiful across District 16, particularly around suburban neighborhoods where they eat garbage, fallen fruit, dogfood, artificial pond fish, and various other things. A lack of natural predators within these areas helps to perpetuate this. Raccoons are also found in the less developed forests of the western portions of the district. Raccoons can be hunted across District 16 with no bag limit from Sept. 1 – March 15 with a small game license. Hunters may use dogs to hunt raccoon and they may be hunted at night. **Special Note**: It is unlawful to hunt with dogs or at night during the months of October or November during the dates established for modern firearm deer and elk general seasons in eastern and western Washington.

**COYOTES** are another small game animal abundant across District 16, both in the urban and non-urban areas. They have also benefitted from a lack of large predators in the urban and suburban areas. Hunters may hunt coyotes without a bag limit year-round under a small game or big game hunting license. Hunters can also hunt coyotes may be hunted at night with lights year-round. **Special Note**: It is unlawful to hunt coyote at night during modern firearm deer or elk general seasons that occur in October and November in eastern and western Washington. The use of dogs to hunt coyote is prohibited. Wolves are back in Washington State and are protected under both federal and state law and MAY NOT be shot or killed. WDFW hasn't confirmed any wolf sightings in District 16. However, be sure of identification if you are hunting coyote or bobcat. Report all wolf observations here.



SNOWSHOE HARE and COTTONTAIL RABBIT: Most of the rabbits encountered on the Olympic Peninsula will be snowshoe hare (reference range maps below). Snowshoe hare are readily observed along forested roads in the western half of District 16, and will be found throughout the district, usually along forested edges. Annual district harvest of hares and rabbits is erratic, ranging from zero to over 300. The opportunity is always there, with a harvest per unit effort expected to range between 0.25-0.70 per day. During 2021, WDFW didn't receive any reports of snowshoe harvested in either Clallam or Jefferson counties. There was also zero harvest of cottontail rabbits in Clallam County last season for 12 hunters. Thirty-two hunters harvested 32 rabbits in Jefferson County. More information on the snowshoe hare and other rabbits can be found at the following links:

- naturemappingfoundation.org/natmap/maps/wa/mammals/WA snowshoe hare.html
- naturemappingfoundation.org/natmap/maps/wa/mammals/WA eastern cottontail.html
- naturemappingfoundation.org/natmap/maps/wa/mammals/WA\_european\_rabbit.html
- naturemappingfoundation.org/natmap/maps/wa/mammals/WA nuttalls cottontail.html
- www.hww.ca/en/wildlife/mammals/snowshoe-hare.html

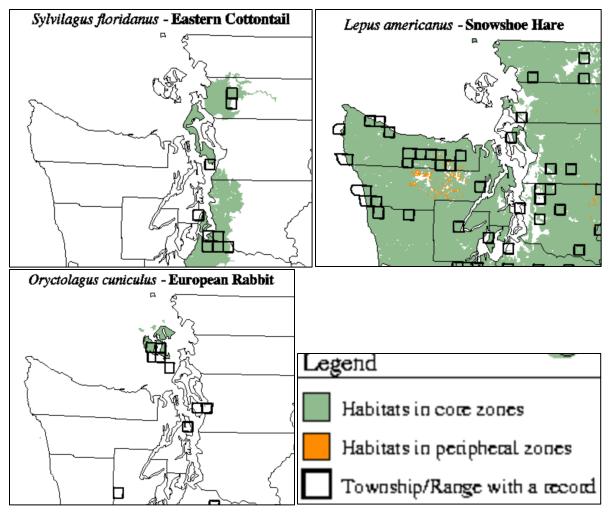


Figure 24. Range maps for snowshoe hare, eastern cottontail rabbit, and European rabbit.

# SMALL GAME: Beaver, Weasel, Marten, Mink, Muskrat, River Otter

**BEAVER, WEASELS, MINK, MUSKRAT, AND RIVER OTTER** are all plentiful across Region 6, including District 16. Martens less so. Long-tailed weasels occur in District 16 primarily on pasture, cropland, fields, and grasslands. River otter (*Lutra canadensis*) is plentiful in the freshwater lakes, streams, and wetlands across District 16 and are frequently observed along saltwater shorelines of the coast and Strait of Juan de Fuca. Sea otter (*Enhydra lutris*) are found along the outer coast and occasionally along the Strait of Juan de Fuca. This species is protected and cannot be trapped or hunted. Hunters may only harvest beaver, weasel, marten, muskrat, and river otter by trapping with a <u>trapping license</u> during the trapping season (Nov. 1 – Mar 31). **Successful river otter trappers must contact a WDFW office to have their otter pelt(s) sealed and submit the associated harvest report to the WDFW by April 20 of each year**. Pelts must be presented in a way that the hide can be sealed. No frozen hides or carcasses will be accepted

(see <u>Trapping Regulations</u>). Clallam and Jefferson counties within District 16 generally have some of the lower trap rates for river otter compared to other counties within Region 6.

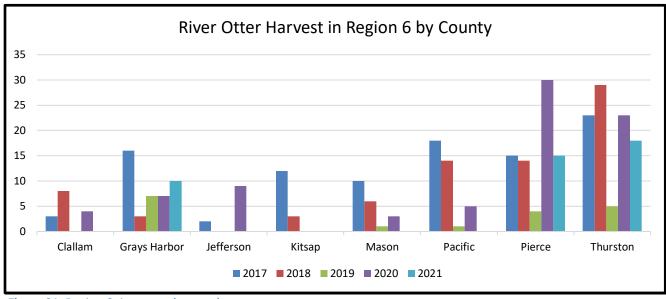


Figure 21. Region 6 river otter harvest by county.

**AMERICAN MARTEN** sightings are quite rare in District 16. Efforts are underway by the U.S. Forest Service and others to document and monitor fisher on the Olympic Peninsula. They are a very difficult species to find. Fisher may be misidentified as a marten; fishers are a protected species in Washington under both federal and state law and MAY NOT be trapped or killed. Be sure of identification if you are trapping marten. Report all fisher observations <u>online</u> or by emailing wildlife.data@dfw.wa.gov.

# Identification of Fisher and Marten in Washington

Fishers are protected under both federal and state law and may not be trapped or killed.

Be sure of identification if you are trapping marten or mink.

### Pelage Colors

Fisher — dark brown with lighter shading on head, back of the neck and back.

Marten — light brown to brown (cinnamon, russet), with creamy brown/ beige face and occasionally chest with darker brown legs, feet and end of tail.

#### Size

Fishers are bigger, darker and have noticeably longer and fuller tails than marten. Fishers tails average 14-15 inches in length and Martens tails average 6.5-7.5 inches in length.

#### Ear Shape

Fishers — rounded "teddy-bear" shaped ears

Martens - more pointed ears

#### Elevation

Fishers and martens overlap in elevation. Therefore, elevation should not be used as an indicator of species presence.





WDFW Staff

## Trapping Information

Use cubby boxes, with a closed front and 2.5 inch entrance hole, to avoid catching fishers.

Figure 22. Identification of fisher and marten.

## **DUCKS**

#### **COMMON SPECIES**

Many duck species of ducks are found in District 16. Common dabbling ducks include northern pintail, American wigeon, gadwall, mallard, green-wing teal, and northern shoveler. Species of divers, including bufflehead, scaup, ring-necked ducks, and common goldeneye, are also present on fresh and saltwater. Nesting wood ducks can be located throughout the district early in the season and can provide a unique hunting opportunity. Sea ducks, including scoters, Barrow's goldeneye, long-tailed ducks, canvasbacks, and harlequin ducks inhabit the Strait of Juan de Fuca, protected bays, and other saltwater areas.

Keep in mind that trumpeter swan numbers have increased in the Dungeness Valley in the past ten years, and they have been documented near the Dungeness River mouth. Surveyors counted 298 trumpeter swans, including 60 juveniles, in Clallam County in January 2022. WDFW encourages waterfowl hunters to know all identification features for trumpeter swans and snow geese. It is illegal to shoot trumpeter swans. Please reference the Northwest Swan Conservation website to help with swan identification.

#### **CONCENTRATION AREAS**

Much of the waterfowl hunting opportunity in District 16 is east of Port Angeles, centered in the Lower Dungeness Basin. The basin has a high density of wintering waterfowl and holds about 7% of the western Washington breeding waterfowl population, even amidst the ongoing development of open space habitats. Fortunately, a rich mix of farmland, wetlands, coastal habitats, and conserved open space retain the necessary food and cover for many wintering waterfowl. Concentrations of waterfowl in freshwater habitats diminish drastically west of the Elwha and Lyre rivers.

## **POPULATION STATUS**

Pacific Flyway waterfowl populations have remained strong for several years, allowing liberal seasons for many species (Figure 23). Wintering duck populations in Washington usually represent 10% or more of the total flyway population. Midwinter waterfowl survey counts in District 16 represent about 2% of all waterfowl counted in the state. Midwinter populations include resident and migratory populations. The following link provides a report by the U.S. Fish and Wildlife Service that details more information on the population status for the Pacific Flyway: Waterfowl Population Status, 2021 (fws.gov). This report summarizes the most recent information about the status of North American waterfowl populations and their habitats to facilitate the development of harvest regulations. The annual status of these populations is monitored and assessed through abundance and harvest surveys.

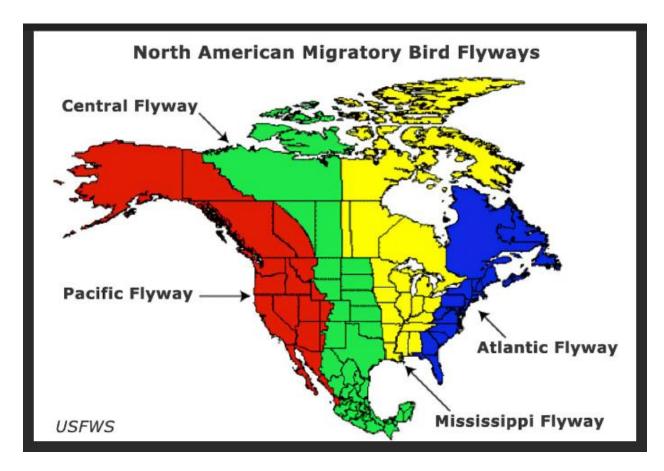


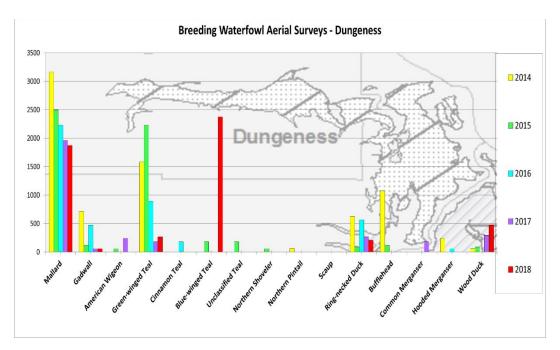
Figure 23. North American Migratory Bird Flyways.

In the past, district biologists focused on conducting mid-winter ground count surveys to document high waterfowl concentration areas in Clallam County. Breeding duck populations in western Washington were not monitored until 2010, when WDFW developed and began flying established transects in five select areas of western Washington. The Department conducts these surveys during April and early May. The survey includes the east and west areas of the Strait of Juan de Fuca. The Dungeness area, including the Dungeness National Wildlife Area, is surveyed as part of the East Strait of Juan de Fuca transect route. Surveys did not occur in 2020 and 2021 due to impacts of the coronavirus. In 2019, WDFW estimated the breeding population in the Dungeness area at 4,130 ducks, which was lower than the 6,841 estimated in 2018. Mallard numbers during the spring breeding flights remained the same, and American wigeon numbers decreased for the second year. In spring of 2022, the total duck breeding population estimate within the Dungeness was 4,278 ducks, which is slightly higher than the 2019 estimate. The four species with the highest numbers observed during the surveys were mallard (2139), green-winged teal (683), wood ducks (475), and bufflehead (416).

The Dungeness count has been 4-15% of the total breeding ducks in Western Washington from 2010 to 2016. The counts (by species) from 2014 – 2018 for the Dungeness area are provided in

Washington breeding waterfowl population monitoring can be found in the <u>2021 Washington State Game Status and Trend Report</u>. The greatest factor influencing brood production in the district continues to be loss of habitat to development and increasing human disturbance. Waterfowl numbers are expected to remain moderate in District 16. For more information, reference Let's Go Waterfowl Hunting.

Sea ducks have had restrictive bag limits due to concerns about low recruitment rates in sea ducks, increasing interest in sea duck hunting, and the unknown impact of reduced sea duck bag limits on compensatory species, particularly Barrow's goldeneyes led to the measure. The harvest survey indicates that for the 2021-2022 season hunters harvested 135 sea ducks in Clallam County and 138 sea ducks in Jefferson County. Primary harvest areas included Island, Mason, Skagit, Clallam, Pierce, and Whatcom counties. There has been a significant increase in the harvest of harlequin ducks for the past few seasons in Clallam and Jefferson County. Due to management concerns over the health of the population, the harlequin duck hunting is not allowed during the 2022-2023 season.



**Figure 24.** Breeding waterfowl survey counts - with background map showing Dungeness aerial transects, including nearby Elwha, Chimacum, and Quilcene habitats.

### **HARVEST TRENDS AND 2022 PROSPECTS**

The 2020-21 Washington duck harvest of 426,092 was a 20.9% increase compared to the 2019-20 harvest of 352,347, which was the lowest since the 2004-05 season. The duck harvest in Washington declined steadily from over 1 million in the late 1960s, to a low of 242,516 in 1993-94. However, duck harvest rates in Washington have stabilized over the past 10 years, averaging about 438,170 ducks annually. In 2021-2022, 425 hunters who spent 2,919 afield in Clallam County harvested 5,772 ducks. For Jefferson County, 244 hunters who spent 1,465 days afield harvested 4,593 ducks. District 16 hunters can expect similar hunting opportunities

during the 2022-23 season.

Restrictive bag limits for most sea ducks were maintained for western Washington in 2020-21. Concerns about low recruitment rates in sea ducks, increasing interest in sea duck hunting, and the unknown impact of reduced sea duck bag limits on compensatory species, particularly Barrow's goldeneyes, led to the measure. The harvest survey indicated a total harvest of 1,729 sea ducks representing a 32.6% decrease from the 2019-20 season. Notably, the number of hunter days was estimated at 2,153 days afield, which would be the third highest estimate since mandatory harvest reporting began in the 2004-05 season. Species composition, based on compliant and noncompliant harvest report components, was estimated as: 1,001 scoters, 183 long-tailed ducks, 165 harlequin ducks and 427 goldeneyes. The reported goldeneye harvest included 53% Barrow's goldeneye. Primary harvest areas included Island (38.9%), Clallam (12.4%), and Whatcom (10.4%) counties.

District 16 has limited access for waterfowl hunting. Some locals in the western portion of the district jump shoot in pools and side channels of the west end rivers, along with other small ponds and flooded gravel pit areas. As in recent years, hunter success is often dependent on rainfall and storm events during the waterfowl season. A lack of flooded farm fields can sharply reduce hunting opportunities within the district.

Hunters can find the Office of the Washington State Climatologist website <a href="here">here</a>. The Climate Prediction Center (CPC) September <a href="temperature">temperature</a> outlook has increased chances of above normal temperatures statewide. The outlook for <a href="precipitation">precipitation</a> is less insightful with equal chances of above, below, or near-normal temperatures.

Similar to the one-month outlook, the three-month CPC <u>temperature</u> outlook for September-October-November has increased chances of above normal statewide, though chances are only slightly increased at 30-40%. The precipitation outlook has increased chances of above normal <u>precipitation</u> totals across the state.

### **HUNTING TECHNIQUES**

Public saltwater hunting opportunities are more numerous than freshwater options in District 16, albeit more difficult in many ways. The regulations and landownerships, including tideland ownerships, make it necessary for hunters to plan ahead. The USFS Dungeness Wildlife Refuge has areas that are closed (Figure 25). Hunting is not allowed on the refuge and some of the refuge boundaries can be difficult to determine in the field.

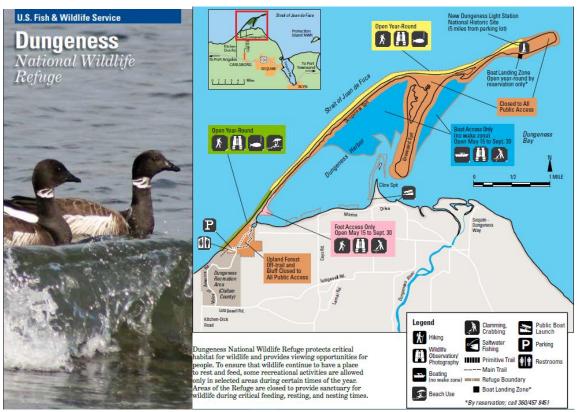


Figure 25. Dungeness National Wildlife Refuge map showing closed areas.

\*IMPORTANT INFORMATION FOR HUNTERS WHO HUNT FROM A BOAT— When hunting from a boat, hunters should ensure the boat anchor is not down on private tidelands without permission. Boat hunters shouldn't go onto private land without permission to retrieve any waterfowl shot. However, hunters should be aware they could run the risk of violating the wastage law if they do not retrieve the waterfowl they have shot. Therefore, it is essential hunters be aware of property ownership, especially when hunting from a boat.

**Shoreline and Tidelands:** There are some private landowners who allow limited hunting access along the saltwater shoreline. Typically, local signs refer to a phone number or contact information, and in some cases the signage spells out the conditions of access. Because these vary from year to year, hunters must make a tour of the area and find out the current arrangements. Hunters should make sure they will have the ability to retrieve ducks, keeping in mind the ownerships where they have permission to hunt and the adjacent ownership where they do not have that permission.

The DNR quadrangle maps display the category of tidelands, with different shades of blue for different public tideland ownerships (Figure 26).



Figure 26. Portion of DNR quadrangle map displaying public tidelands in blue.

For Clallam County, hunters can use the Assessor maps to determine tideland ownership. Assessor maps are available online <a href="here">here</a>.

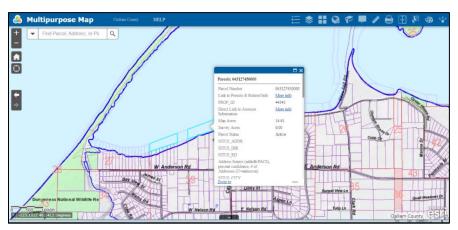


Figure 27. Clallam County website with parcel information on tidelands.

### **PUBLIC LAND OPPORTUNITIES**

Most all freshwater waterfowl hunting areas in the Dungeness Basin are on private lands. Public land hunting opportunities have changed at the Lower Dungeness Unit at the mouth of the Dungeness River. Some hunters find hunting opportunities in the near-shore areas of bays and along the shoreline of the Strait of Juan de Fuca, both on foot and by boat. Hunting violations remain a concern on small water bodies and along the saltwater shorelines in the district. WDFW urges hunters to obey all state and county regulations at sites near residential areas to avoid potential future closures. Be sure to check the <a href="Game bird and small game regulations">Game bird and small game regulations</a> | <a href="Washington Department of Fish & Wildlife">Wildlife</a> in the 2022 season pamphlet for additional requirements before hunting sea ducks (long-tailed ducks, scoter, harlequin, and goldeneye) in western Washington. Hunters can also reference the <a href="Sea duck management strategies draft">Sea duck management strategies draft</a> publication from 2013.

**North Olympic Wildlife Area** includes the <u>Dungeness Unit</u> (Figure 28). This unit contains multiple disjoined parcels about five miles north of Sequim. Hunting opportunities are offered ONLY at the River's End property. Access to private lands previously available is no longer available. WDFW is still evaluating the hunting activity the reduced size area can accommodate. Consult the wildlife area unit webpage for information updates. River's End Property is located north of East Anderson Road, and west of the Dungeness River. This is about 50 acres north of East Anderson Road and west of the Dungeness River. Public access is supported by a small parking area, an information kiosk containing site rules, and a restroom.

### Be advised:

- Due to popularity, waterfowl hunting at this site is subject to several rules. Hunting is restricted to Wednesday, Saturday, Sunday, and state and federal holidays. Hunting is restricted to one designated point on WDFW land that is available on a first-come, first-served basis. Occupancy of a hunt point is limited to a maximum of four people.
- River's End: It is unlawful to have in possession more than 15 shotgun shells or to fire (shoot) more than 15 shells in one day on this unit (WAC 220-414-050).
- Firearms Restriction Area: Per Clallam County Regulations Chapter 15.16 FIREARMS
  DISCHARGE RESTRICTIONS RESTRICTED SHOOTING AREA 1 (North of 101). The area
  north of Highway 101, and bounded on the west by the Elwha River, on the south by
  Highway 101, on the east by the east county line, and on the north by the Strait of Juan
  de Fuca.
- Towne Road and Three Crabs Properties: Hunting management decisions are on hold until further review and planning.

## **Useful Links:**

• <u>Dungeness Wildlife Area Unit The Dungeness Recreation Area County Park</u> no longer allows hunting.



Figure 28. Map of Dungeness - Rivers End and Helen's Pond (3 Crabs Rd)

#### **NOTABLE HUNTING CHANGES**

Harlequin duck harvest is not allowed during the 2022-23 season.					

## **GEESE AND BRANT**

#### **COMMON SPECIES**

**Canada Geese:** Most goose hunting opportunity in District 16 is for Canada geese. Resident geese are increasing in distribution, especially within urban and rural areas. Habitats like the Port Angeles Coast Guard base, Civic field, and nearby estuaries have had increased usage by Canada geese. In the last 10 years, the Department has noticed a Canada goose expansion into wetlands that geese previously didn't use to WDFW knowledge.

**Brant:** If brant numbers are sufficient, brant hunting this upcoming season will be open from Jan. 21 – 28 in Clallam County with a daily bag limit of two brant and a possession limit of six brant. This will be a change from the past four years when the hunting days were three select days (Saturday/Wednesday) during the month of January. The date for the youth, veterans, and active military brant hunters in Clallam County is Feb. 4, with a daily and possession bag limit of two brant.

Brant hunting was closed in Clallam and Jefferson counties for many years. Brant management was complicated by the difference in productivity of subpopulations, some enduring high nesting failures that led to restrictions on the hunting grounds. The 2014 report on management of brant in Washington is available <a href="here">here</a>. The January 2018 season was the first season that brant hunting was open in Clallam County for decades. WDFW estimated the harvest within Clallam County to be 90 brant in 2018 and 89 brant in 2019. To compare, the 2019 harvest in Skagit County was estimated to be 241 brant, Whatcom County was 48 brant, and Pacific County was 72 brant. The season for brant has continued the past few years, after winter counts had consistently placed the three-year average above the 1,000 brant winter population threshold required to consider opening a county to potential harvest, per WDFW Game Management Plan objectives. Hunters harvested a total of 180 brant during the January 2022 season. WDFW checked and measured many of the harvested brant from Clallam County during the 2018 – 2020 seasons to further assess the brant populations. WDFW also collected feathers specimens DNA analysis during the 2018 – 2020 seasons.



## **POPULATION STATUS**

Canada geese populations continue to increase on the east side of the district.

## **HARVEST TRENDS AND 2021 PROSPECTS**

Thirty-nine hunters harvested 70 Canada geese in 70 days during the 2021-2022 September hunt. During the regular seasons, 177 hunters harvested 390 Canada geese during 804 days afield. Goose numbers are increasing year-round, providing more hunter opportunity by the local production.

## **HUNTING TECHNIQUES**

Within small acreages and patchy ownership, WDFW doesn't advise pass shooting geese. Local hunters were quite successful in previous seasons using a decoy spread and blinds. Hunters must obtain permission to hunt on private lands and follow all <u>firearm regulations</u>. Many agricultural fields have residential properties nearby, so hunters must be aware of all safety concerns.

Please be respectful of private landowners and avoid conflicts with other recreational users in the area. Hunters are likely to find brant along the Dungeness shorelines that hold eelgrass. Brant also occur in other locations from Port Angeles to Sequim Bay. It will be worthwhile to become familiar with the other regular uses in potential brant hunting areas to avoid a location that will have conflicting uses on the few days the hunt is open.

#### **PUBLIC LAND OPPORTUNITIES**

Most goose hunting opportunities are on private agricultural lands in GMU 624.

## **FOREST GROUSE**

### SPECIES AND GENERAL HABITAT CHARACTERISTICS

Hunting within any of the forest lands throughout District 16 should offer good opportunities for harvesting grouse. Hunters may find prime forest grouse hunting on DNR and USFS lands within the district. Grouse harvest in Clallam County is one of the highest county totals within Region 6.

Ruffed and sooty (formerly classified as blue) grouse are present throughout public and private forest lands in District 16. The chances for harvesting sooty grouse increase at higher elevations. Hunters can expect the greatest success along trails and ridgelines above 2,000-3,000 feet, within timber stands with huckleberry and other forage plants. Hunters targeting ruffed grouse should focus on elevations below 2,500 feet, particularly in riparian forest habitats, early seral forests (5-25 years old), and deciduous-conifer mixed forest types.

The effect of spring weather on chick production and survival is a well-known factor influencing variation in populations across regions and years. During the peak of hatching (late May-early June), wet and windy weather reduces chick survival due to exposure as well as reducing insect populations at the time when young grouse need a high-protein diet. Conversely, drought conditions can also reduce forage opportunities. Loss or changes in forest habitat may also be affecting populations and harvest opportunities.

### **HARVEST TRENDS AND 2022 PROSPECTS**

Grouse hunting in District 16 continues to decline, a trend WDFW has documented since 2009. Clallam County grouse harvest peaked in 2009 at 6,350 by 1,202 hunters, with Jefferson County 2009 harvest at 3,839 grouse by 1,502 hunters. The 2021 harvest totals for Clallam County were 2,703 grouse by 969 hunters. A total of 1,111 grouse were harvested by 682 hunters in Jefferson County during the 2021 hunting season.

In 2020, the Fish and Wildlife Commission approved changing the grouse season to Sept. 15 through Jan. 15, beginning with the 2021 season. Delaying the start of the season by two weeks (without reducing the total season length) is intended to increase grouse abundance and availability to hunters by protecting breeding-aged females (hens) while they are still caring for their broods. Forest grouse broods typically become independent of the hen in mid-September. In the early season before broods break up, hens appear to be at higher risk of harvest than breeding aged males based on hunter-submitted wing and tail samples. Increasing hen survival should lead to an increase in population abundance and hunter opportunity.

Samples collected from grouse hunters provide an additional metric for monitoring forest grouse population trends. A wing and tail from a harvested grouse can provide the information necessary to identify species, sex, and age of the bird. District 16 is within the Olympic Forest Grouse Monitoring Zone (Figure 29). During the 2021 season, within the Olympic Monitoring Zone, 56% of the harvest were ruffed grouse and 44% of the harvest were blue grouse.

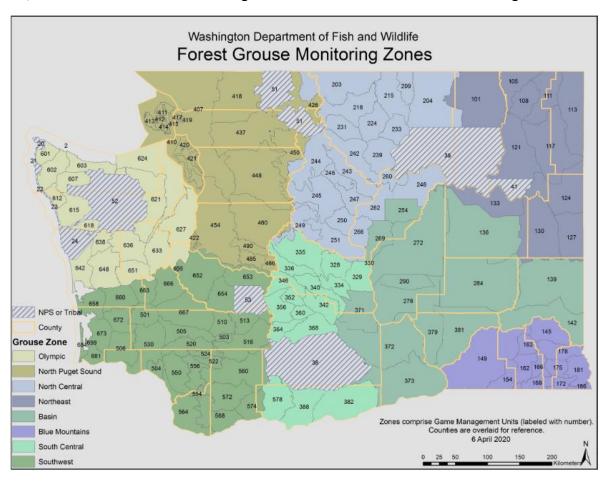


Figure 29. Forest Grouse Monitoring Zones. District 16 within the Olympic Zone

District 16 biologists will be collecting grouse wings and tails again during the 2022 season to help evaluate the harvested populations. The information for hunters to collect from the harvest is the date and location (GMU). This information will need to be filled out on provided envelopes. There are various ways hunters can contribute their harvested grouse wing and tail. Hunters can contact local WDFW employees to provide their wings/tails. Another option is to drop them off (with filled out envelopes, provided) at these wing/tail barrels. There will be three



grouse wing/tail collection barrels set up within District 16 during the grouse hunting season. The locations of these sites can be found on WDFW's <u>Forest grouse wing and tail collection</u> page. Thanks in advance for helping WDFW with grouse monitoring.

### **PHEASANTS**

Western Washington does not support self-sustaining populations of pheasants primarily due to the wet climate and lack of grain farming. Hunting pheasant in western Washington is dependent upon releases of pheasants in the fall. District 16 does not have viable populations of wild pheasant and there are no longer any pheasant release sites in the district. For information on current pheasant release sites, see the WDFW website.

## QUAIL

There is a fair abundance of California (valley) quail in the eastern portion of District 16. They are quite common in the Dungeness Valley but hunting opportunities can be challenging due to predominately private ownership. Quail, like the deer, thrive in the Dungeness habitats that include a mix of open grass, shrubs, and forest. Some quail hunting opportunities can be found on public lands located in the lower foothills in clear-cuts or any early successional habitats. During 2021, hunters harvested only 22 quail in Clallam County, and no quail were reported harvested in Jefferson County. The western Washington California (valley) quail season runs end of September through end of November, with a daily mixed bag limit of 10 and a possession mixed bag limit of 30. Reference the <a href="Game bird and small game regulations">Game bird and small game regulations</a> | Washington Department of Fish & Wildlife for more information.

## **TURKEYS**

WDFW doesn't manage District 16 for wild turkeys and the species remains relatively rare here. WDFW receives occasional reports of individuals or small groups of turkeys within GMU 603. These are likely domestic turkeys that escaped from a farm that raised turkeys in the Joyce area. District 16 biologists did receive a report of a small flock of turkeys in the Dungeness area last summer, but they were also determined to be domestic turkeys. Unfortunately, basically no prospects for hunting wild turkeys exist in District 16.

## **MOURNING DOVES**

District 16 has not been a major dove hunting area, although eastern Clallam County has a lot of doves. To complicate matters, the Eurasian collared dove, an introduced species, is becoming very prevalent in east Clallam County. There was no reported harvest of mourning doves in Clallam of Jefferson counties during the 2021 season. The 2021 USFWS Mourning Dove Population Status report Mourning Dove Population Status, 2021 | FWS.gov contains more information.

## **BAND-TAILED PIGEONS**

#### **GENERAL DESCRIPTION**

Band-tailed pigeons are the largest species of pigeon in North America. They inhabit mountainous forests in the western United States, with large coastal populations occurring from British Columbia south to northern California. During the breeding season (April to September), band-tailed pigeons are primarily found below 1,000 ft. elevation. In autumn, they eat mainly berries, nuts, grains, acorns, and fruits.

### **POPULATION STATUS AND TREND**

Band-tailed pigeons were quite abundant in District 16 historically. Local hunters reported seeing clouds of band-tailed pigeons in drainages, such as McDonald Creek, on the east side of District 16 back in the 1950s. Hunters will find them throughout the district using forest habitats. WDFW monitors band-tailed pigeon populations using a standardized population index survey. These surveys occur at 16+ mineral sites where band-tails are known to congregate. There is currently only one historic mineral site in District 16. Since WDFW initiated the standardized mineral site survey, the population index indicates band-tail populations have fluctuated through the years but have never declined to levels that would warrant more limited harvest opportunities.

### **HARVEST TRENDS AND 2022 PROSPECTS**

Hunters report relatively low band-tailed pigeon harvest in this district (sometimes zero), but the resource is available throughout the district in good numbers. Bag limits were 10 birds per day until 1950, when statewide harvest was estimated at 90,000 birds. However, overharvest and habitat changes caused significant decline in overall numbers. The band-tailed pigeon harvest in Clallam County has averaged nine birds per year for the period 2004-20. During the same period for Jefferson County, the total average harvest per year is seven birds.

#### WHERE AND HOW TO HUNT BAND-TAILED PIGEONS

Band-tailed pigeons are most prevalent in District 16 along marine estuaries, shorelines, and forested areas where they forage on berries. They frequently congregate in areas with red elderberry and cascara. These small trees are most abundant in five-to-10-year-old timber harvests where hunting can be exceptionally good. The key to harvesting band-tails is scouting. Identifying specific timber harvests used by band-tails is difficult to predict. Hunters need to locate feeding, roosting, and watering sites. Upon finding a good site, hunters will need to sit patiently and wait for possible shooting opportunities to occur.

Band-tails often congregate at seeps and mineral sites. They show strong site fidelity to these locations and often return to the same seeps year after year. WDFW conducts annual surveys at such mineral sites to assess changes to the band-tailed population. These mineral sites are not abundant and are hard to find. If a hunter is lucky enough to locate a mineral site where band-tails congregate, it is likely to be a successful season.

Only one historic mineral site is known to exist within District 16. Hopefully, others will be located during a special research project that was initiated in 2021. Please contact District 16

biologists if you may know the location of any sites where band-tailed pigeons obtain minerals in Clallam or Jefferson counties.

### **SPECIAL REGULATIONS**

Since band-tail seasons re-opened in 2002, hunters are required to buy a migratory bird authorization, along with all required hunting licenses and the band-tailed pigeon harvest card. It is mandatory to report all band-tailed pigeon harvest to WDFW after the season has closed. Hunters should review the 2022 Game Bird and Small Game Hunting Regulations pamphlet to confirm season dates and any other regulation changes. More information about population monitoring and harvests is available in the 2020 USFWS band-tailed pigeon population status report.

#### RESEARCH

Starting in May 2021, WDFW initiated a project to capture and fit band-tailed pigeons with satellite telemetry devices in portions of District 16 and 17 (Grays Harbor and Pacific counties). The Department has fitted a total of 22 birds have with transmitters that are programmed to obtain multiple locations throughout the day and periodically upload those locations via the cell tower network.





The goal of this project is to conduct research on band-tailed pigeons in areas where mineral sites have not been identified, which would allow WDFW to fulfill the following objectives: 1) more accurately index our statewide population via mineral site surveys; 2) more expertly manage our BTP harvest seasons to potentially allow an expanded hunting opportunity; 3) provide detailed information on resource selection to inform how to manage habitat that would increase the statewide population.

This research project has already led to the discovery of new mineral sites in Grays Harbor County. There are at least two locations in Clallam County that have been identified as possible mineral sites. Further investigation of these sites will continue this season. Hunters and members of the public are funding this research via the migratory bird stamp and artwork

program. WDFW expects this project to continue through 2025 across various districts within Region 6.

## TRIBAL HUNTING

District 16 is within the ceded area of numerous treaty tribes on the Olympic Peninsula. WDFW and tribes cooperatively manage wildlife populations. Tribal hunting often occurs concurrent with WDFW hunting seasons. Tribal governments set their own seasons and bag limits. Tribal Enforcement personnel are responsible for ensuring tribal hunting regulations are followed, which may differ from state regulations.

Tribal big game harvest reports are available on the <u>Northwest Indian Fisheries Commission</u> website.

## FIREARM AND WEAPON RESTRICTIONS

These diverse mixtures of ownerships and jurisdictions also present different combinations of firearm restriction regulations and ordinances. The three main firearm restriction regulations most relevant to hunters are the following:

- WDFW Firearm Restriction unlawful to hunt wildlife with centerfire or rimfire rifles in "The portion of the GMU 624 (Coyle) within Clallam County." Page 90 in the 2021 Big Game Hunting Regulations pamphlet.
- Clallam County Code Clallam County Firearms Discharge Restrictions
- <u>Jefferson County Code Jefferson County Shooting in the County</u>

## MAJOR PUBLIC LANDS

Make sure you have acquired the necessary permits to drive on public and private land in the area you decide to explore.

**Public Access Permits:** Here are some public access permits to be aware of and that you may need depending on your destination.

**Discover Pass** State parks, DNR, and WDFW



Federal Agency-Interagency Annual Pass



Federal Agency Interagency Volunteer Pass



The interagency passes include access on National Park Service, USFS, U.S. Fish and Wildlife Service, Bureau of Land Management, and Bureau of Reclamation lands. Keep in mind that many public lands on the Olympic Peninsula are not open to hunting, including Olympic National Park, Washington State Parks, and Clallam County parks.

## PRIVATE INDUSTRIAL FORESTLANDS

#### **GENERAL INFORMATION**

Private timberlands have various access and road closure procedures, so it is prudent to determine current ownership for a target location and the requirements to obtain permission to hunt. Merrill and Ring Pysht Tree Farm in GMU 603 made a drastic change a few years ago will not be allowing access for deer hunting. A lottery system is used for the small number of access permits they issue for elk hunting season. The other forest industry ownerships have various access systems in place. Hunters are encouraged to scout the areas they are considering hunting and pay close attention to the signs on all roads. Signs are often the landowner's primary method of informing the public on which areas are open to hunting.

## **CONTACT INFORMATION FOR MAJOR TIMBER COMPANIES**

## Rayonier, Inc.

Website: <a href="mailto:rayonier.com/">rayonier.com/</a>

IFP Office 360-452-1351 Forks Office 360-374-6565 Port Angeles 360-457-2329

## Information on Rayonier Access Permits:

- property.rayonierhunting.com/Permits/PermitsHome.aspx
- property.rayonierhunting.com/AvailableAreas/FindProperties.aspx

#### **Green Crow**

Website: greencrow.com/contact-us/locations/

360-452-3325

727 E. 8<sup>th</sup>, Port Angeles, WA 98362

## **Merrill and Ring**

Website: merrillring.com/contact-us/

360-452-2367

Email: contact@merrillring.com

813 East 8th Street, Port Angeles, WA 98362

### OTHER MAJOR LANDOWNERS

## **Hoh River Trust**

Facebook: facebook.com/The-Hoh-River-Trust-74841050447/

## **HUNTING ORGANIZATIONS**

## Rocky Mountain Elk Foundation – Olympic Peninsula Chapter

Website: rmef.org/where-we-conserve/?state=WA

5705 Grant Creek

Missoula, MT 59808Phone: (406) 523-4500

# **Jefferson County Sportsmen's Association**

Website: jeffersoncountysportsmen.org/wp/ Email: info@JeffersonCountySportsmen.org P.O. Box 737, Port Townsend, WA 98368

## **Sportsmen for Wild Olympics**

Website: <u>SportsmenForWildOlympics.org</u> Email: info@sportsmenforwildolympics.org

## Wapiti Bowmen Archery Club

Facebook: facebook.com/Wapiti-Bowmen-180948655312545/

Email: wapitibowclub@gmail.com

374 E Arnette Rd, Port Angeles, WA 98362

Eyes in the Woods

Website: http://www.eyesinthewoods.org/

P.O. Box 2406, Olympia, WA 98507

**West End Sportsmen's Club-Forks** 

Facebook Website: facebook.com/pg/West-End-Sportsmens-Club-354953248029561/posts/

Phone: (360) 374-5420

Sportsman Club Road, Forks, WA 98331

**Washington Backcountry Hunters and Anglers** 

Website: <u>backcountryhunters.org/washington\_bha</u>

Max Cole, West Side Co-Chair

Email: washington@backcountryhunters.org

**Ducks Unlimited Olympic District** 

Website: <u>ducks.org/washington/wa-content/state-contacts/?poe=stateHomelcon</u>

Chairman Mike Luecht

Email: <a href="mailto:papaluke@wavecable.com">papaluke@wavecable.com</a>

**Izaak Walton League of America Greater Seattle Chapter** 

Website: <a href="mailto:iwla.org/local-chapters">iwla.org/local-chapters</a>

A. William Way

Phone: 425-868-4759

Email: bway@watershedco.com

3451 E. Lake Sammamish Ln. N.E., Sammamish, WA 98074

**Washington Brant Foundation** 

Website: wabrant.org/ Maynard Axelson Phone: 360-445-6681 Email: info@wabrant.org

15929 Fir Island Rd, Mt Vernon, WA 98273

Washington Outdoor Women (WOW)

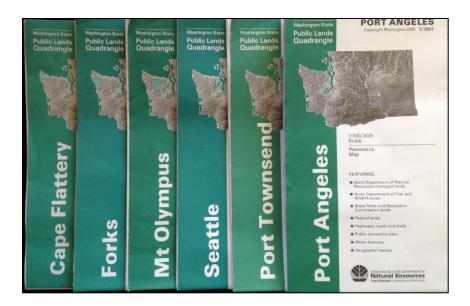
Website: washingtonoutdoorwomen.org washingtonoutdoorwomen.org/workshops/

P.O. Box 1656, Bellevue, WA 98009-1656

If you know of an organization that should be included in this document, please let us know.

## ONLINE TOOLS AND MAPS

WDFW recommends a set of these DNR maps, which you can order online at: dnr.wa.gov/programs-and-services/buy-maps-aerial-photos-or-survey-data



These DNR maps are available to buy at Swains and Browns in Port Angeles and Thriftway in Forks but can also be ordered online or by phone.

These DNR maps have some of the best combination of land ownership and current roads. However, keep in mind there have been several DNR and private forest land ownership exchanges in recent years that won't show up on these maps. DNR's website has current DNR ownership displayed at

<u>arcgis.com/apps/Embed/index.html?webmap=fa6875f802ee43f4a21d16df47b71cecextent=124.6798,47.5345,-123.334,48.3084&zoom=true&scale=false&theme=light</u>

Other maps that can be helpful for select areas include:

## **Forest Service Online:**

Forest Service maps can be obtained free online at <u>freegeographytools.com/2007/updated-usgs-24k-topographic-maps-from-the-us-forest-service</u>

### **Forest Service Maps to purchase:**

USFS sells forest district maps that are very useful, as are the custom correct maps shown on the same page.

Link: <a href="mailto:nps.gov/olym/planyourvisit/maps.htm">nps.gov/olym/planyourvisit/maps.htm</a>

East end of WDFW District 16 is the Hood Canal Ranger District/North End map. West end of WDFW District 16 are the Pacific Ranger District/North End and South End maps.

**OnX App:** The OnX Cellphone App has been the go-to tool for information on land ownership in recent years. One main issue is areas with no cell service could make the tool useless. If you preplan when you have service, you can save the aerial background for the areas you will encounter poor cell coverage and then still use the App without cell service.