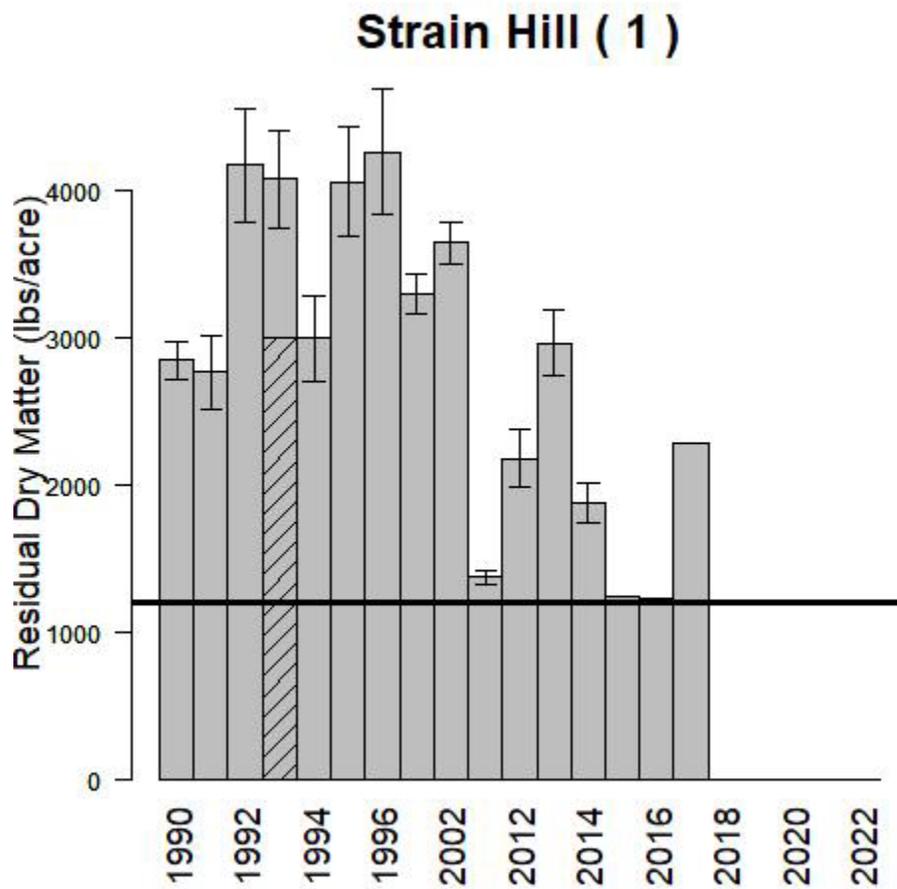


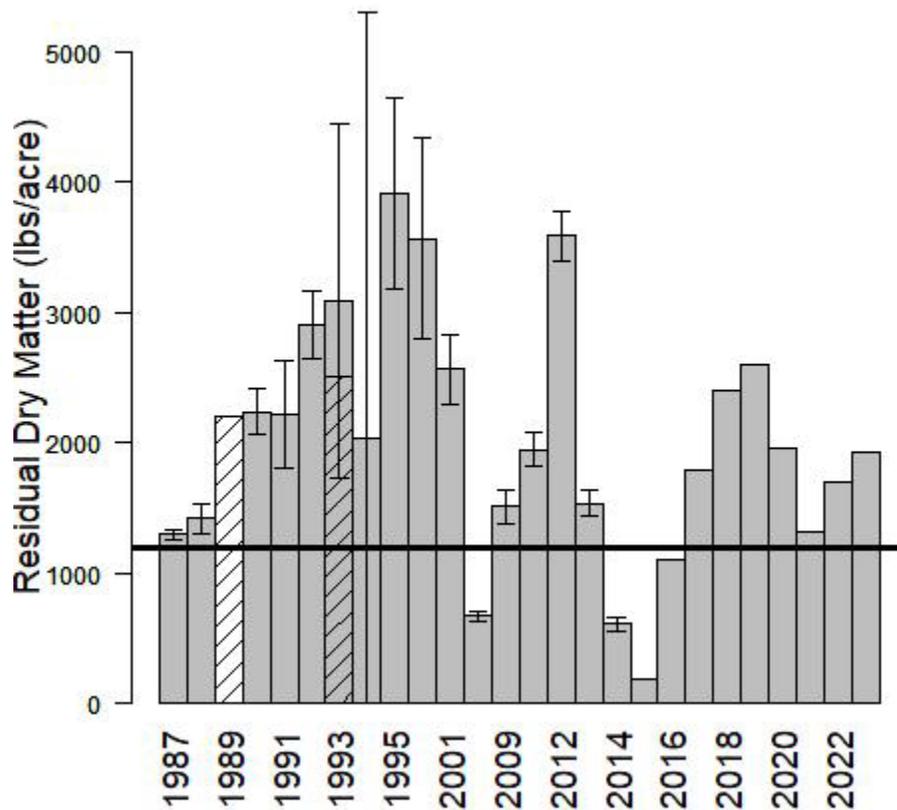
**Figure A.2 1987-2023 RDM by key area transect.**

The figures for the following Residual Dry Matter (RDM) values show annual variation in RDM for all years where transects were sampled with double-sampling monitoring, visual estimation, or three representative clips, as described in section 6.2. The solid grey bars with whiskers show the double-sampling RDM estimates and the corresponding 95% confidence interval. Whiskers are not shown for incomplete double-sampling estimates or the 3 representative clips where a confidence interval is not calculated. The bars with only diagonal hash marks show visual estimates of RDM. Any bar that shows grey and hash marks represents a transect that in one year had some clipped estimates and visual estimation but only double-sampling if there are whiskers to represent the 95% confidence interval. The solid black line marks the 1,200 lbs/acre minimum RDM standard.



**Figure 1:** Strain Hill (RDM plot 1) values 1990–2017. Data from 1990–2014 was collected using methods outlined in NPS 1990. Data from 2015–2017 was collected using methods outlined in Bartolome et al. 2015. No data has been collected since 2017.

## R Giacomini ( 2 )

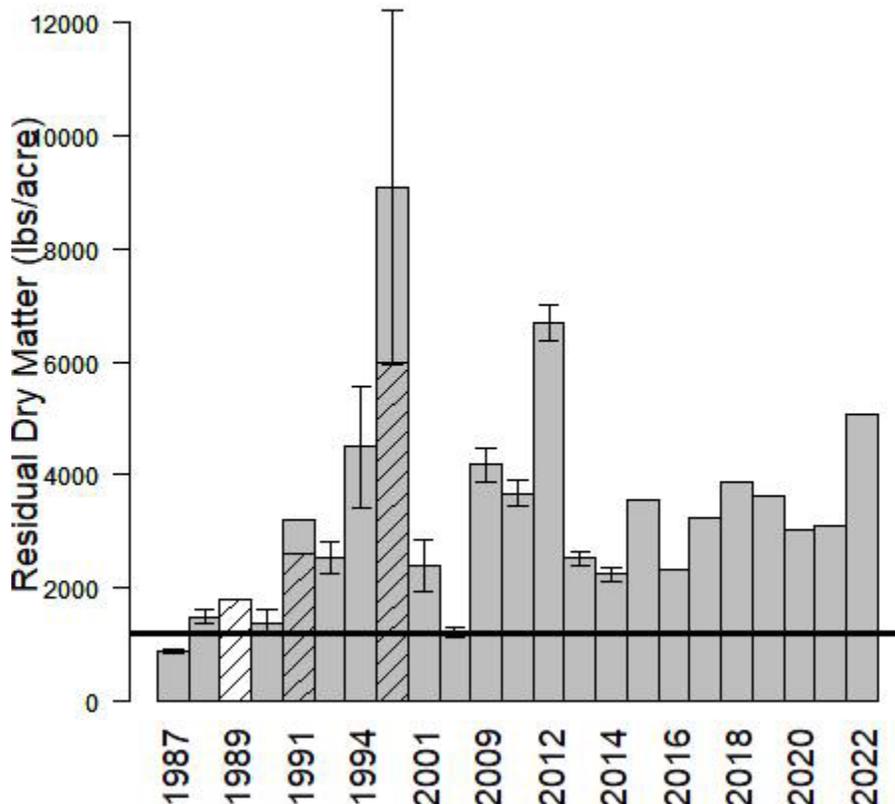


**Figure 2:** R. Giacomini South RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>1</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>2</sup>. **This year's RDM value was 1920 lbs/acre.**

<sup>1</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>2</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

### Stewart Truttman ( 3 )



**Figure 3:** Stewart Truttman RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>3</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>4</sup>. No data has been collected for this transect since 2022.

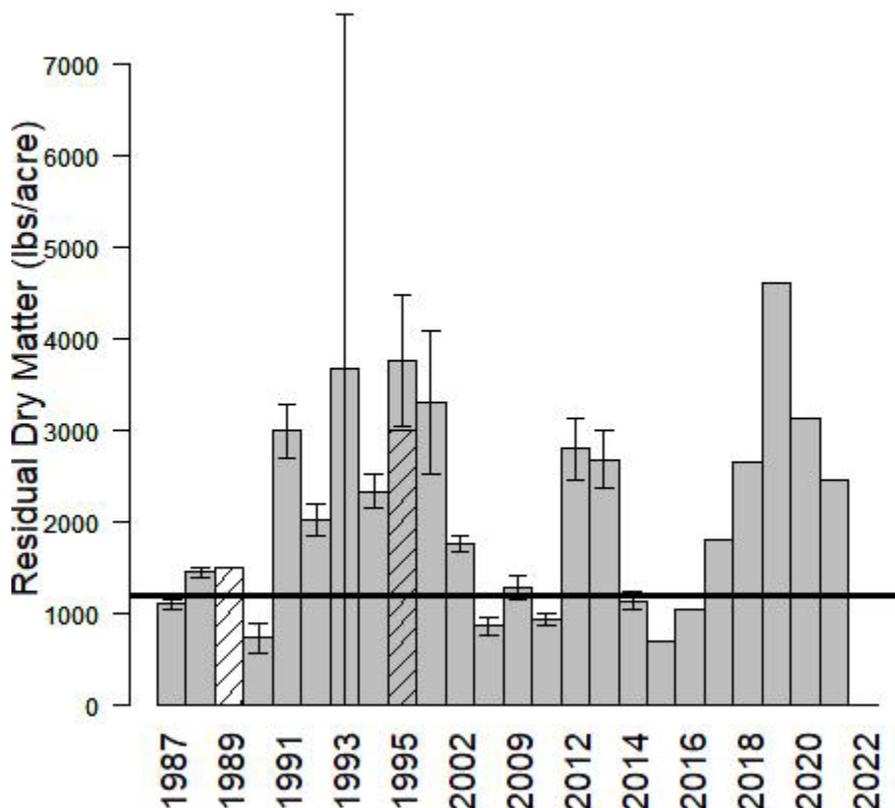
\*In 2018-2020 and 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 3.

**Note:** The Stewart Ranch has not been actively grazed since July 2021.

<sup>3</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>4</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Stewart Lupton ( 4 )



**Figure 4:** Stewart Lupton RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>5</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>6</sup>. No data has been collected since 2021.

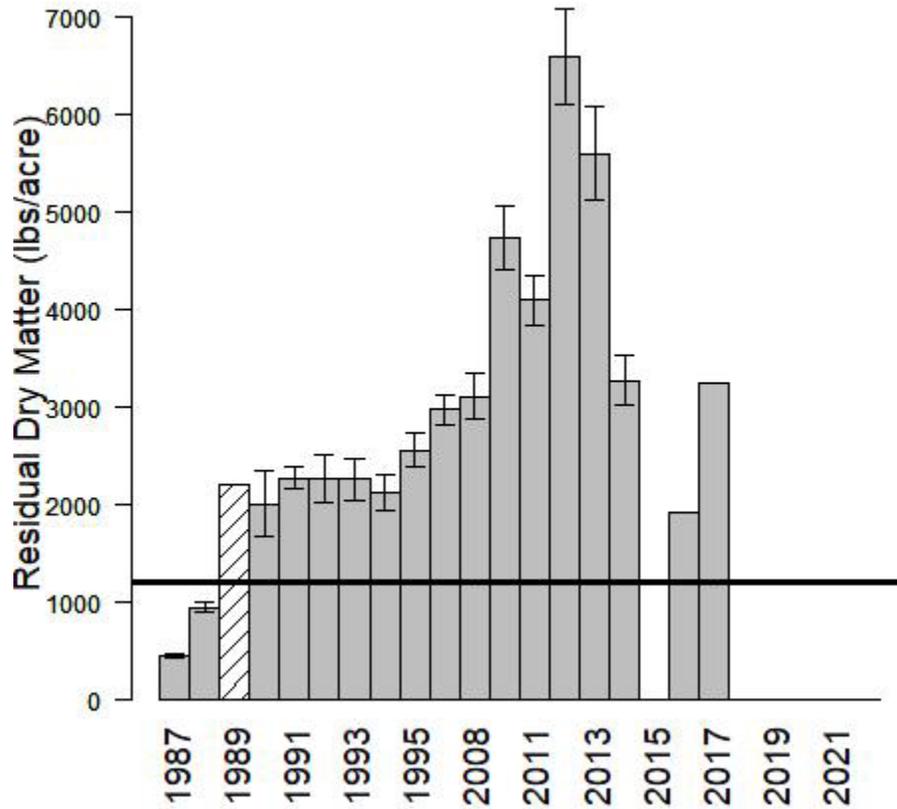
\*In 2018, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 4.

**Note:** The Lupton Ranch has not been actively grazed since July 2021.

<sup>5</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

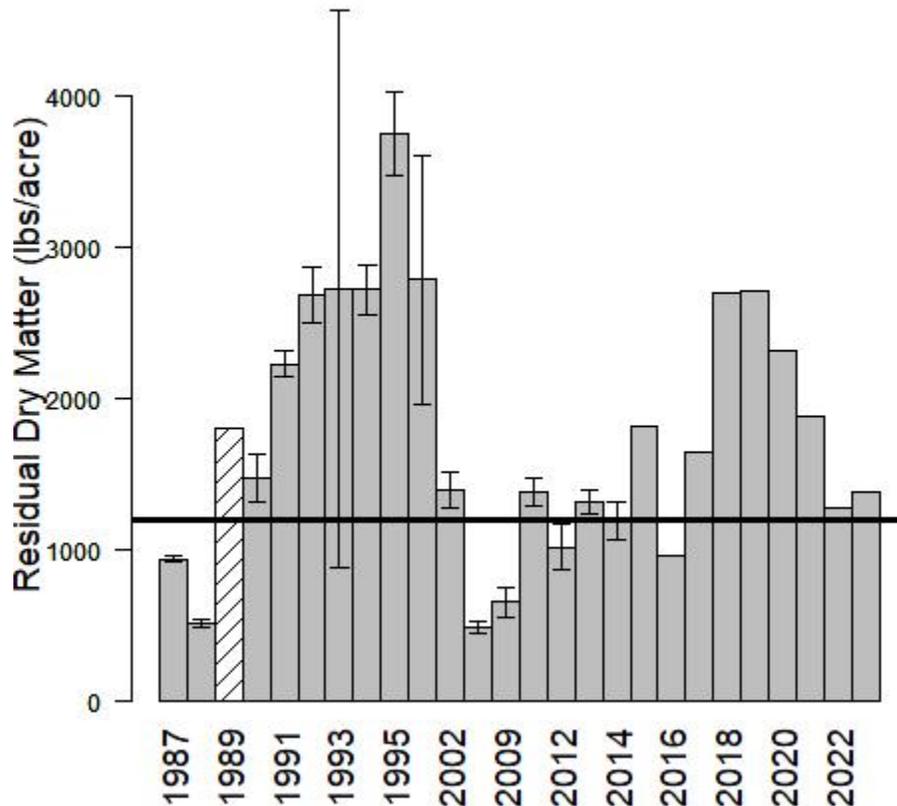
<sup>6</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

### Jewell ( 5 )



**Figure 5:** Jewell (RDM plot 5) values 1987–2017. Data from 1987–2014 was collected using methods outlined in NPS 1990. Data from 2015–2017 was collected using methods outlined in Bartolome et al. 2015. No data has been collected since 2017.

## Mclsaac Bolinas ( 6 )

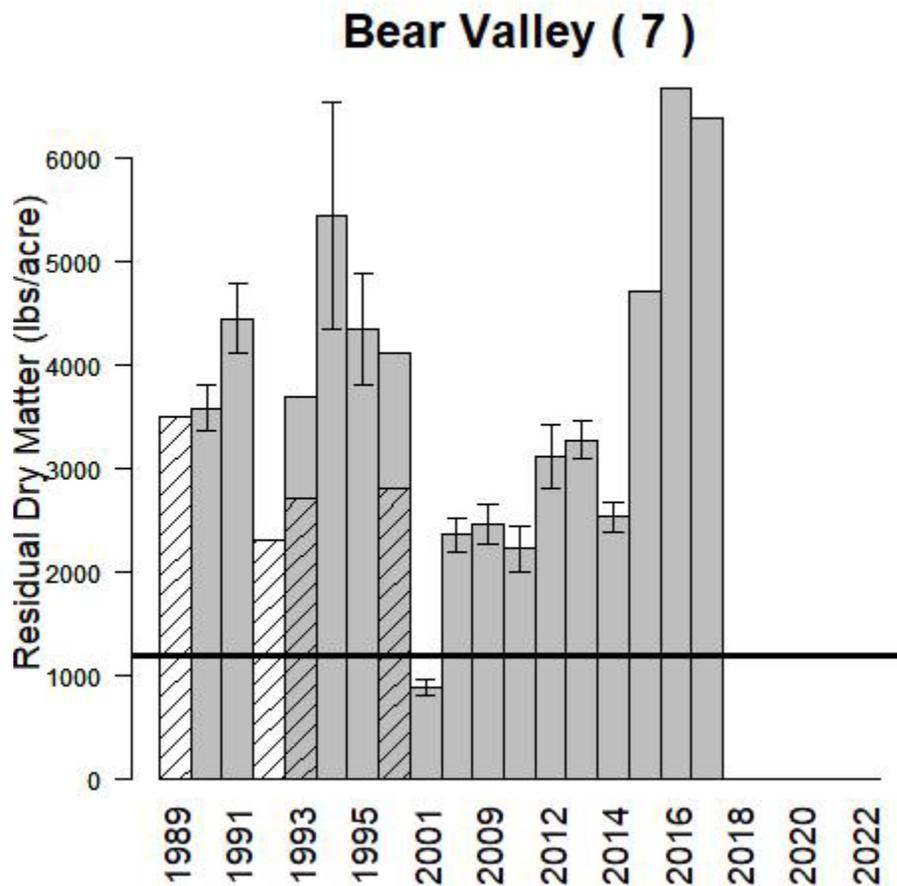


**Figure 6:** Mclsaac Bolinas RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>7</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>8</sup>. **This year's RDM value was 1377 lbs/acre.**

\*In 2018, 2020, 2022, and 2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 6.

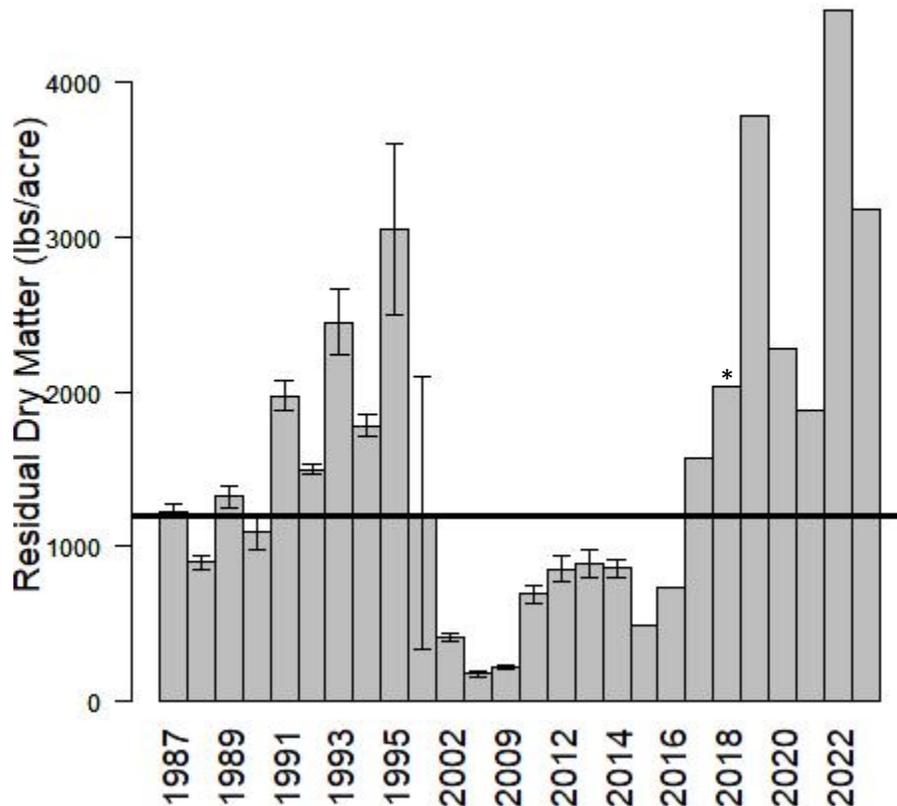
<sup>7</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>8</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



**Figure 7:** Bear Valley (RDM plot 7) values 1989–2017 Data from 1989–2014 was collected using methods outlined in NPS 1990. Data from 2015–2017 was collected using methods outlined in Bartolome et al. 2015. No data has been collected since 2017.

## R Giacomini ( 8 )



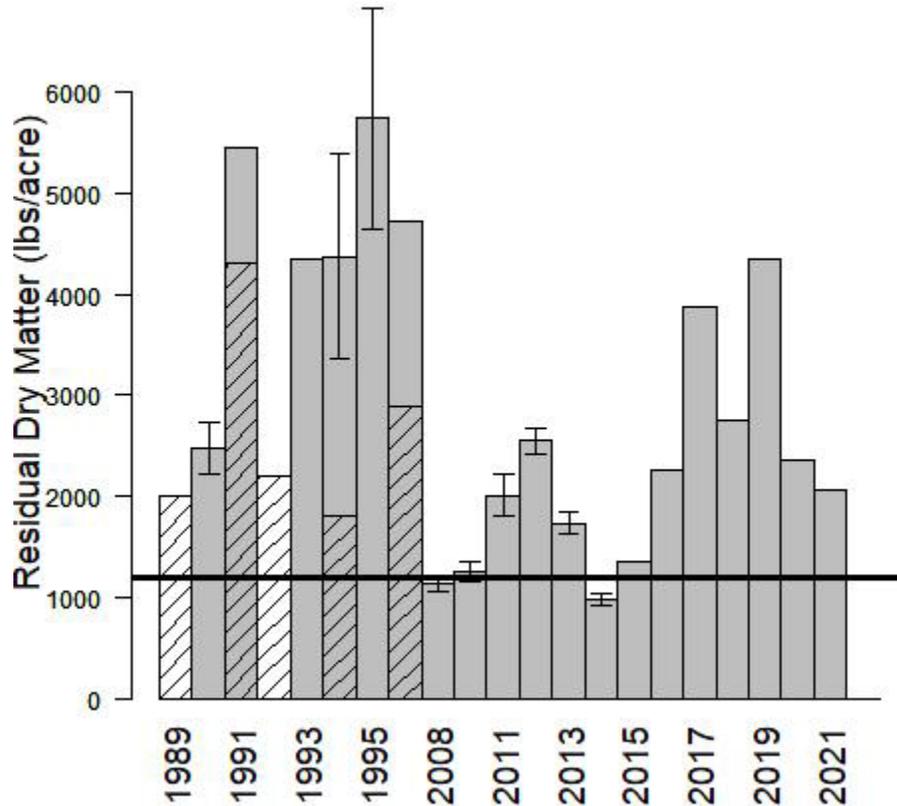
**Figure 8:** R. Giacomini North RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>9</sup>. Data from 2015 present was collected using methods outlined in Bartolome et al. 2015<sup>10</sup>. **This year's RDM value was 3173 lbs/acre.**

\* In 2019-2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported for 2019-2023 in Figure 8. In 2018, onion grass was estimated to be greater than 25% ground cover and removed from clipped samples to obtain the RDM result shown for 2018 in Figure 8.

<sup>9</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>10</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Stewart ( 9 )



**Figure 9:** Stewart Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>11</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>12</sup>. No data has been collected since 2021.

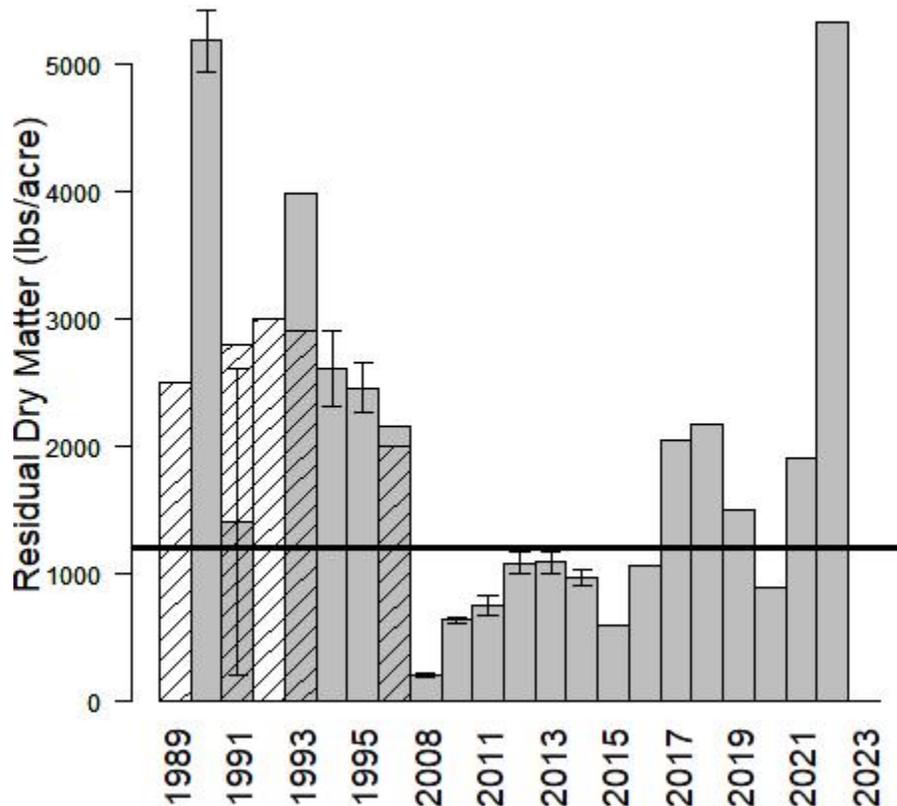
\*In 2018, 2020, and 2021, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 9.

**Note:** The Stewart Ranch has not been actively grazed since July 2021.

<sup>11</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>12</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Martinelli ( 10 )



**Figure 10:** Martinelli Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>13</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>14</sup>. No data has been collected for this transect since 2022.

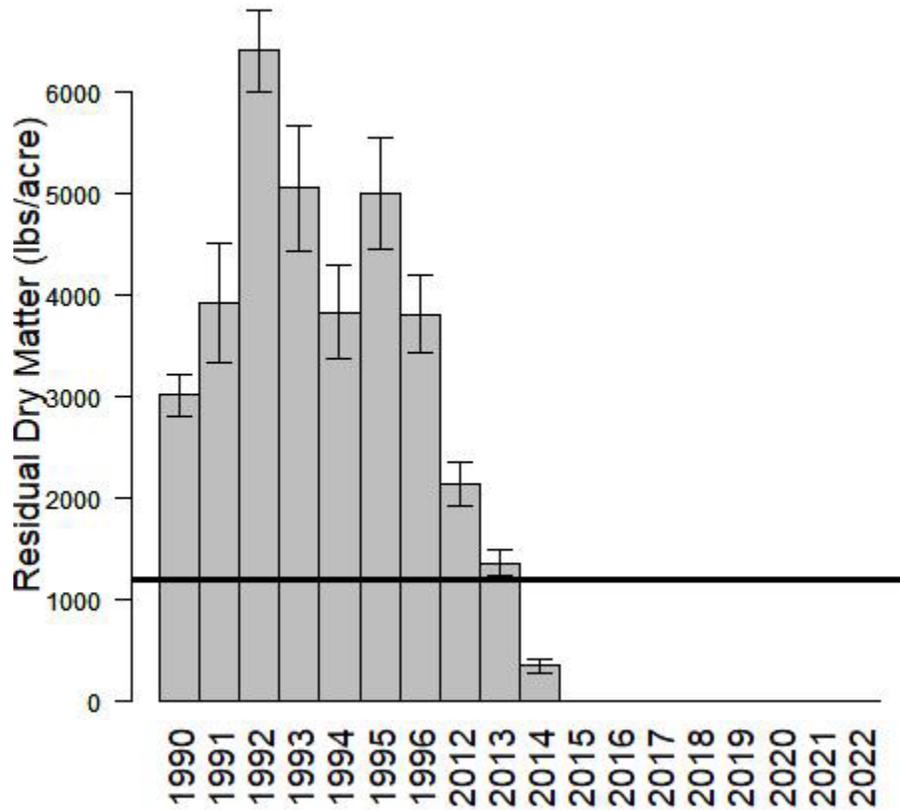
\*In 2018-2021, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 10.

**Note:** The Martinelli Ranch has not been actively grazed since November 2021.

<sup>13</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

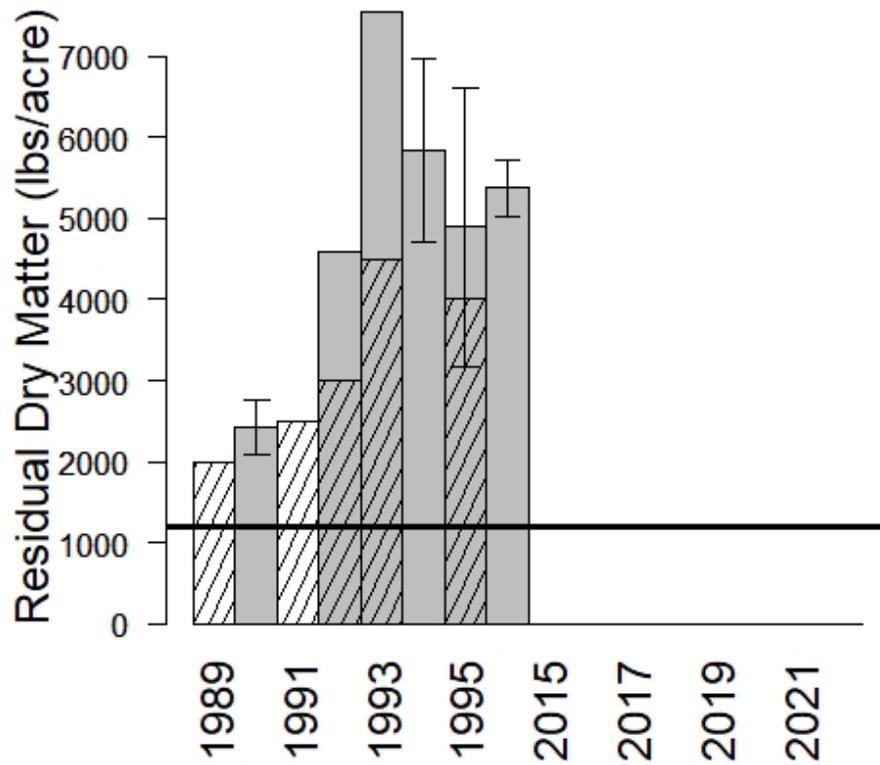
<sup>14</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Beebe East ( 11 )



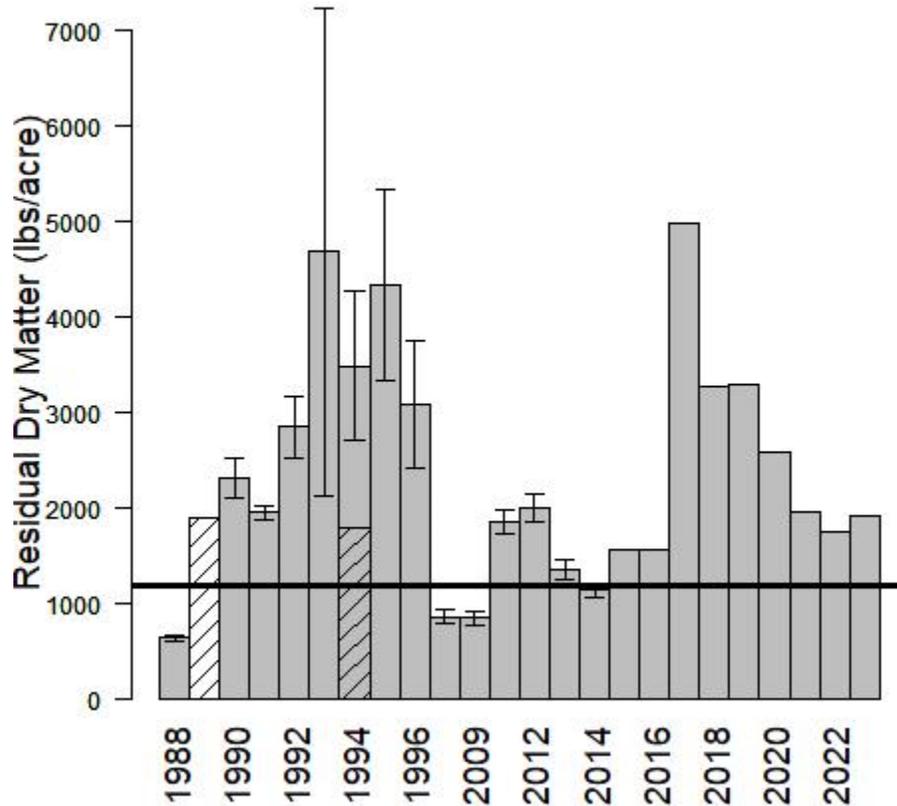
**Figure 11:** Beebe East (RDM plot 11) values 1990–2014. Data from 1990–2014 was collected using methods outlined in NPS 1990. No data has been collected since 2014.

## Olema Marsh ( 12 )



**Figure 12:** Olema Marsh, formerly Rodoni SUP, (RDM plot 12) values 1989–2012. Data from 1989–2012 was collected using methods outlined in NPS 1990. No data has been collected since 2012.

## Mclsaac Bolinas ( 13 )



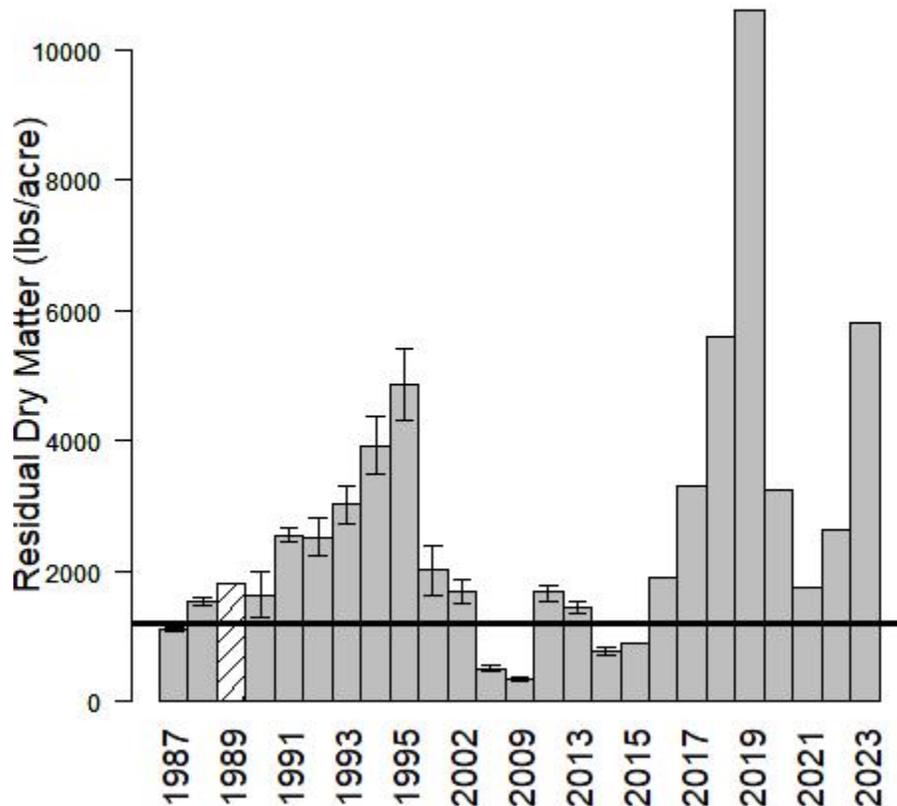
**Figure 13:** Mclsaac Bolinas RDM plot values 1988-present. Data from 1988-2014 was collected using methods outlined in NPS 1990<sup>15</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>16</sup>. **This year's RDM value was 1923 lbs/acre.**

\*In 2018-2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 13.

<sup>15</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>16</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## J Ranch North ( 14 )

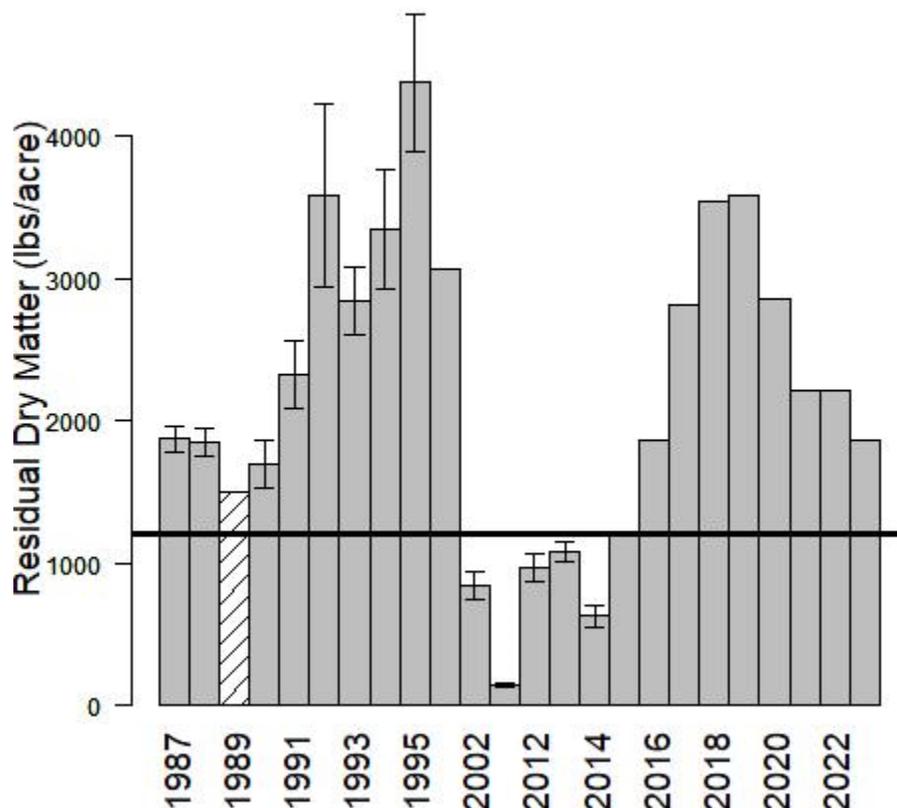


**Figure 14:** J Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>17</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>18</sup>. **This year's RDM value was 5800 lbs/acre.**

<sup>17</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>18</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## J Ranch East ( 15 )

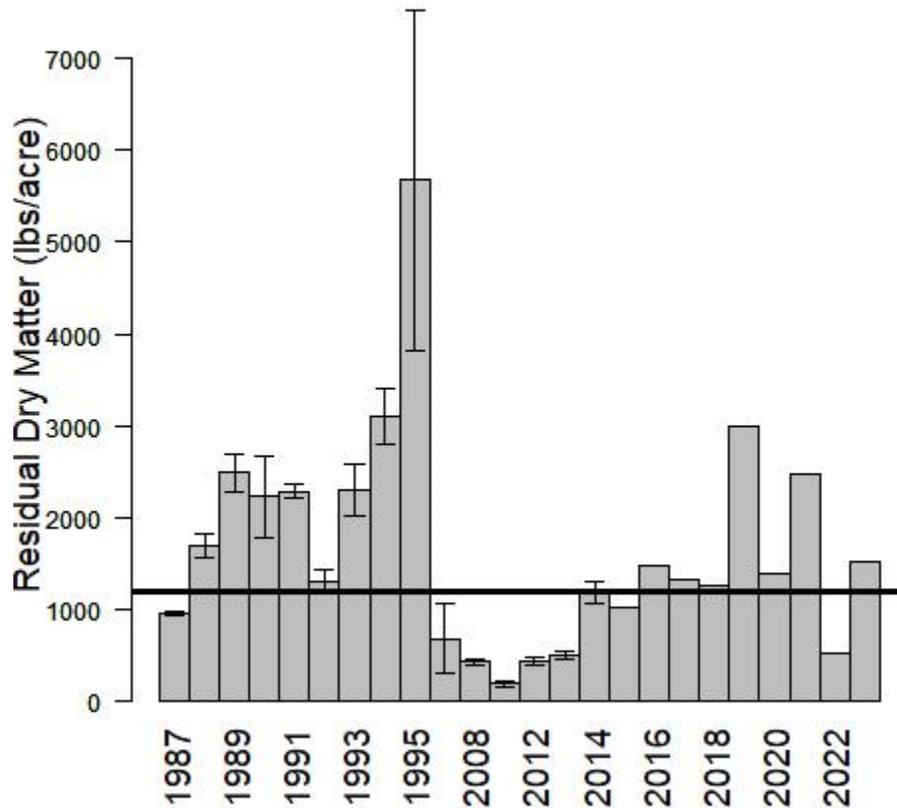


**Figure 15:** J Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>19</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>20</sup>. **This year's RDM value was 1860 lbs/acre.**

<sup>19</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>20</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## A Ranch ( 16 )

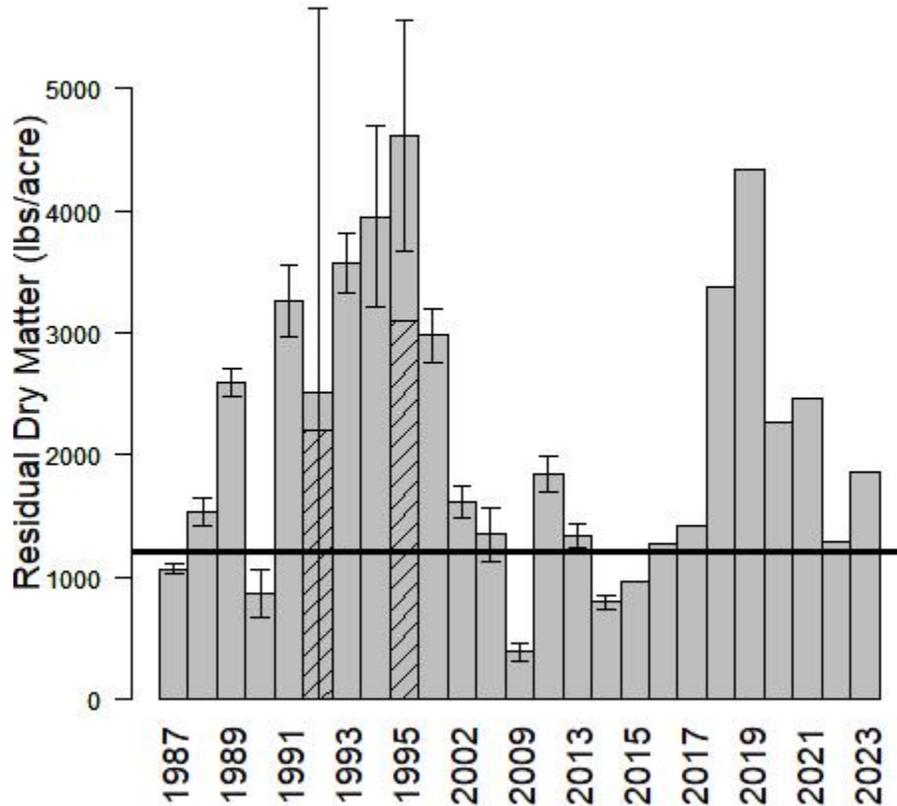


**Figure 16:** A Ranch (transect 16) RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>21</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>22</sup>. **This year's RDM value was 1510 lbs/acre.**

<sup>21</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>22</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

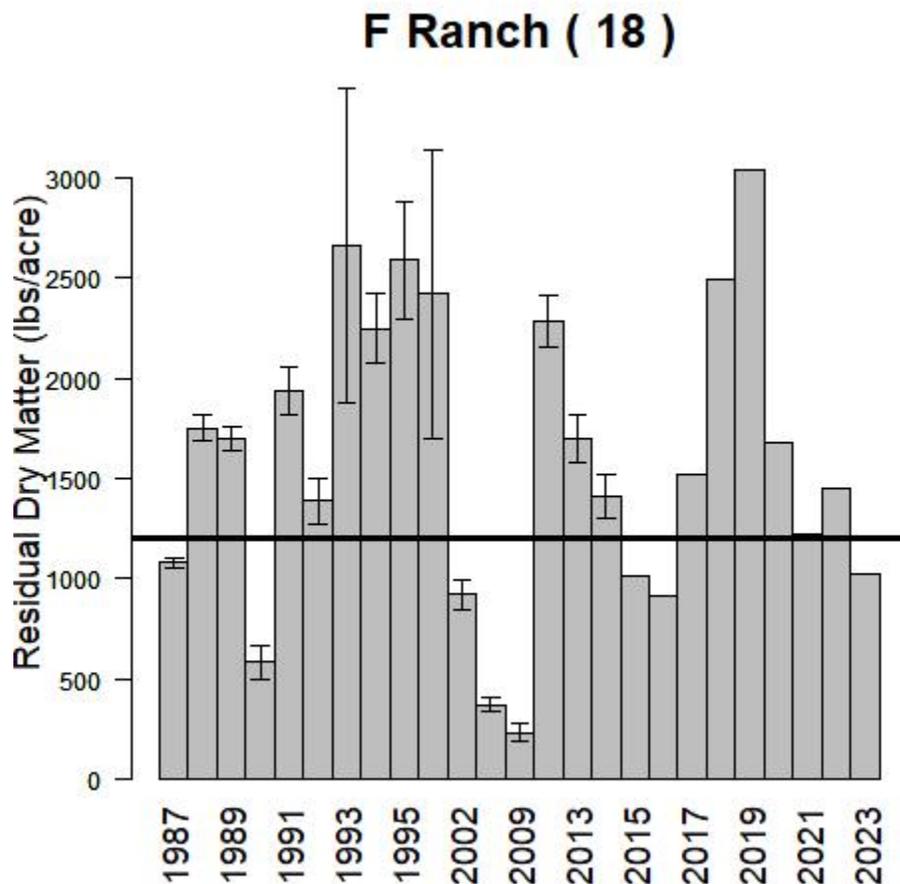
## C Ranch ( 17 )



**Figure 17:** C Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>23</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>24</sup>. **This year's RDM value was 1857 lbs/acre.**

<sup>23</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>24</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



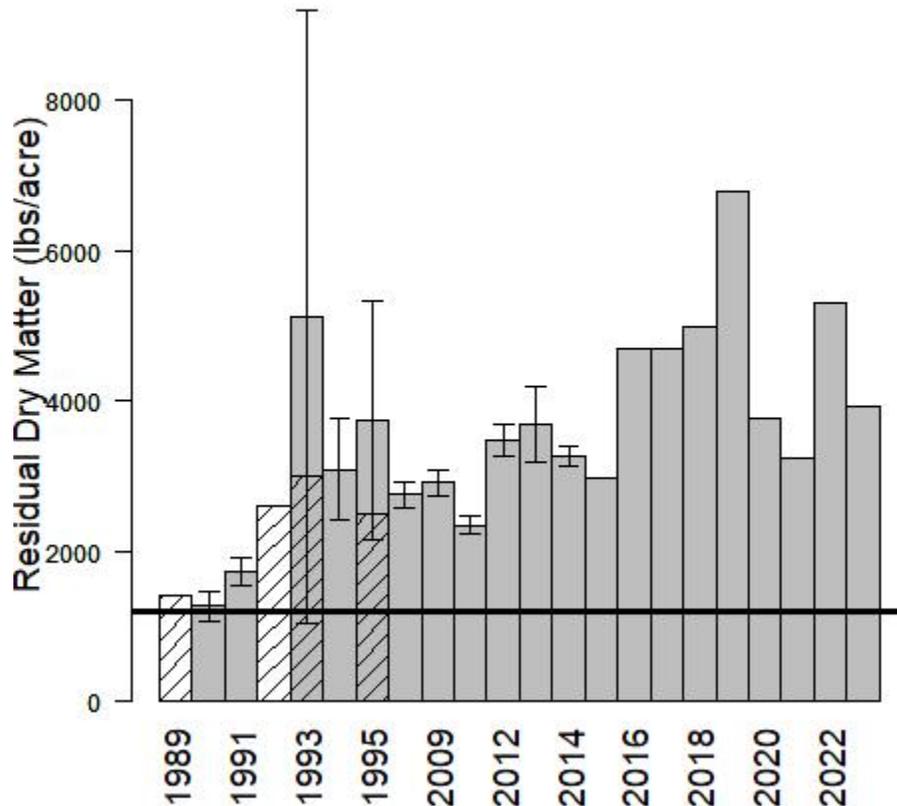
**Figure 18:** F Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>25</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>26</sup>. **This year's RDM value was 1023 lbs/acre.**

\*In 2018-2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 18.

<sup>25</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>26</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## E Gallagher ( 19 )



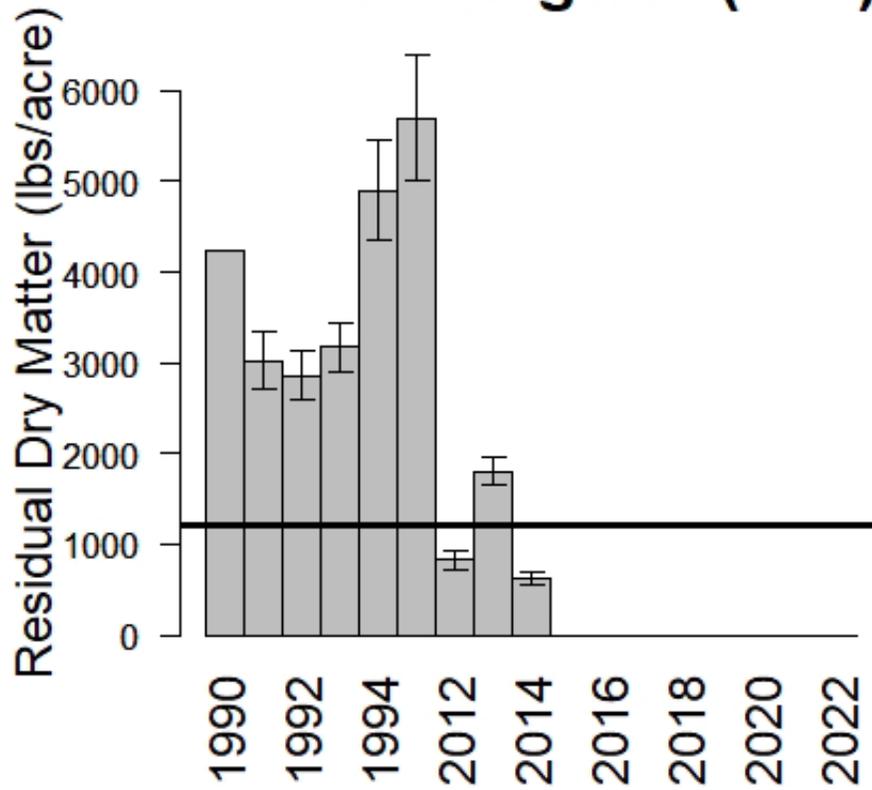
**Figure 19:** E. Gallagher Ranch RDM plot values 1989-present. Data from 1989-2014 was collected using methods outlined in NPS 1990<sup>27</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>28</sup>. **This year's RDM value was 3913 lbs/acre.**

\*In 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 19.

<sup>27</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

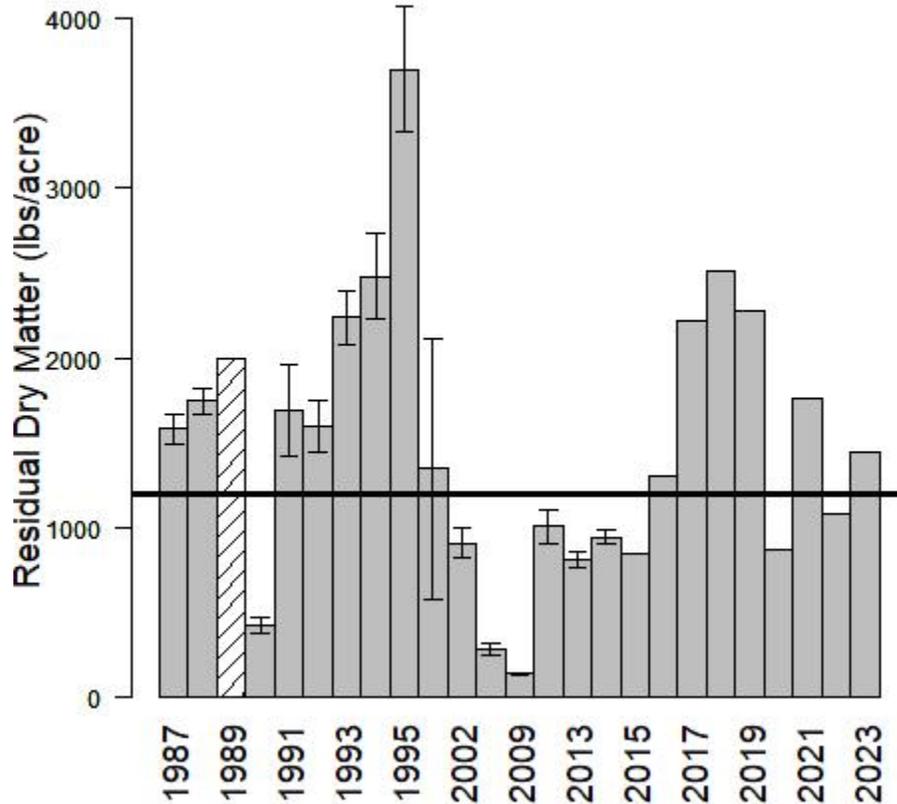
<sup>28</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Abbotts Lagoon ( 20 )



**Figure 20:** Abbotts Lagoon (RDM plot 20) values 1990–2014. Data from 1990–2014 was collected using methods outlined in NPS 1990. No data has been collected since 2014.

## N Ranch ( 21 )

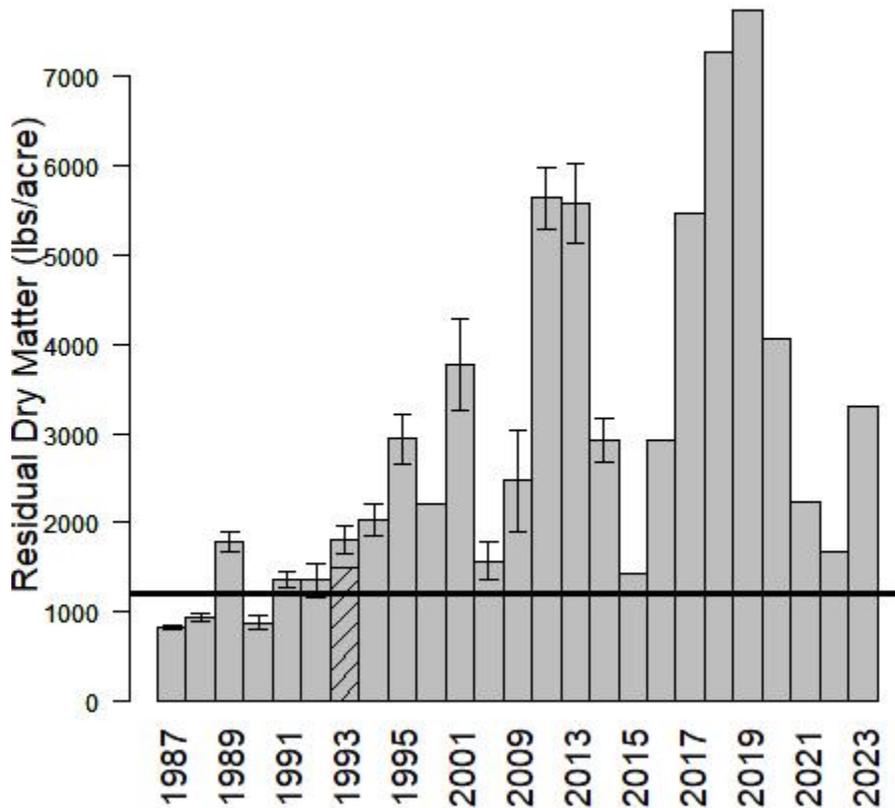


**Figure 21:** N Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>29</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>30</sup>. **This year's RDM value was 1477 lbs/acre.**

<sup>29</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>30</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## G Ranch ( 22 )

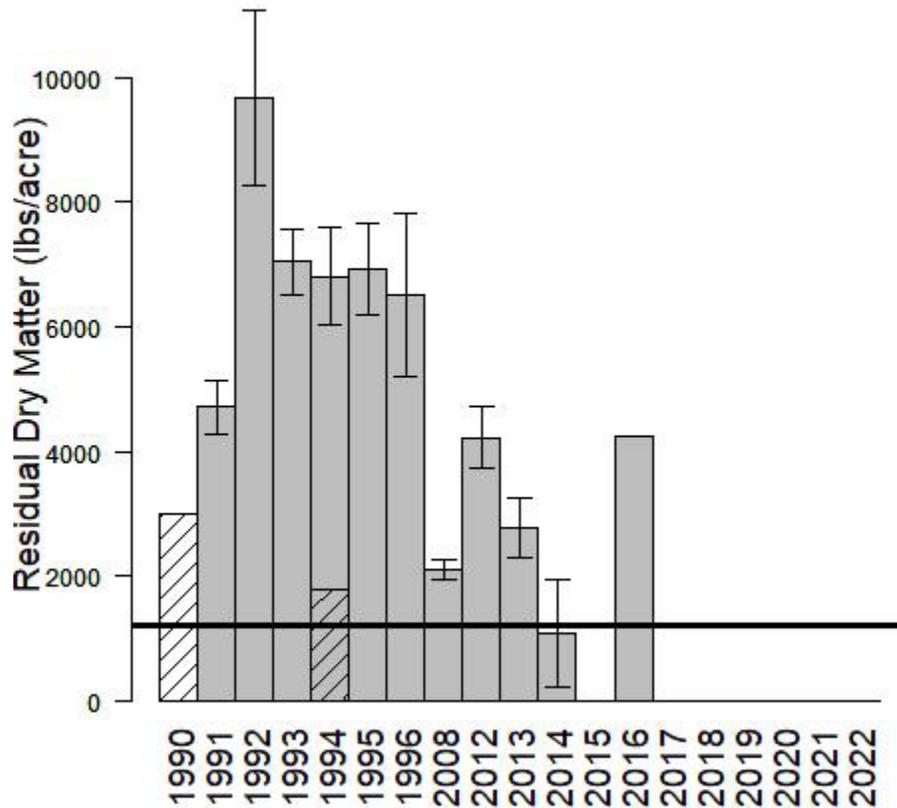


**Figure 22:** G Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>31</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>32</sup>. **This year's RDM value was 3297 lbs/acre.**

<sup>31</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

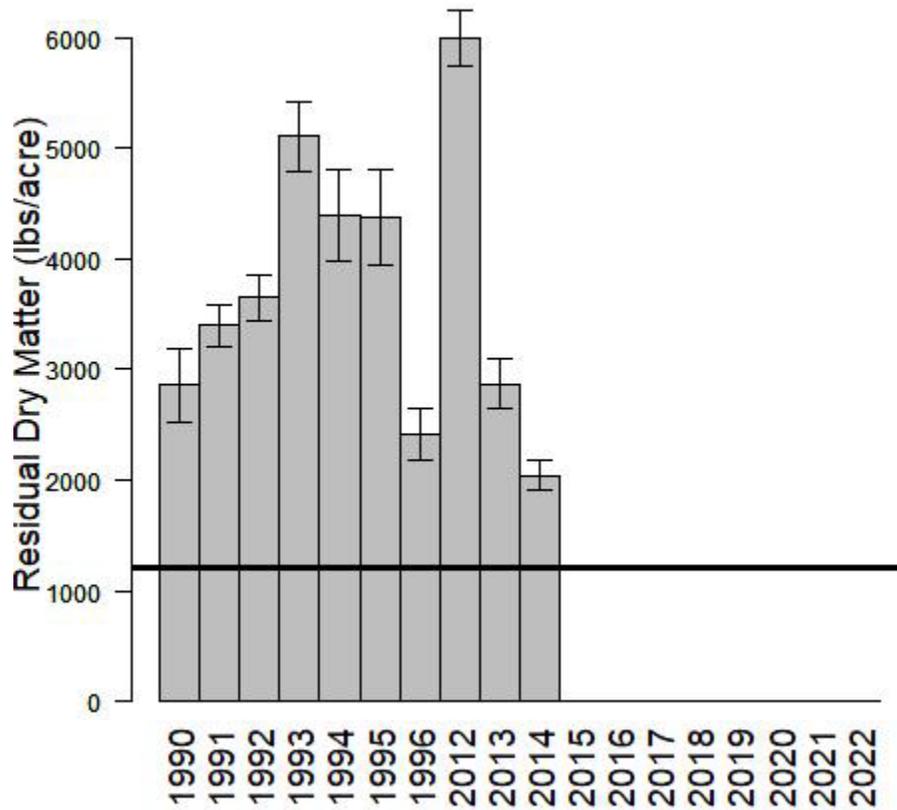
<sup>32</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Beebe South ( 23 )



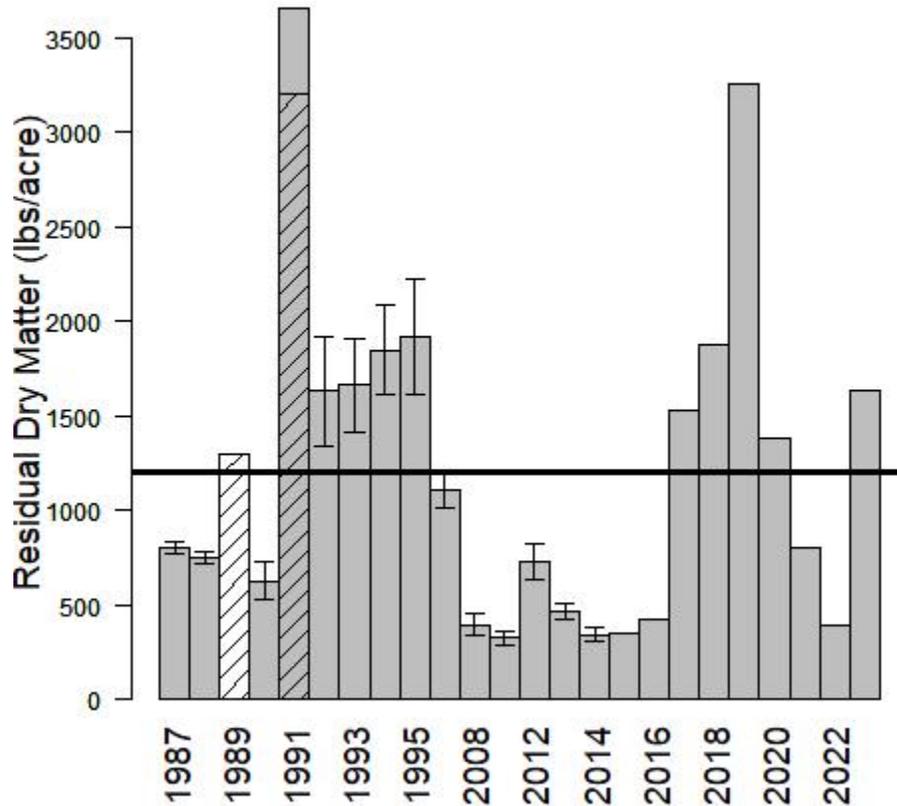
**Figure 23:** Beebe South (RDM plot 23) values 1990–2016. Data from 1990–2014 was collected using methods outlined in NPS 1990. Data in 2016 was collected using methods outlined in Bartolome et al. 2015. No data has been collected since 2016.

## Limantour ( 24 )



**Figure 24:** Limantour (RDM plot 24) values 1990–2014. Data from 1990–2014 was collected using methods outlined in NPS 1990. No data has been collected since 2014.

## K Ranch Kehoe ( 25 )

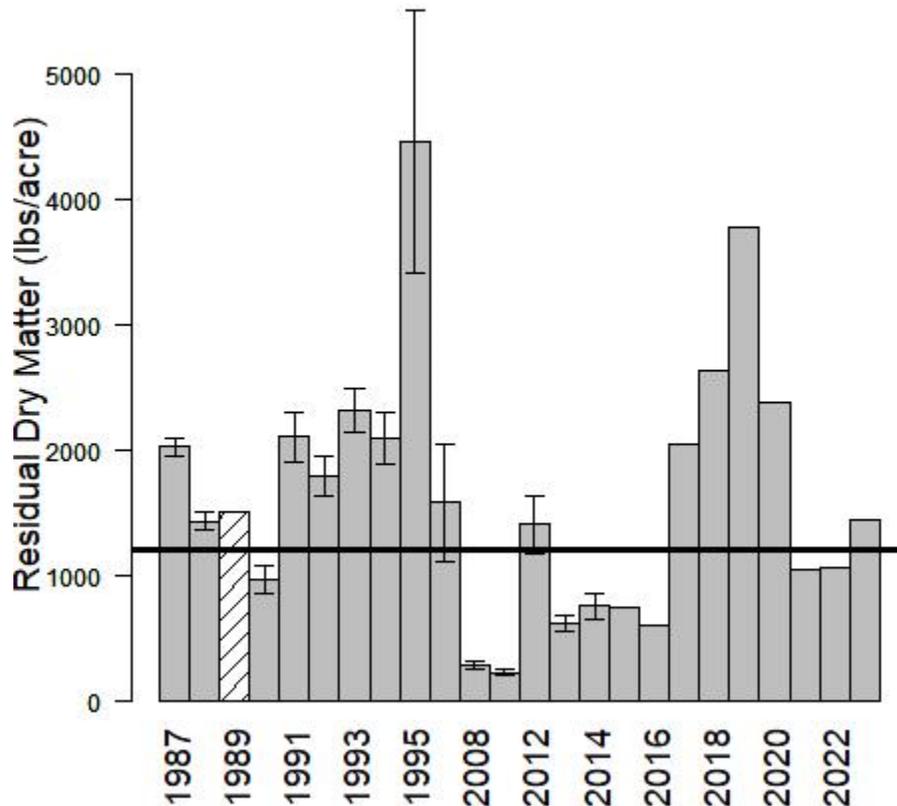


**Figure 25:** K Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>33</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>34</sup>. **This year's RDM value was 1630 lbs/acre.**

<sup>33</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>34</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## K Ranch Evans ( 26 )

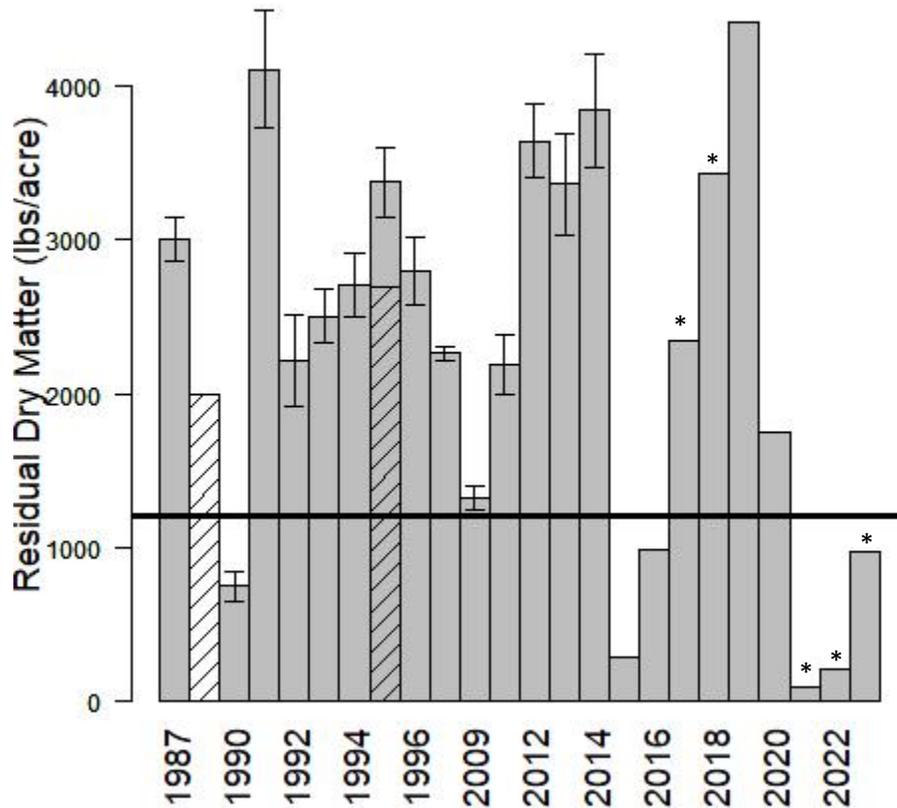


**Figure 26:** K Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>35</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>36</sup>. **This year's RDM value was 1443 lbs/acre.**

<sup>35</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>36</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Commonweal ( 27 )

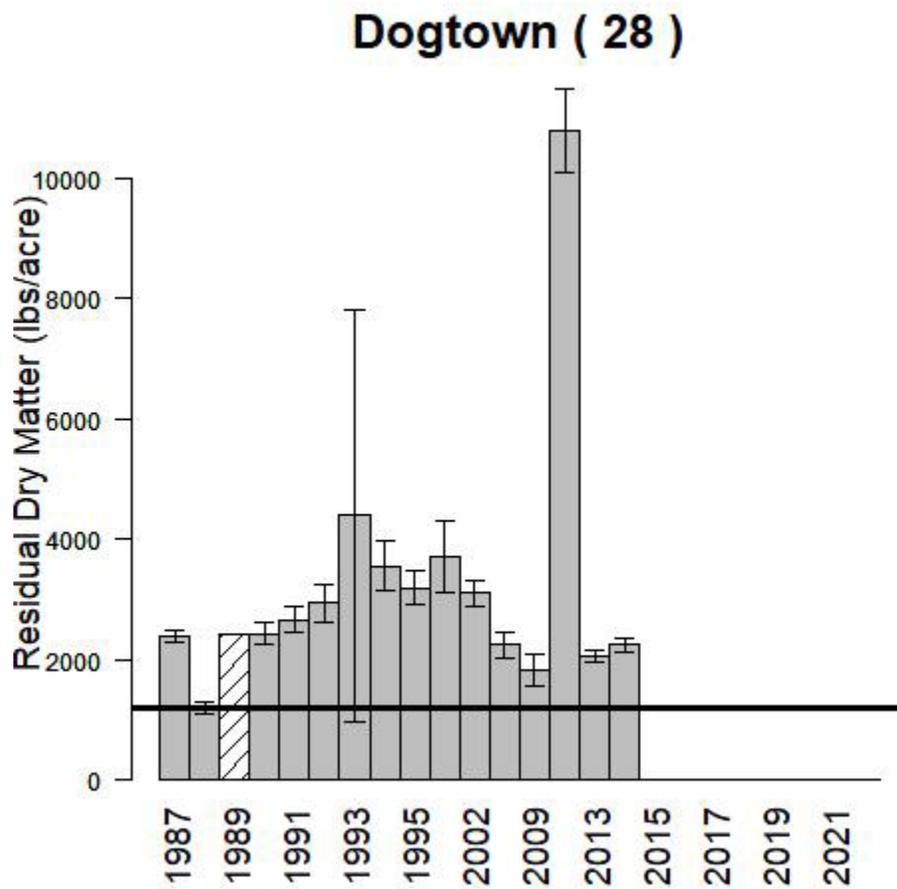


**Figure 27:** Commonweal South RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>37</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>38</sup>. **This year's RDM value was 977 lbs/acre.**

\* In 2017, 2018, and 2021 through 2023, onion grass (*Romulea rosea*) was estimated to be greater than 25% ground cover and removed from clipped samples to obtain the RDM results shown in Figure 27. Including onion grass in the 2023 result gives a total RDM of 2923 lbs/acre. This is approximately 67% of the total sample dry weight (1947 lbs/acre). In 2019-2020, onion grass was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported for 2019-2020 in Figure 27.

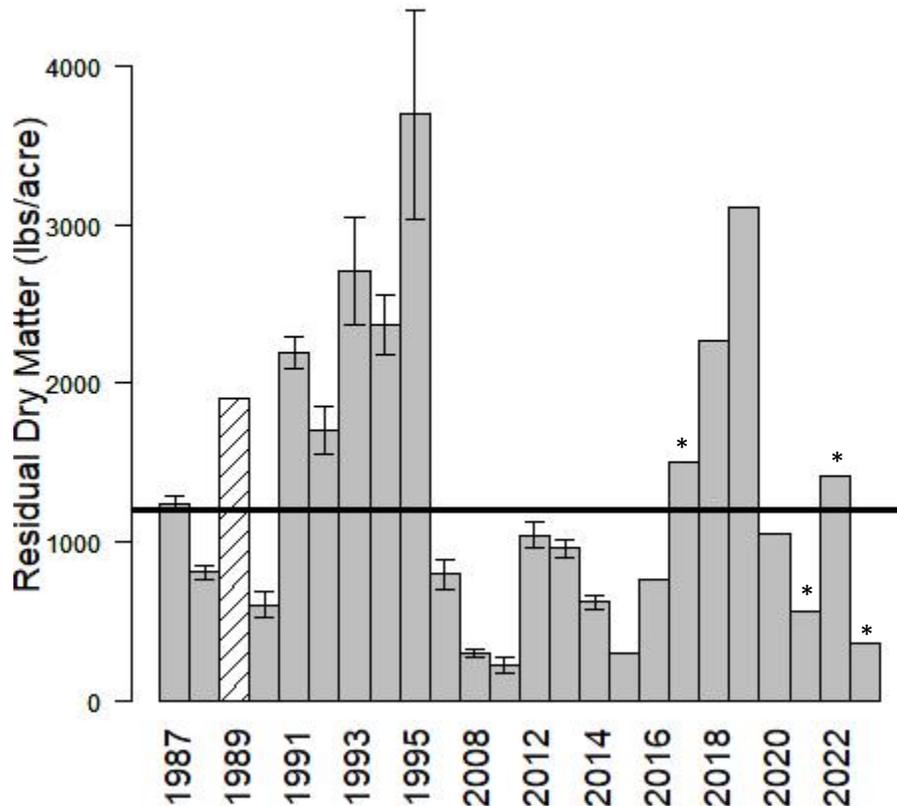
<sup>37</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>38</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



**Figure 28:** Dogtown (RDM plot 28) values 1987–2014. Data from 1987–2014 was collected using methods outlined in NPS 1990. No data has been collected since 2014.

## Home Ranch ( 29 )

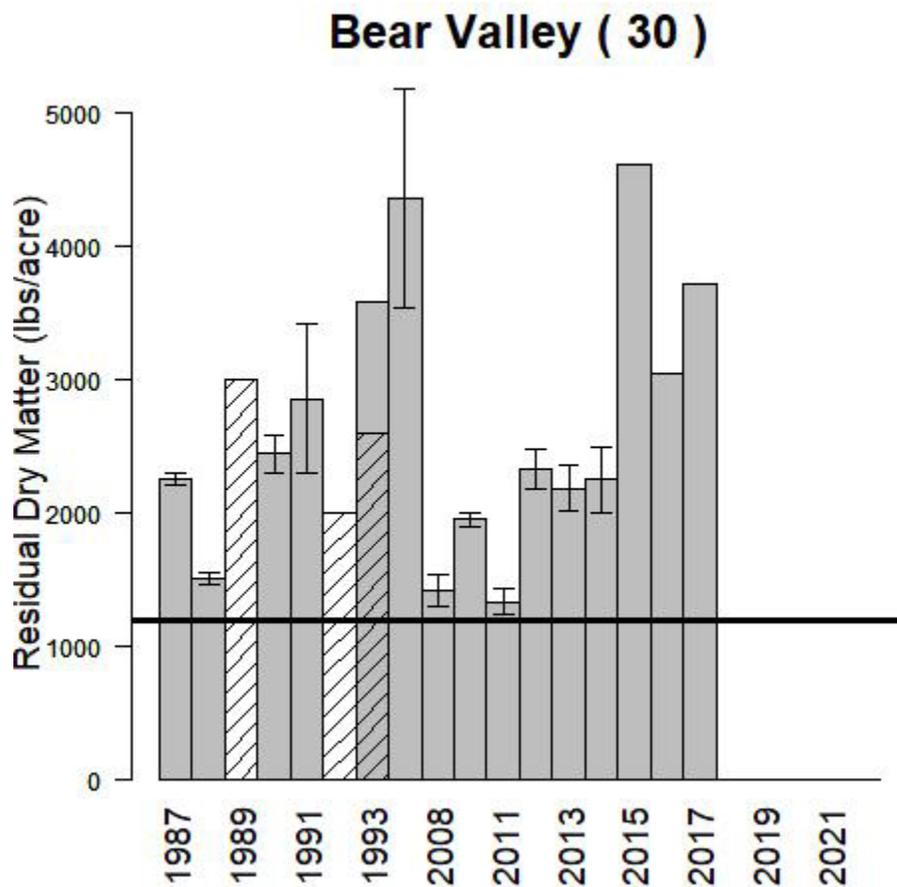


**Figure 29:** Home Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>39</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>40</sup>. **This year's RDM value was 367 lbs/acre.**

\*In 2017, and 2021 through 2023 onion grass (*Romulea rosea*) was estimated to be greater than 25% ground cover and removed from clipped samples to obtain the RDM result shown in Figure 29. Including onion grass in the 2023 result gives a total RDM of 2163 lbs/acre. This is approximately 83% of the sample dry weight (1797 lbs/acre). In 2018-2020, onion grass was detected at this site with visually estimated ground cover less than 25%, and therefore not removed from the dry weight reported in Figure 29.

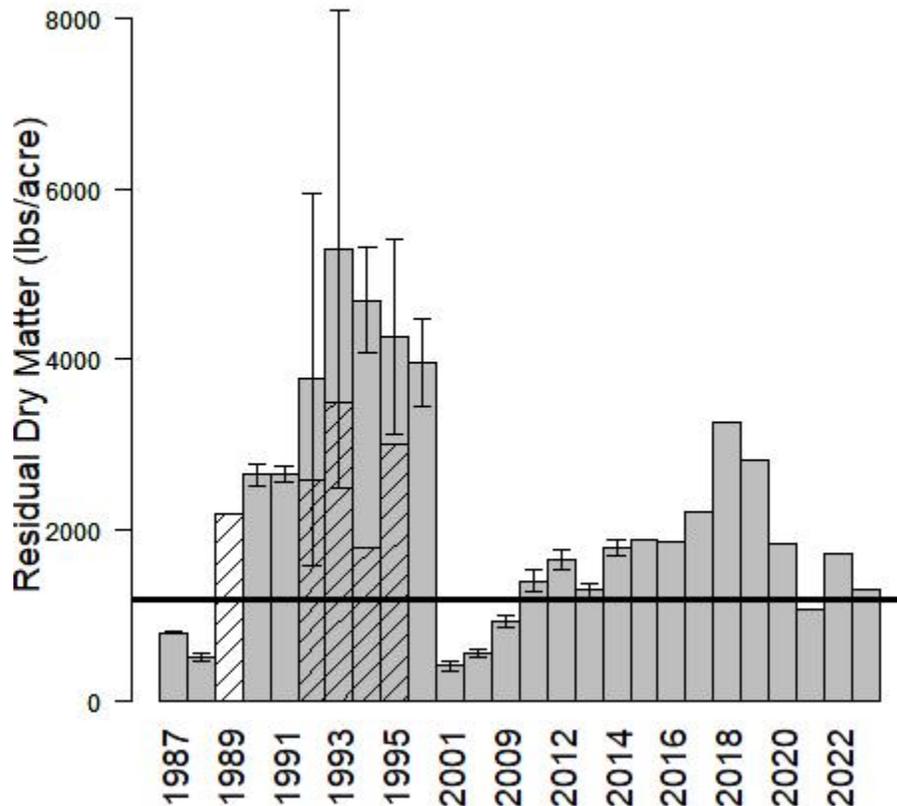
<sup>39</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>40</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



**Figure 30:** Bear Valley (RDM plot 30) values 1987–2017. Data from 1987–2014 was collected using methods outlined in NPS 1990. Data from 2015–2017 was collected using methods outlined in Bartolome et al. 2015. No data has been collected since 2017.

## Mclsaac West ( 31 )



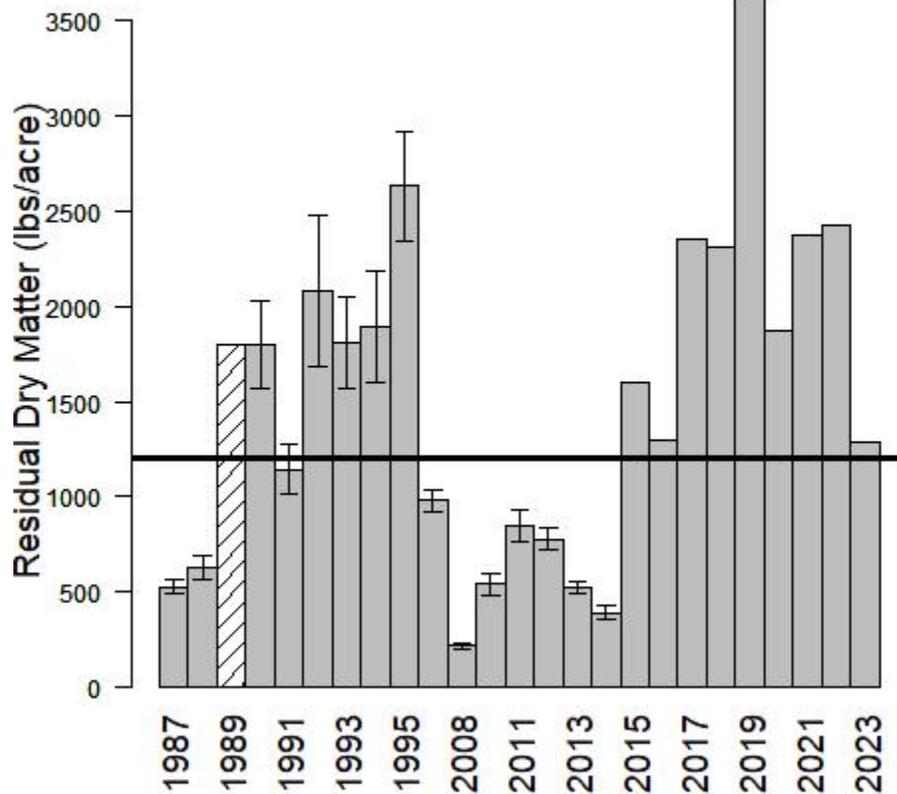
**Figure 31:** Mclsaac West RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>41</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>42</sup>. **This year's RDM value was 1317 lbs/acre.**

\*In 2021 and 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 31.

<sup>41</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>42</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Percy ( 32 )



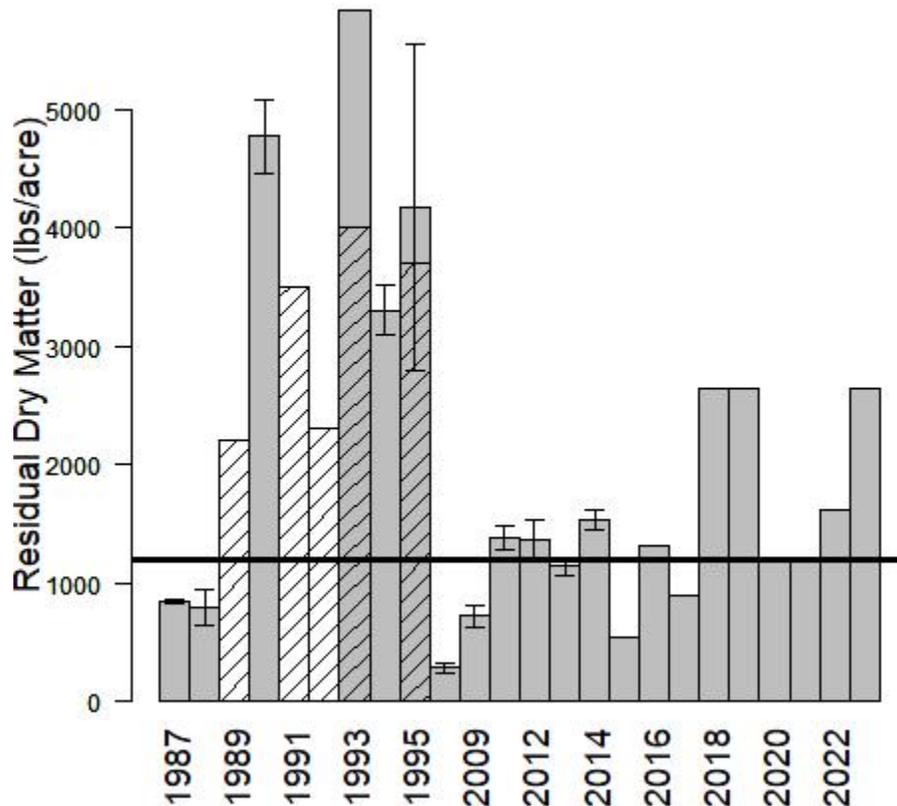
**Figure 32:** Percy Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>43</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>44</sup>. **This year's RDM value was 1290 lbs/acre.**

\*In 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 32.

<sup>43</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>44</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

### C Rogers ( 33 )



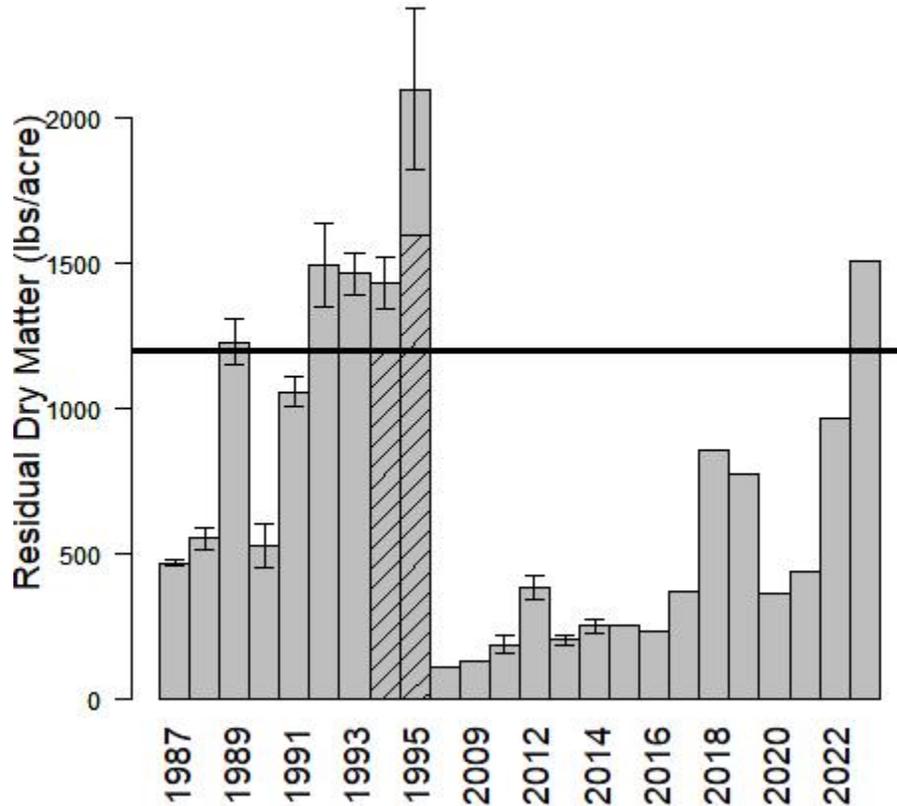
**Figure 33:** C. Rogers Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>45</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>46</sup>. **This year's RDM value was 2637 lbs/acre.**

\*In 2021 and 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 33.

<sup>45</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>46</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Cheda ( 34 )



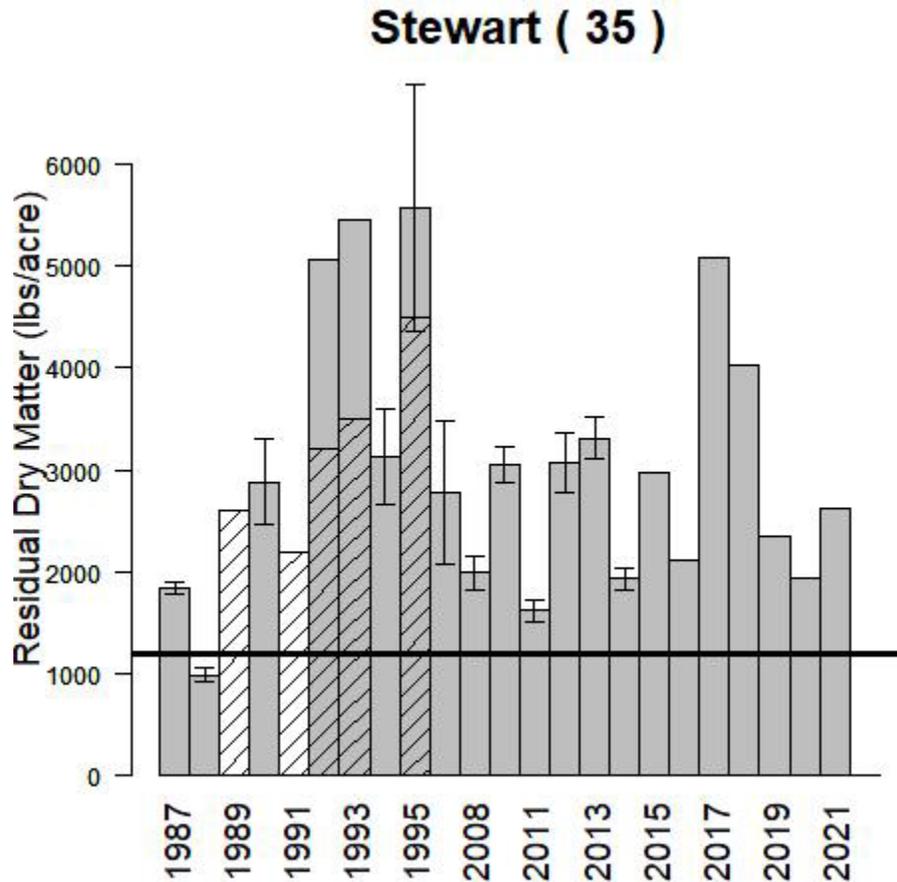
**Figure 34:** Cheda Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>47</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>48</sup>. **This year’s RDM value was 1507 lbs/acre.**

**Note:** Based on visual zone mapping, this transect has not been representative of RDM on other areas of Cheda Ranch. In 2018, a new test transect was established to better represent RDM conditions on the Cheda ranch based on the “key area” concept. Figure 54 shows the new transect RDM.

\*In 2022 and 2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 34.

<sup>47</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>48</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



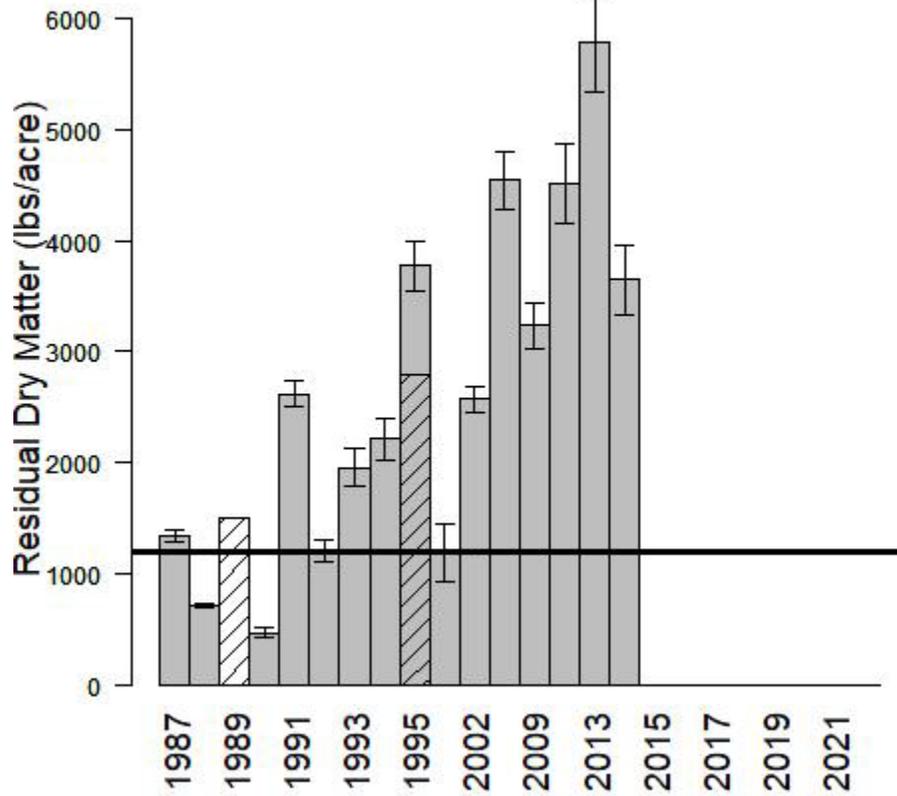
**Figure 35:** Stewart Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>49</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>50</sup>. No data has been collected since 2021.

\*In 2021, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 35.

<sup>49</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

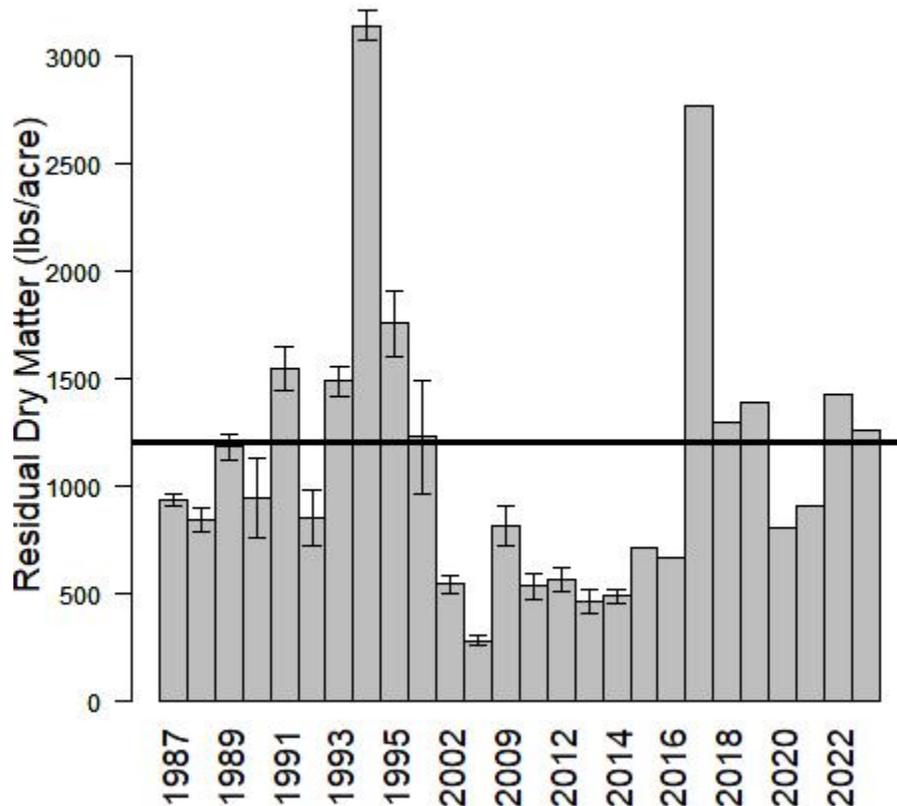
<sup>50</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

### Tacherra ( 36 )



**Figure 36:** Tacherra (RDM plot 36) values 1987–201. Data from 1987–2014 was collected using methods outlined in NPS 1990. No data has been collected since 2014.

## Zanardi ( 37 )



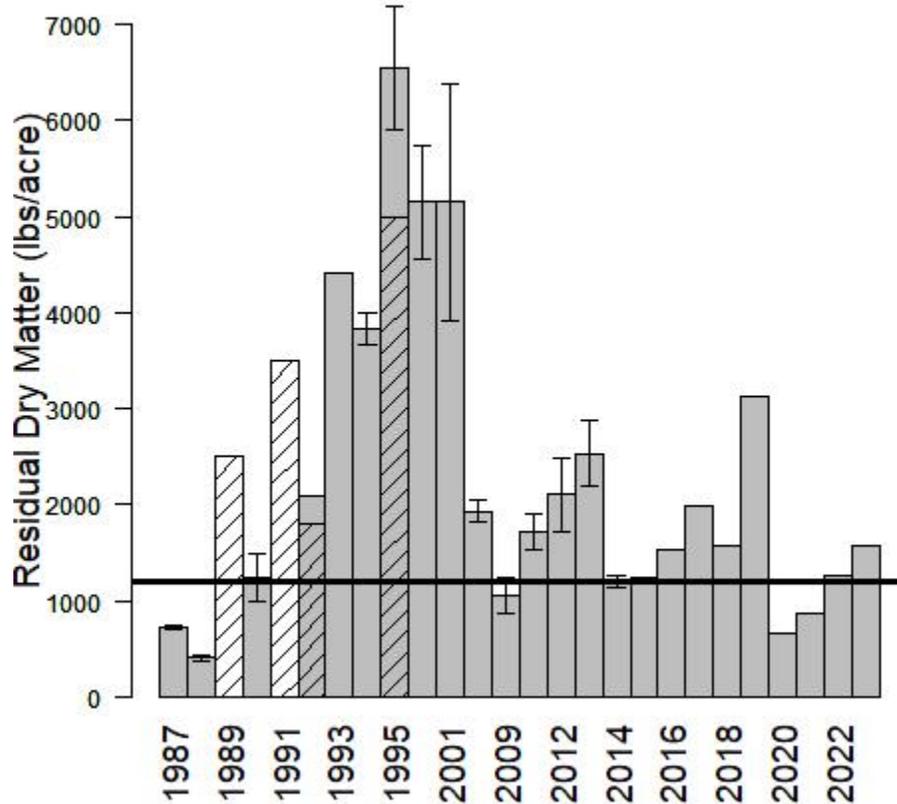
**Figure 37:** Zanardi Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>51</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>52</sup>. **This year's RDM value was 1260 lbs/acre.**

\*In 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 37.

National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>52</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Commonweal ( 38 )



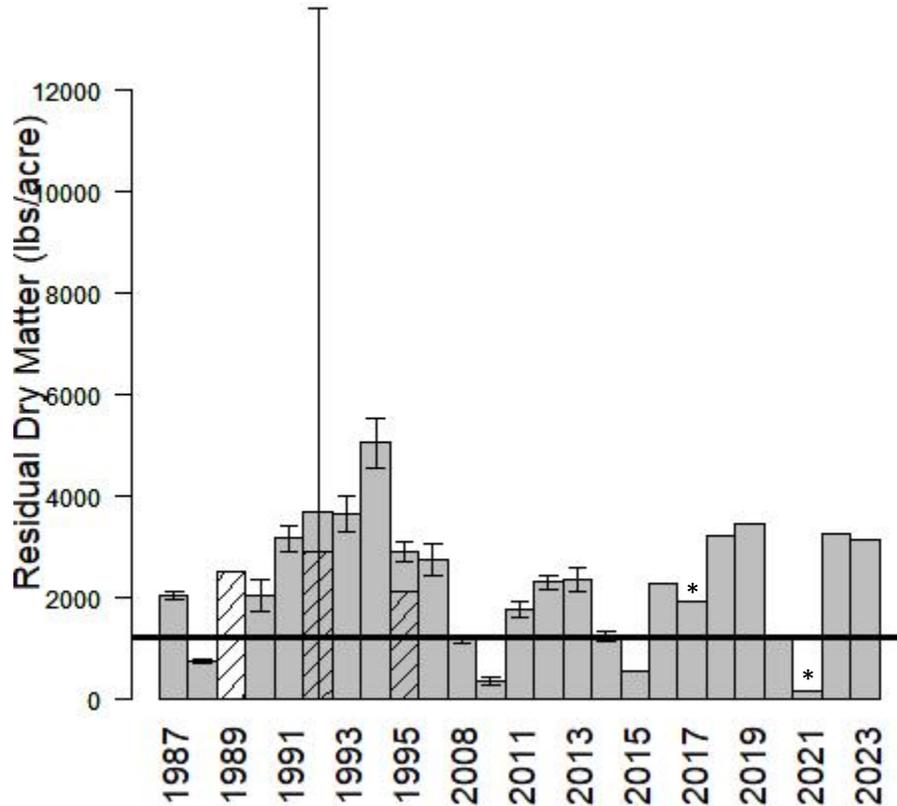
**Figure 38:** Commonweal North RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>53</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>54</sup>. **This year's RDM value was 1573 lbs/acre.**

\*In 2018-2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 38.

<sup>53</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>54</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Niman ( 39 )



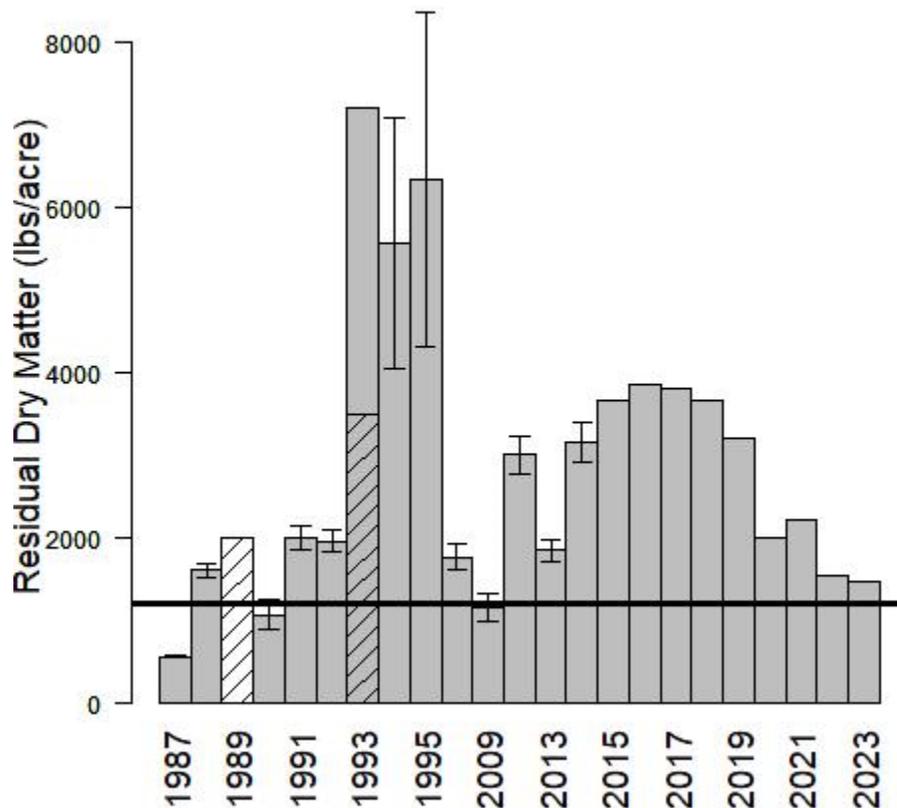
**Figure 39:** Niman Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>55</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>56</sup>. **This year's RDM value was 3130 lbs/acre.**

\* In 2018-2020, 2022, and 2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported for these years in Figure 39. In 2017 and 2021, onion grass was estimated to be greater than 25% ground cover and removed from clipped samples to obtain the RDM result reported for 2017 and 2021 in Figure 39.

<sup>55</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>56</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## A Ranch ( 40 )



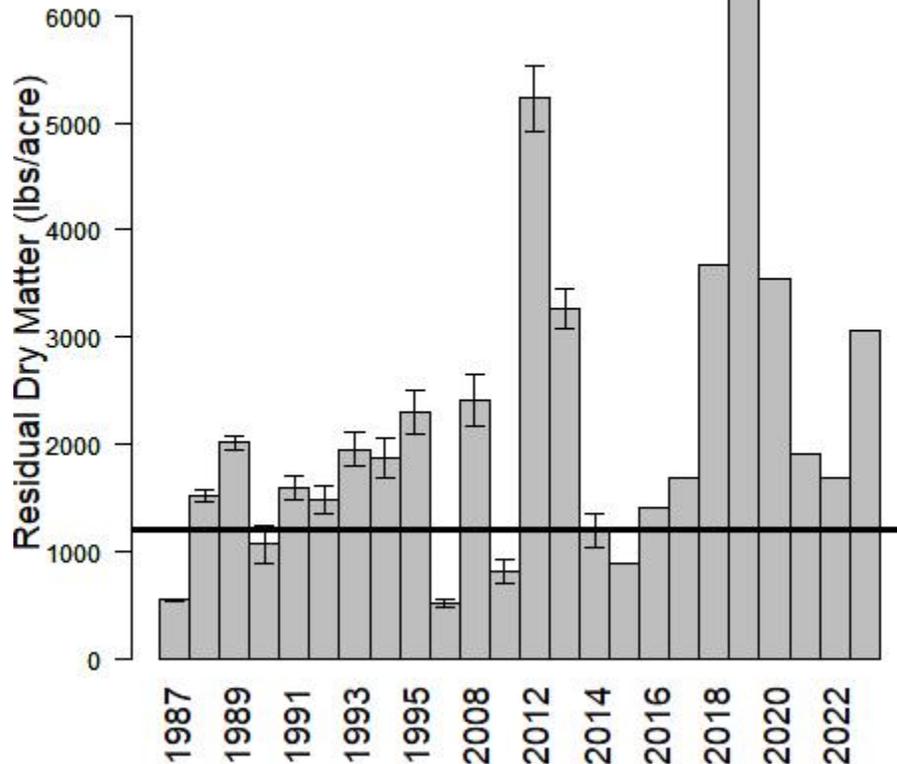
**Figure 40:** A Ranch (Transect 40) RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>57</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>58</sup>. **This year's RDM value was 1467 lbs/acre.**

\* In 2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 40.

<sup>57</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>58</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## E Ranch ( 41 )

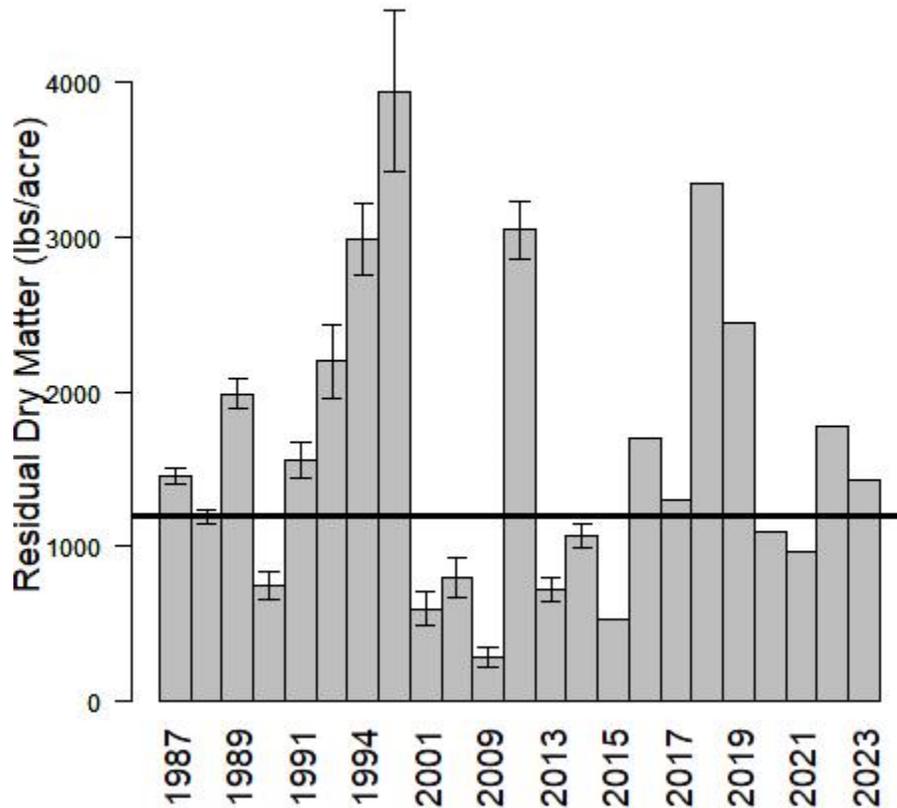


**Figure 41:** E Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>59</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>60</sup>. **This year's RDM value was 3063 lbs/acre.**

<sup>59</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>60</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## B Ranch ( 42 )

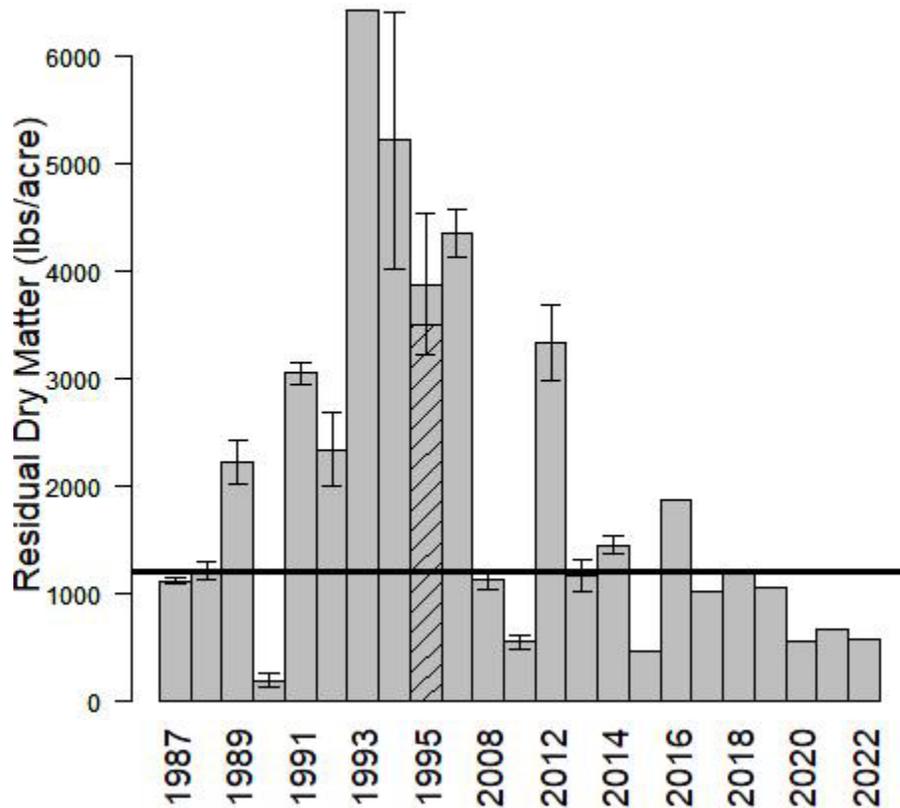


**Figure 42:** B Ranch RDM RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>61</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>62</sup>. **This year's RDM value was 1433 lbs/acre.**

<sup>61</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>62</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## D Ranch Nunes ( 43 )

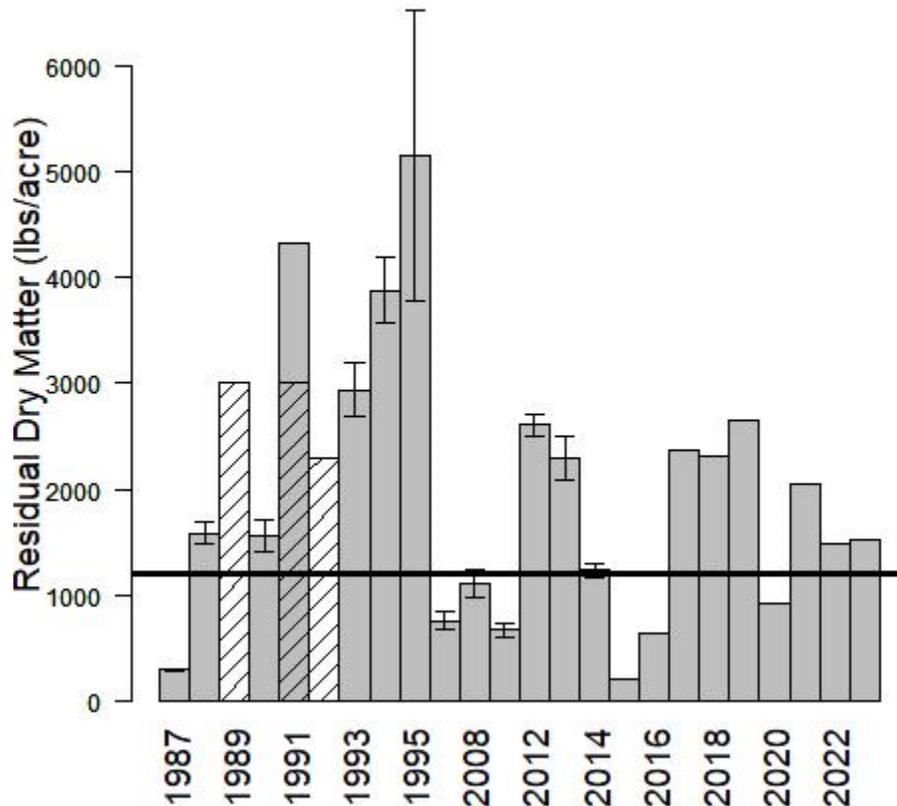


**Figure 43:** D Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>63</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>64</sup>. No data has been collected since 2022.

<sup>63</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>64</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## M Ranch ( 44 )

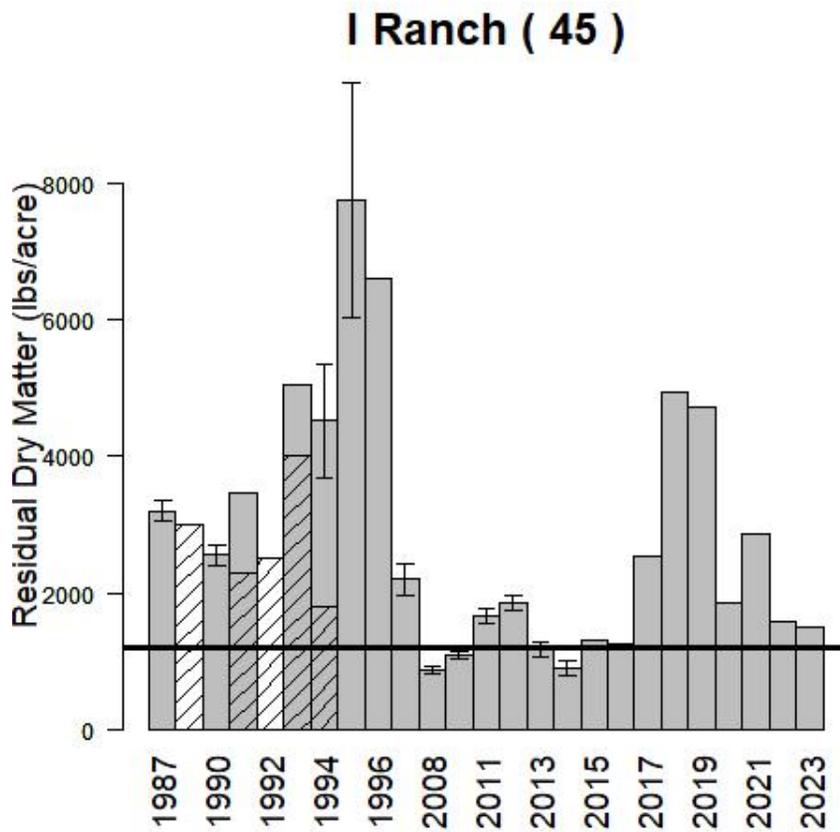


**Figure 44:** M Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>65</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>66</sup>. **This year's RDM value was 1513 lbs/acre.**

\*In 2018-2023, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 44.

<sup>65</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>66</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

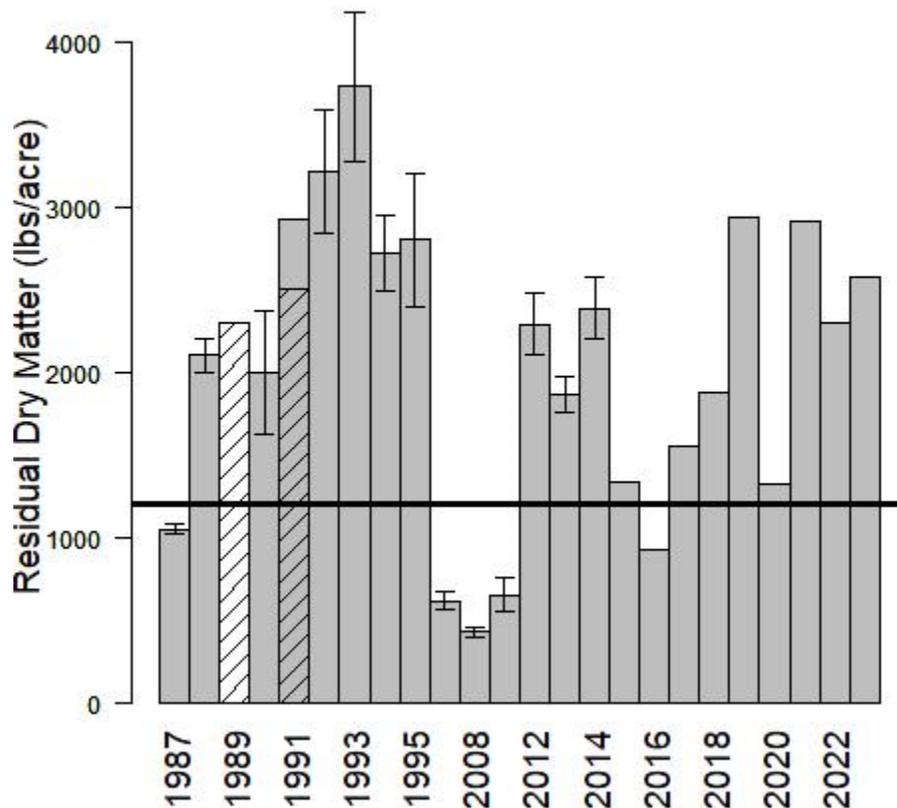


**Figure 45:** I Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>67</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>68</sup>. **This year's RDM value was 1497 lbs/acre.**

<sup>67</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>68</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## H Ranch ( 46 )

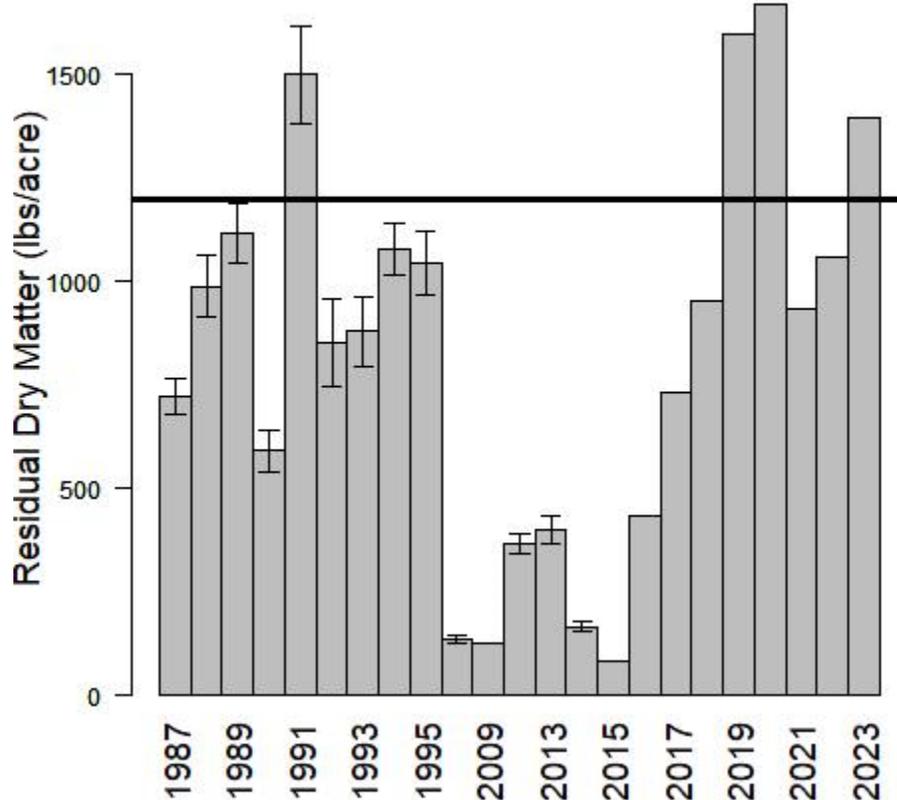


**Figure 46:** H Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>69</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>70</sup>. **This year's RDM value was 2580 lbs/acre.**

<sup>69</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>70</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## J Ranch West ( 47 )



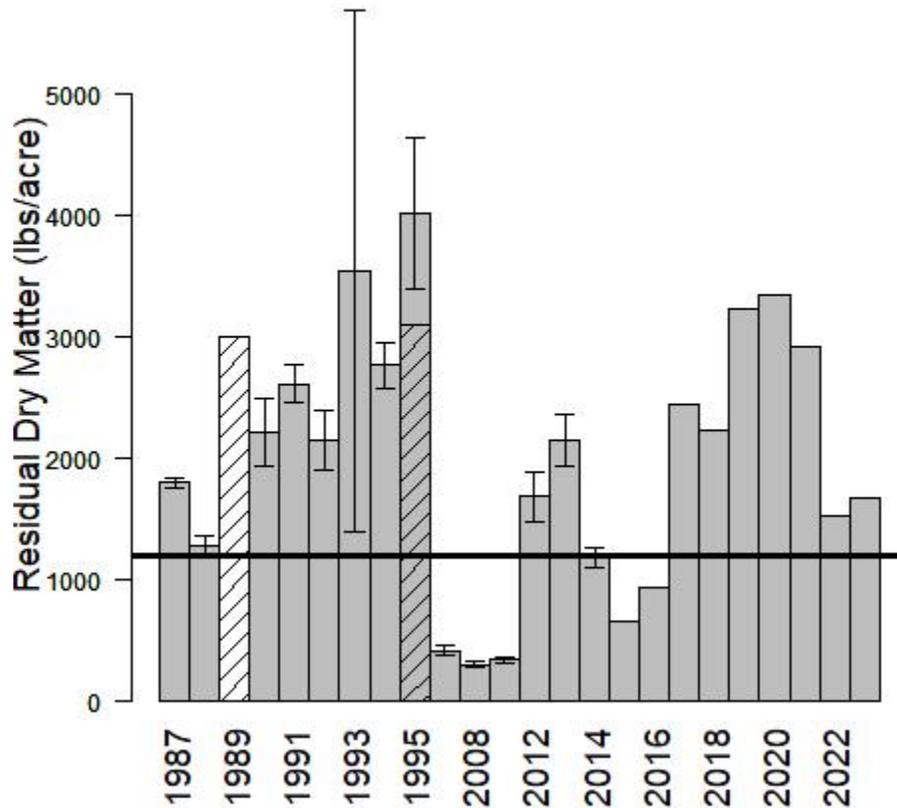
**Figure 47:** J Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>71</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>72</sup>. **This year's RDM value was 1397 lbs/acre.**

**Note:** Based on visual zone mapping, this transect is representative of a relatively small proportion of the mapped area of J Ranch.

<sup>71</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>72</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## D Rogers ( 48 )

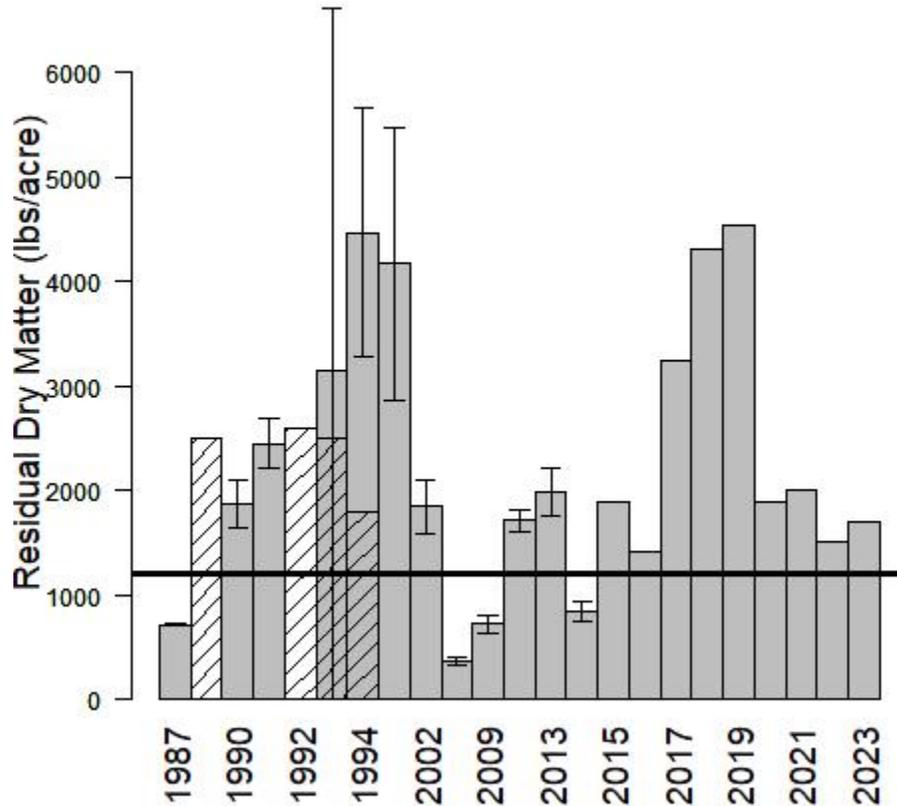


**Figure 48:** D. Rogers Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>73</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>74</sup>. **This year's RDM value was 1673 lbs/acre.**

<sup>73</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>74</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## L Ranch ( 49 )

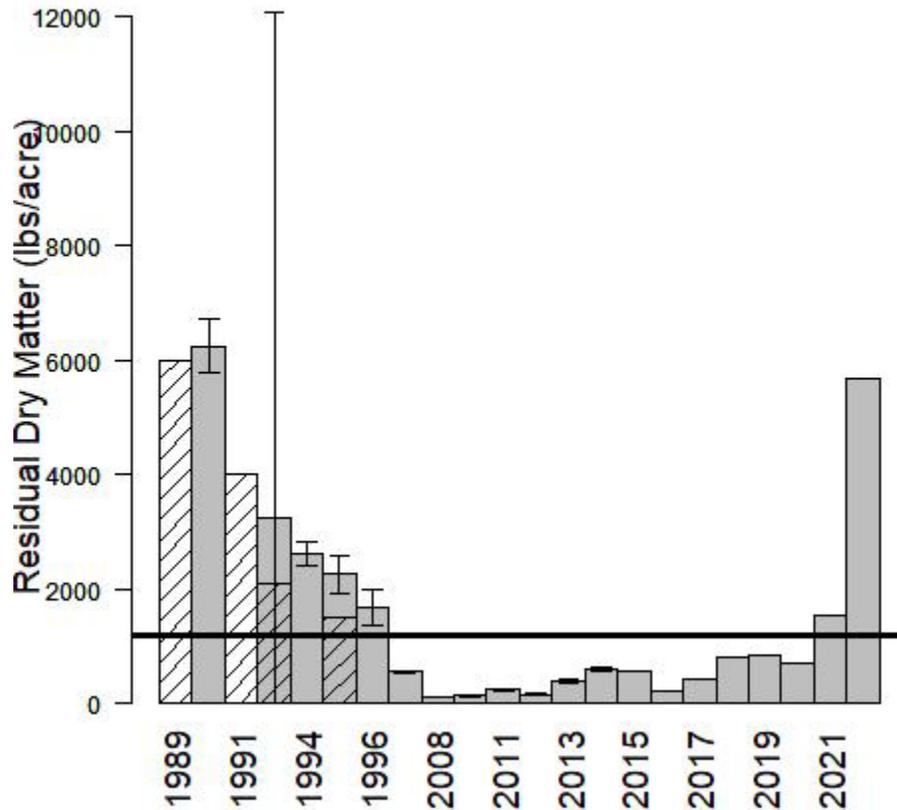


**Figure 49:** L Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>75</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>76</sup>. **This year's RDM value was 1703 lbs/acre.**

<sup>75</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>76</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Genazzi ( 50 )



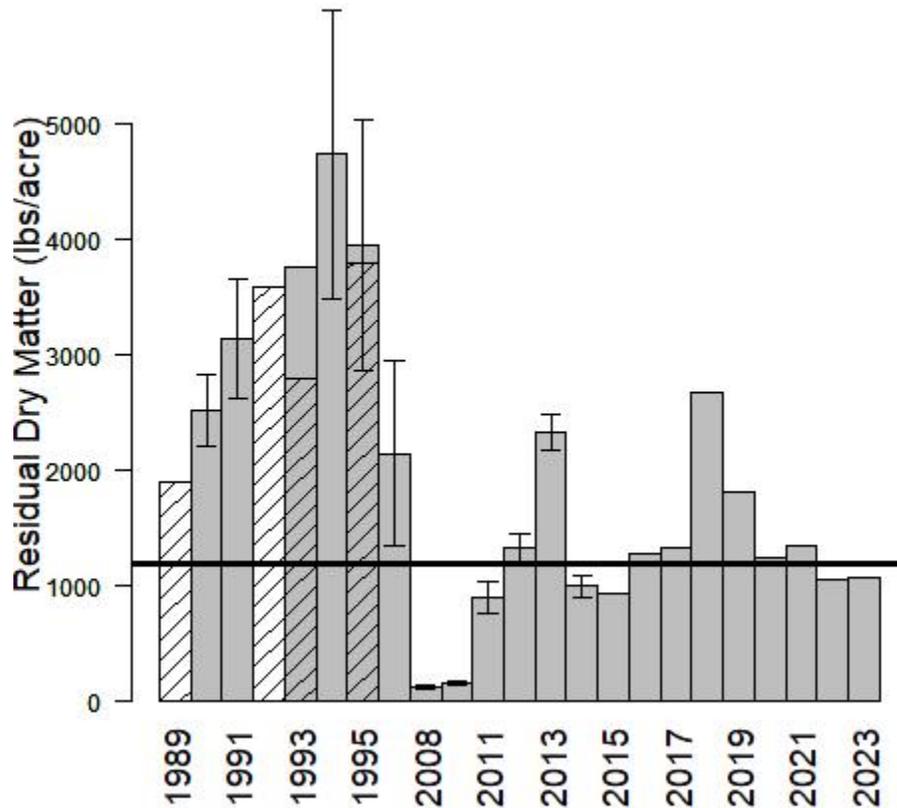
**Figure 50:** Genazzi Ranch RDM plot values 1989-present. Data from 1989-2014 was collected using methods outlined in NPS 1990<sup>77</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>78</sup>. No data has been collected since 2022.

**Note:** Genazzi Ranch has not been actively grazed since May of 2021.

<sup>77</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>78</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

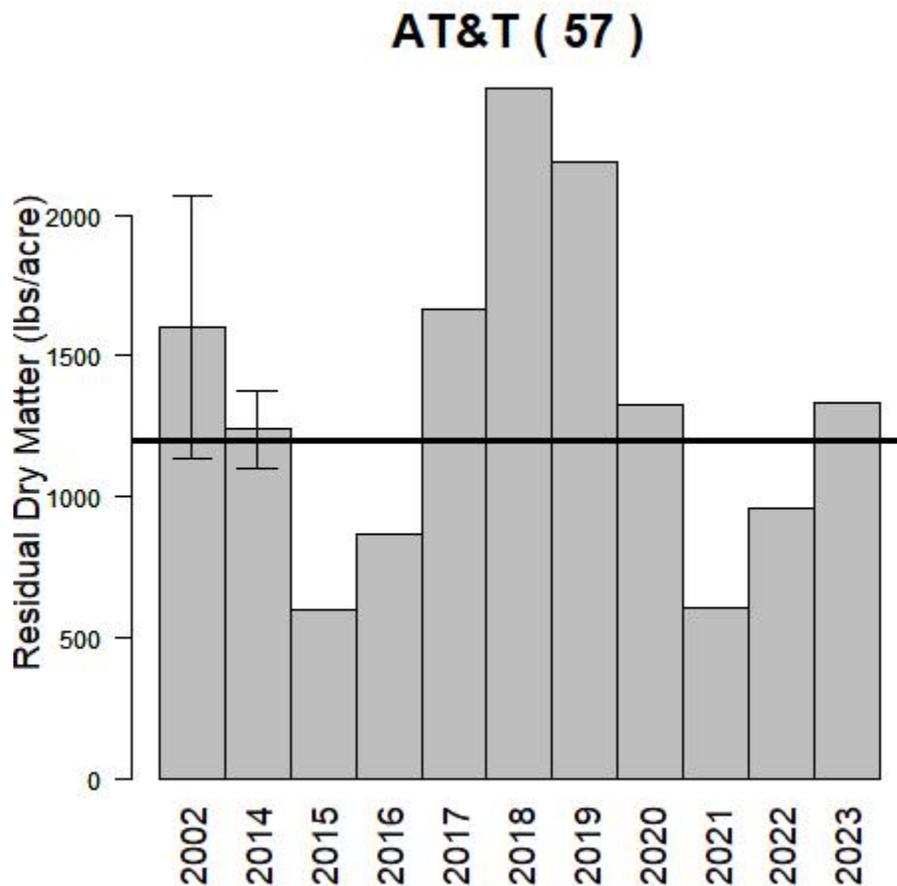
## McFadden ( 51 )



**Figure 51:** McFadden Ranch RDM plot values 1987-present. Data from 1987-2014 was collected using methods outlined in NPS 1990<sup>79</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>80</sup>. **This year's RDM value was 1063 lbs/acre.**

<sup>79</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>80</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.



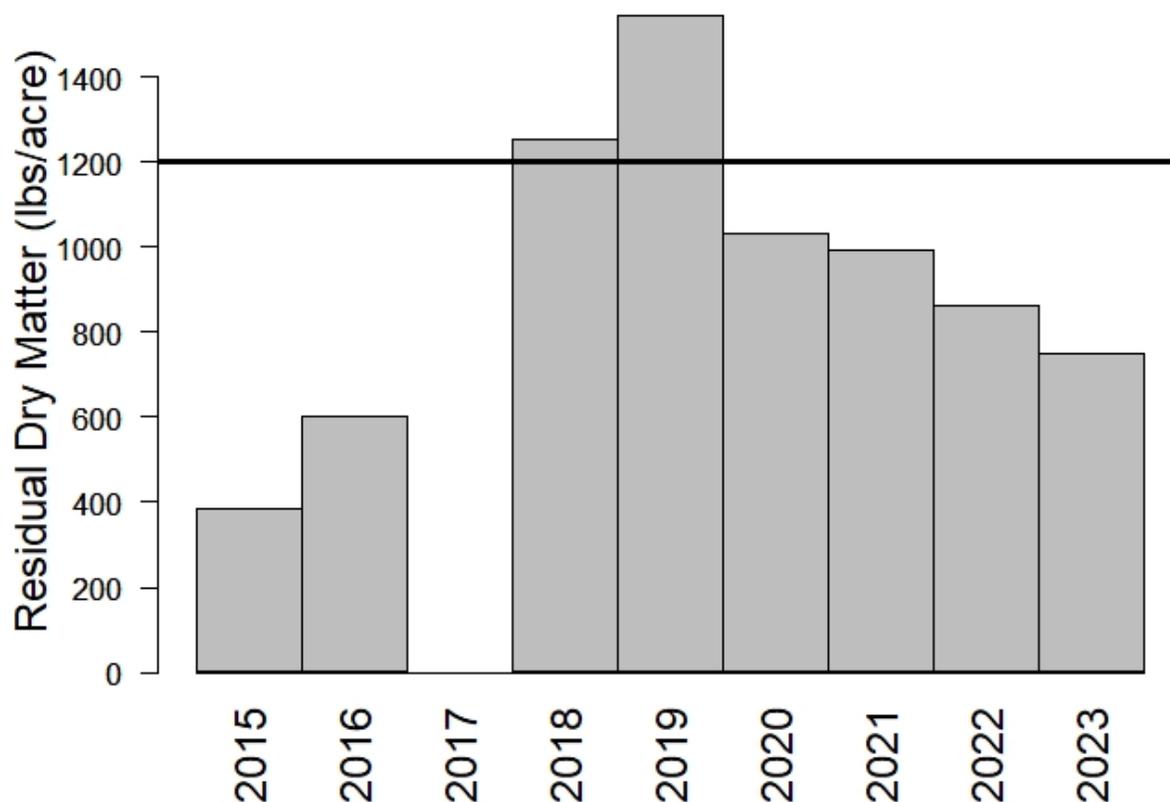
**Figure 52:** ATT Ranch RDM plot values 2002-present. Data from 2002-2014 was collected using methods outlined in NPS 1990<sup>81</sup>. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>82</sup>. **This year's RDM value was 1337 lbs/acre.**

**Note:** ATT was not grazed for a majority of the 2022 reporting period.

<sup>81</sup> National Park Service. 1990. Range Monitoring Handbook. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>82</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Mclsaac East ( 58 )

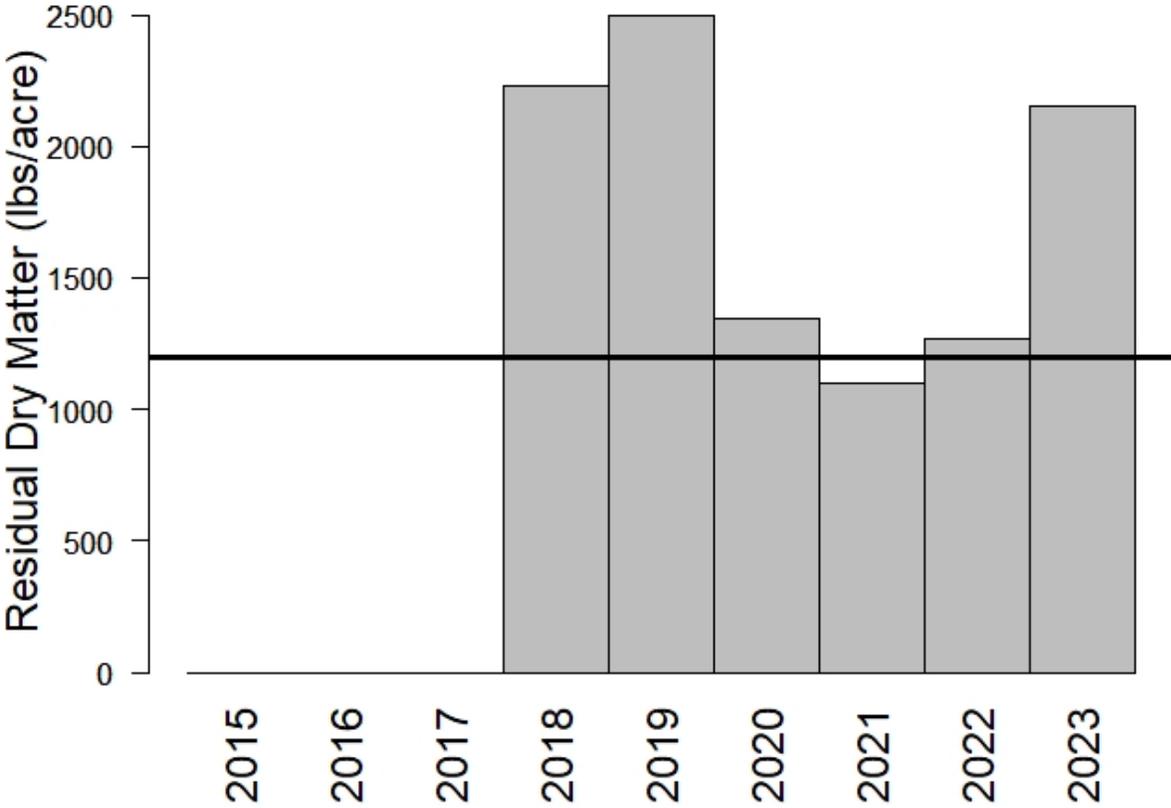


**Figure 53:** Mclsaac East RDM plot values 2015-present. This test plot was created in 2015 and was not sampled in 2017. Data from 2015-present was collected using methods outlined in Bartolome et al. 2015<sup>83</sup>. **This year's RDM value was 750 lbs/acre.**

\*In 2022, onion grass (*Romulea rosea*) was detected at this site with visually estimated ground cover less than 25%. Onion grass was not removed from the dry weight reported in Figure 53.

<sup>83</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

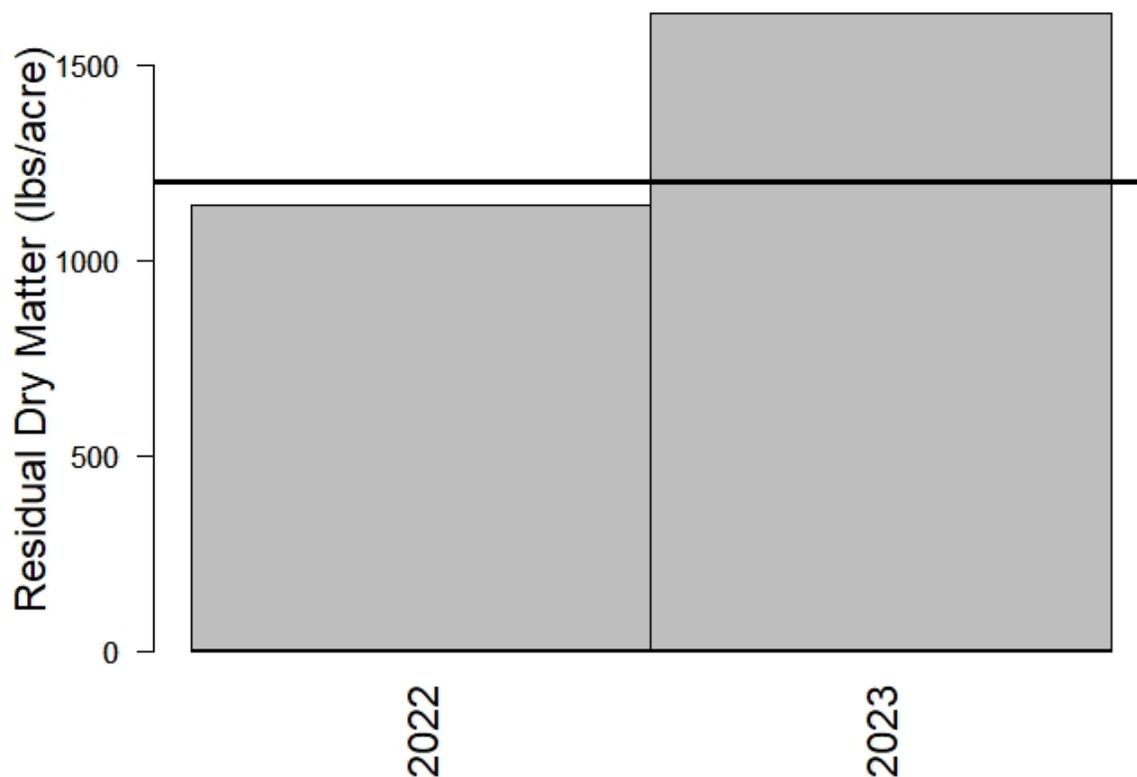
# Cheda Downhill ( 59 )



**Figure 54:** Cheda Ranch new RDM plot values 2018-present. Data was collected using methods outlined in Bartolome et al. 2015<sup>84</sup>. **This year’s RDM value was 2153 lbs/acre.**

<sup>84</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

## Zanardi Alternate ( 61 )



**Figure 55:** Zanardi Ranch exploratory RDM plot values for 2022-2023. Data was collected using methods outlined in Bartolome et al. 2015<sup>85</sup>. **The RDM value was 1630 lbs/acre.**

<sup>85</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. 1987-2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.

**Sources Cited:**

<sup>1</sup> National Park Service. 1990. *Range Monitoring Handbook*. Point Reyes National Seashore. U.S. Department of Interior. December 1990. 48pp.

<sup>2</sup> Bartolome, J., M. Hammond, P. Hopkinson, and F. Ratcliff. 2015. *1987–2014 Residual Dry Matter Analysis Report and Updated Rangeland Monitoring Guidelines for Livestock Grazed Grasslands within Point Reyes National Seashore and Golden Gate National Recreation Area*. Point Reyes National Seashore (PORE) Project Phase 1: CESU Task Agreement #P11AC91045. August 30, 2015. 27pp with appendices.