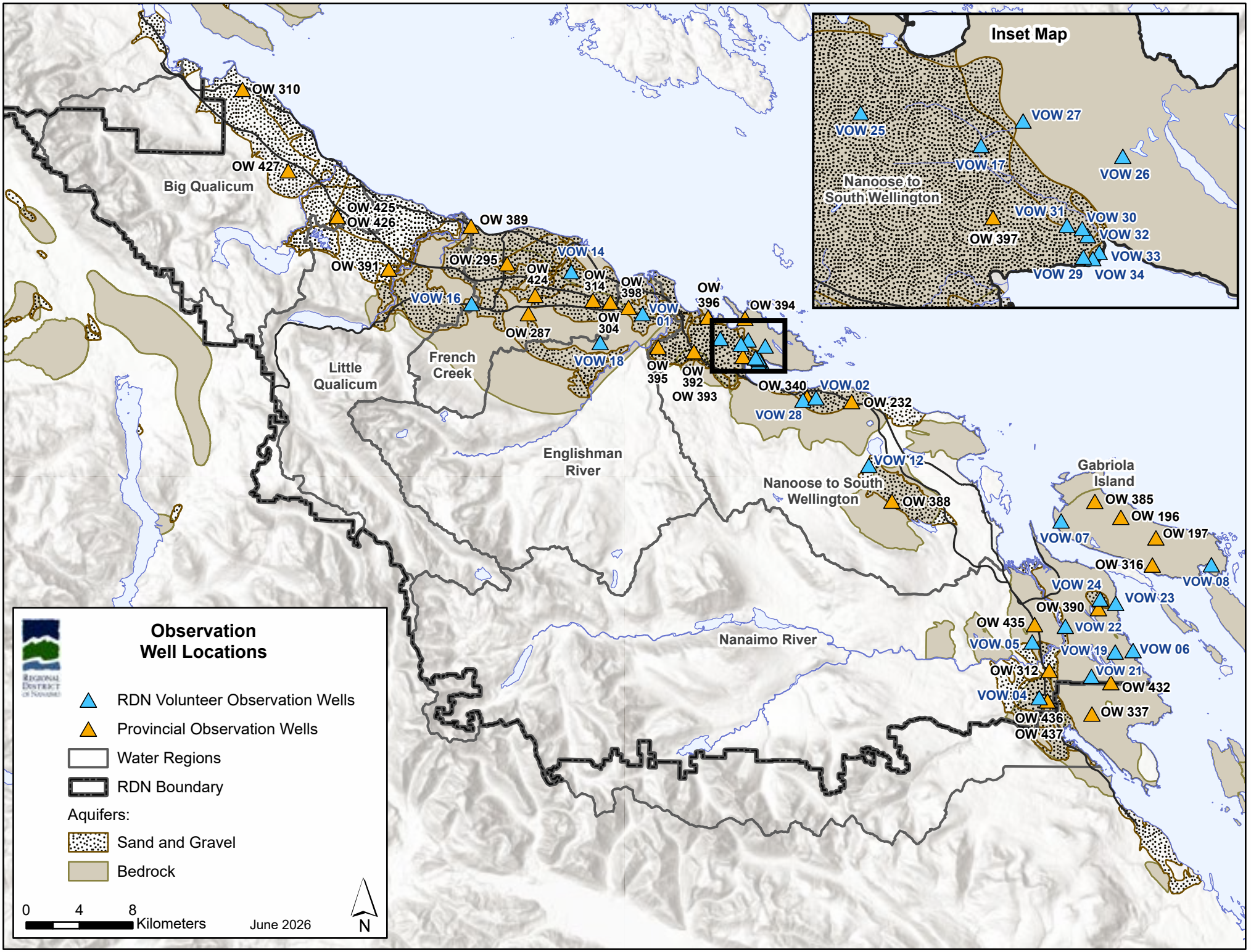
Figure 1 – Groundwater Monitoring Well Locations


Inset Map
VOW 25
VOW 27
VOW 17
VOW 26
Nanoose to South Wellington
VOW 31
VOW 30
VOW 32
OW 397
VOW 33
VOW 29
VOW 34
OW 310
OW 427
Big Qualicum
OW 425
OW 426
OW 389
OW 391
OW 295
VOW 14
OW 424
OW 314
OW 398
VOW 16
OW 396
OW 394
VOW 01
OW 304
OW 287
VOW 18
Little Qualicum
French Creek
OW 395
OW 392
OW 393
OW 340
VOW 02
OW 232
VOW 28
Englishman River
VOW 12
Nanoose to South Wellington
OW 388
Gabriola Island
OW 385
OW 196
OW 197
VOW 07
OW 316
VOW 08
VOW 24
VOW 23
OW 390
OW 435
VOW 22
VOW 05
VOW 19
VOW 06
Nanaimo River
OW 312
VOW 21
OW 432
VOW 04
OW 337
OW 436
OW 437
Observation Well Locations
RDN Volunteer Observation Wells
Provincial Observation Wells
Water Regions
RDN Boundary
Aquifers:
Sand and Gravel
Bedrock
0
4
8
Kilometers
June 2026
N

Appendix A – Summary of Groundwater Monitoring Well Data 2026

Table A1: Groundwater Monitoring Well Data in the Regional District of Nanaimo

RDN Water Region	Aquifer Number and Type[1]	Observation Well Number*		Historical Groundwater Level Trend	Seasonal Groundwater Level Trend	Groundwater Level Hydrograph	Water Service Wells Correlated to Aquifer (2020)	Registered Wells Correlated to Aquifer (2026)[2]
		Provincial Sites (2026)	RDN Sites (2026)					
WR1 - Big Qualicum	416-Surficial (CON)	OW 310, OW 427	-	Stable to Decreasing	Much Below Normal	FIGURES 1-B, 1-C, 2-B, 2-C	Deep Bay Improvement District - 7 wells Bowser Waterworks District - 4 wells	61
WR2 - Little Qualicum	662-Surficial (CON)	OW 425, OW 426	-	Stable to Decreasing	Much Below Normal	FIGURES 3-B, 3-C, 4-B, 4-C, 5-B, 5-C	Qualicum Bay Horne Lake Waterworks District - 3 wells	242
		OW 391	-					
	664-Surficial (UNC)	OW 389	-	Stable	Much Below Normal	FIGURES 6-B, 6-C	Town of Qualicum Beach - 9 Wells Regional District of Nanaimo - 2 Wells Small Water Systems - 1 Well	47
WR3 - French Creek	212-Bedrock	-	VOW 15	Increasing	Much Above Normal	FIGURES 7-B, 7-C	Small Water Systems - 1 Well	32
	217-Surficial (CON)	OW 295, OW 434	VOW 16	Stable	Much Below Normal	FIGURES 12-B, 12-C, 13-B, 13-C	Town of Qualicum Beach - 6 Wells EPCOR Utilities - 1 Well Small Water Systems - 12 Wells	142
	1250-Surficial (CON)	OW 424	-	Stable	Much Below Normal	FIGURES 15-B, 15-C	Regional District of Nanaimo - 7 Wells	76
WR3 - French Creek	216-Surficial (CON)	OW 304 , OW 314, OW 398	VOW 14	Increasing	Normal	FIGURES 8-B, 8-C, 9-B, 9-C, 10-B, 10-C, 11-B, 11-C, 16-B, 16-C	City of Parksville - 20 Wells EPCOR Utilities - 5 Wells Small Water Systems - 6 Wells	226
WR4 - Englishman River		-	VOW 01					
WR3 - French Creek	220-Bedrock	OW 287	-	Variable	Below Normal	FIGURES 14-B, 14-C, 18-B, 18-C	BC Parks - Vancouver Island Region - 1 Well Small Water Systems - 7 Wells	328
WR4 - Englishman River		-	VOW18					
WR5 - Nanoose to South Wellington	219 - Surficial (CON)	OW 395	-	Variable	Much Below Normal	FIGURES 17-B, 17-C, 35-B, 35-C, 36-B, 36-C, 37-B, 37-C	Regional District of Nanaimo - 9 Wells EPCOR Utilities - 1 Well Small Water Systems - 9 Wells	33
		OW 393, OW 396	VOW 25					
	167-Surficial (CON)	-	VOW 12	Increasing	Normal	FIGURES 19-B, 19-C	Small Water Systems - 2 Wells	18
	211-Bedrock	OW 388	-	Large Decline	Much Below Normal	FIGURES 20-B, 20-C	Small Water Systems - 2 Wells	215
	213-Bedrock	-	VOW 02, VOW 03, VOW 13	Increasing	Below Normal	FIGURES 21-B, 21-C, 22-B, 22-C, 23-B, 23-C	Small Water Systems - 14 Wells	132
	214-Bedrock	-	VOW 30, VOW 31, VOW 32, VOW 33, VOW 34	Variable	Below Normal	FIGURES 24-B, 24-C, 25-B, 25-C, 26-B, 26-C, 27-B, 27-C, 28-B, 28-C	Regional District of Nanaimo - 1 Well Small Water Systems - 3 Wells	42
	215-Surficial (CON)	OW 232, OW 340	VOW 28	Variable	Below Normal	FIGURES 29-B, 29-C, 30-B, 30-C, 31-B, 31-C	District of Lantzville - 7 Wells Nanoose First Nation - 3 Wells Small Water Systems - 5 Wells	143
	218-Bedrock	OW 394	VOW 26, VOW 27	Stable to Decreasing	Much Below Normal	FIGURES , 32-B, 32-C, 33-B, 33-C, 34-B, 34-C	Regional District of Nanaimo - 2 Wells Small Water Systems - 5 Wells	42
	1098-Surficial (CON)	OW 392, OW 397	VOW 17, VOW 29	Increasing	Normal	FIGURES 38-B, 38-C, 39-B, 39-C, 40-B, 40-C, 41-B, 41-C	Qualicum School District - 2 Wells Regional District of Nanaimo - 14 Wells Small Water Systems - 1 Well	174
WR6 - Nanaimo River	160-Surficial (CON)	OW 436	VOW 04	Stable to Decreasing	Much Below Normal	FIGURES 42-B, 42-C, 43-B, 43-C	Small Water Systems - 1 Well	38
	161-Surficial (UNC)	OW 312, OW 437	-	Stable to Decreasing	Normal	FIGURES 44-B, 44-C, 45-B, 45-C	Small Water Systems - 2 Wells	211
	162-Bedrock	OW 337, OW 390, OW 432	VOW 06, VOW 19, VOW21, VOW 22, VOW 23	Variable	Below Normal	FIGURES 46-B, 46-C, 47-B, 47-C, 48-B, 48-C, 49-B, 49-C, 50-B, 50-C, 51-B, 51-C, 52-B, 52-C, 53-B, 53-C	Regional District of Nanaimo - 1 Well Chemainus First Nation - 6 Wells Shell Beach Water Utility - 4 Wells Small Water Systems - 21 Wells	1238
	163-Surficial (CON)	-	VOW 24	Stable	Much Below Normal	FIGURES 54-B, 54-C	None	17
	165-Bedrock	OW 435	VOW 05	Increasing	Normal	FIGURES 55-B, 55-C, 56-B, 56-C	Small Water Systems - 5 Wells	327
WR7 - Gabriola	709-Bedrock	OW 196, OW 197, OW 316, OW 385	VOW 07, VOW 08	Variable	Below Normal	FIGURES 57-B, 57-C, 58-B, 58-C, 59-B, 59-C, 60-B, 60-C, 61-B, 62-C, 62-B, 62-C, 63-B, 63-C	Small Water Systems - 9 Wells	1042

** Observation well number is intentionally left blank when no data is available. [1] CON indicates surficial aquifer is confined; UNC indicates surficial aquifer is unconfined. [2] The total number of registered wells, including private domestic wells, correlated to an aquifer were obtained from the Provincial GWELLS aquifer database (BC MoE, 2026).*

Appendix B – Historical Groundwater Level Results 2013-2026

Table B1: Historical Long-Term Groundwater Level Results 2026

RDN Water Region	Aquifer Number	Aquifer Type	Observation Well Number	Dataset Range	Trend Slope	Trend Result (m per Year)	Historical Groundwater Level Hydrograph	Historical Groundwater Level Trend
WR1 - Big Qualicum	416	Surficial	OW 310	2013 - 2026	0.000121407	0.044313543	FIGURE 1-B	Moderate Decline
			OW 427	2013 - 2026	0.000022918	0.008364942	FIGURE 2-B	Stable
	662	Surficial	OW 425	2013 - 2026	0.000238959	0.087220103	FIGURE 3-B	Moderate Decline
			OW 426	2013 - 2026	0.000004689	0.001711648	FIGURE 4-B	Stable
WR2 - Little Qualicum			OW 391	2013 - 2026	0.000100902	0.036829315	FIGURE 5-B	Moderate Decline
	664	Surficial	OW 389	2013 - 2026	-0.000021450	-0.007829124	FIGURE 6-B	Stable
WR3 - French Creek	212	Bedrock	VOW 15	2017 - 2026	-0.000409666	-0.149528117	FIGURE 7-B	Increasing
	217	Surficial	OW 295	2013 - 2026	-0.000099893	-0.036460940	FIGURE 12-B	Increasing
			OW 434	2017 - 2026	0.000067947	0.024800494	FIGURE 13-B	Stable
			VOW 16	2013 - 2026	0.000658524	0.240361318	FIGURE 14-B	Large Decline
	1250	Surficial	OW 424	2013 - 2026	0.000040269	0.014698136	FIGURE 15-B	Stable
	216	Surficial	OW 304	2013 - 2026	-0.001171924	-0.427752338	FIGURE 8-B	Increasing
			OW 314	2013 - 2026	-0.000388258	-0.141714137	FIGURE 9-B	Increasing
			OW 398	2013 - 2026	-0.000461504	-0.168448975	FIGURE 10-B	Increasing
			VOW 14	2017 - 2026	-0.000023271	-0.008493912	FIGURE 11-B	Stable
WR4 - Englishman			VOW 01	2013 - 2026	-0.000095494	-0.034855204	FIGURE 16-B	Increasing
WR3 - French Creek	220	Bedrock	OW 287	2013 - 2026	0.000658524	0.240361318	FIGURE 14-B	Large Decline
WR4 - Englishman River			VOW 18	2017 - 2026	-0.000095029	-0.034685546	FIGURE 18-B	Increasing
WR5 - Nanoose to South Wellington	219	Surficial	OW 395	2013 - 2026	0.000236016	0.086145775	FIGURE 17-B	Moderate Decline
			OW 393	2013 - 2026	-0.000029541	-0.010782496	FIGURE 35-B	Stable
			OW 396	2013 - 2026	-0.000023497	-0.008576291	FIGURE 36-B	Stable
			VOW 25	2017 - 2026	-0.000240028	-0.087610294	FIGURE 37-B	Increasing
	167	Surficial	VOW 12	2016 - 2026	-0.000090797	-0.033140761	FIGURE 19-B	Increasing
	211	Bedrock	OW 388	2013 - 2026	0.001937363	0.707137366	FIGURE 20-B	Large Decline
	213	Bedrock	VOW 02	2013 - 2026	-0.000150691	-0.055002296	FIGURE 21-B	Increasing
			VOW 03	2013 - 2026	-0.000726674	-0.265236084	FIGURE 22-B	Increasing
			VOW 13	2016 - 2026	-0.000228738	-0.083489547	FIGURE 23-B	Increasing
	214	Bedrock	VOW 30	2015 - 2026	-0.000079753	-0.029109765	FIGURE 24-B	Stable
			VOW 31	2015 - 2026	-0.000167417	-0.061107354	FIGURE 25-B	Increasing
			VOW 32	2015 - 2026	-0.000384082	-0.140189795	FIGURE 26-B	Increasing
			VOW 33	2015 - 2026	0.000490859	0.179163601	FIGURE 27-B	Large Decline
			VOW 34	2015 - 2026	-0.000163203	-0.059569251	FIGURE 28-B	Increasing
	215	Surficial	OW 232	2013 - 2026	0.000012462	0.004548586	FIGURE 29-B	Stable
			OW 340	2013 - 2026	0.000430669	0.157194292	FIGURE 30-B	Large Decline
			VOW 28	2017 - 2026	-0.000017310	-0.006318093	FIGURE 31-B	Stable
	218	Bedrock	OW 394	2013 - 2026	-0.000001219	-0.000444890	FIGURE 32-B	Stable
			VOW 26	2017 - 2026	0.000937221	0.342085500	FIGURE 33-B	Large Decline
			VOW 27	2017 - 2026	0.000096384	0.035180100	FIGURE 34-B	Moderate Decline
	1098	Surficial	OW 392	2013 - 2026	-0.000247046	-0.090171779	FIGURE 38-B	Increasing
			OW 397	2014 - 2026	-0.001224001	-0.446760226	FIGURE 39-B	Increasing
			VOW 17	2015 - 2026	-0.000623096	-0.227429883	FIGURE 40-B	Increasing
			VOW 29	2015 - 2026	-0.000119132	-0.043483224	FIGURE 41-B	Increasing
WR6 - Nanaimo River	160	Surficial	OW 436	2015 - 2026	0.000225041	0.082139999	FIGURE 42-B	Moderate Decline
			VOW 04	2013 - 2026	-0.000006248	-0.002280457	FIGURE 43-B	Stable
	161	Surficial	OW 312	2013 - 2026	0.000041134	0.015014035	FIGURE 44-B	Stable
			OW 437	2015 - 2026	0.000133661	0.048786291	FIGURE 45-B	Moderate Decline
	162	Bedrock	OW 337	2013 - 2026	-0.001154868	-0.421526713	FIGURE 46-B	Increasing
			OW 390	2013 - 2026	-0.000297144	-0.108457450	FIGURE 47-B	Increasing
			OW 432	2013 - 2026	0.000091733	0.033482379	FIGURE 48-B	Moderate Decline
			VOW 06	2013 - 2026	0.000053787	0.019632099	FIGURE 49-B	Stable
			VOW 19	2017 - 2026	0.000033797	0.012335726	FIGURE 50-B	Stable
			VOW 21	2017 - 2026	-0.000309025	-0.112793973	FIGURE 51-B	Increasing
			VOW 22	2017 - 2026	-0.000181098	-0.066100738	FIGURE 52-B	Increasing
			VOW 23	2017 - 2026	0.000471057	0.171935874	FIGURE 53-B	Large Decline
	163	Surficial	VOW 24	2017 - 2026	0.000030338	0.011073379	FIGURE 54-B	Stable
	165	Bedrock	OW 435	2013 - 2026	-0.000101993	-0.037227422	FIGURE 55-B	Increasing
			VOW 05	2013 - 2026	-0.000304947	-0.111305503	FIGURE 56-B	Increasing
WR7 - Gabriola Island	709	Bedrock	OW 196	2013 - 2026	-0.000021005	-0.007666897	FIGURE 57-B	Stable
			OW 197	2013 - 2026	0.000139479	0.050909950	FIGURE 58-B	Moderate Decline
			OW 316	2013 - 2026	-0.000037461	-0.013673224	FIGURE 59-B	Stable
			OW 385	2013 - 2026	0.000039010	0.014238493	FIGURE 60-B	Stable
			VOW 07	2013 - 2026	-0.000121167	-0.044225982	FIGURE 61-B	Increasing
			VOW 08	2013 - 2026	0.000262448	0.095793448	FIGURE 62-B	Moderate Decline

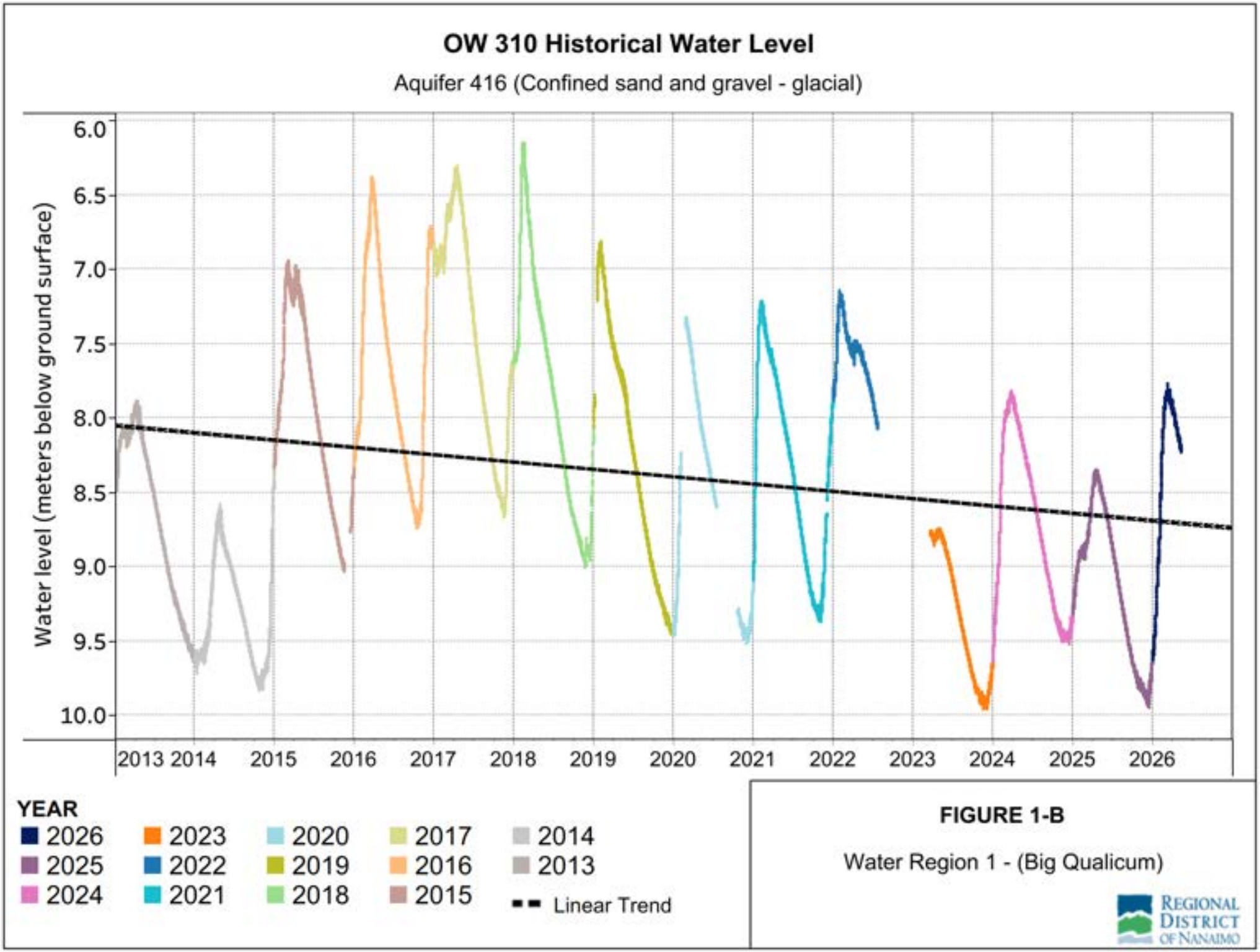


FIGURE 1-B

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

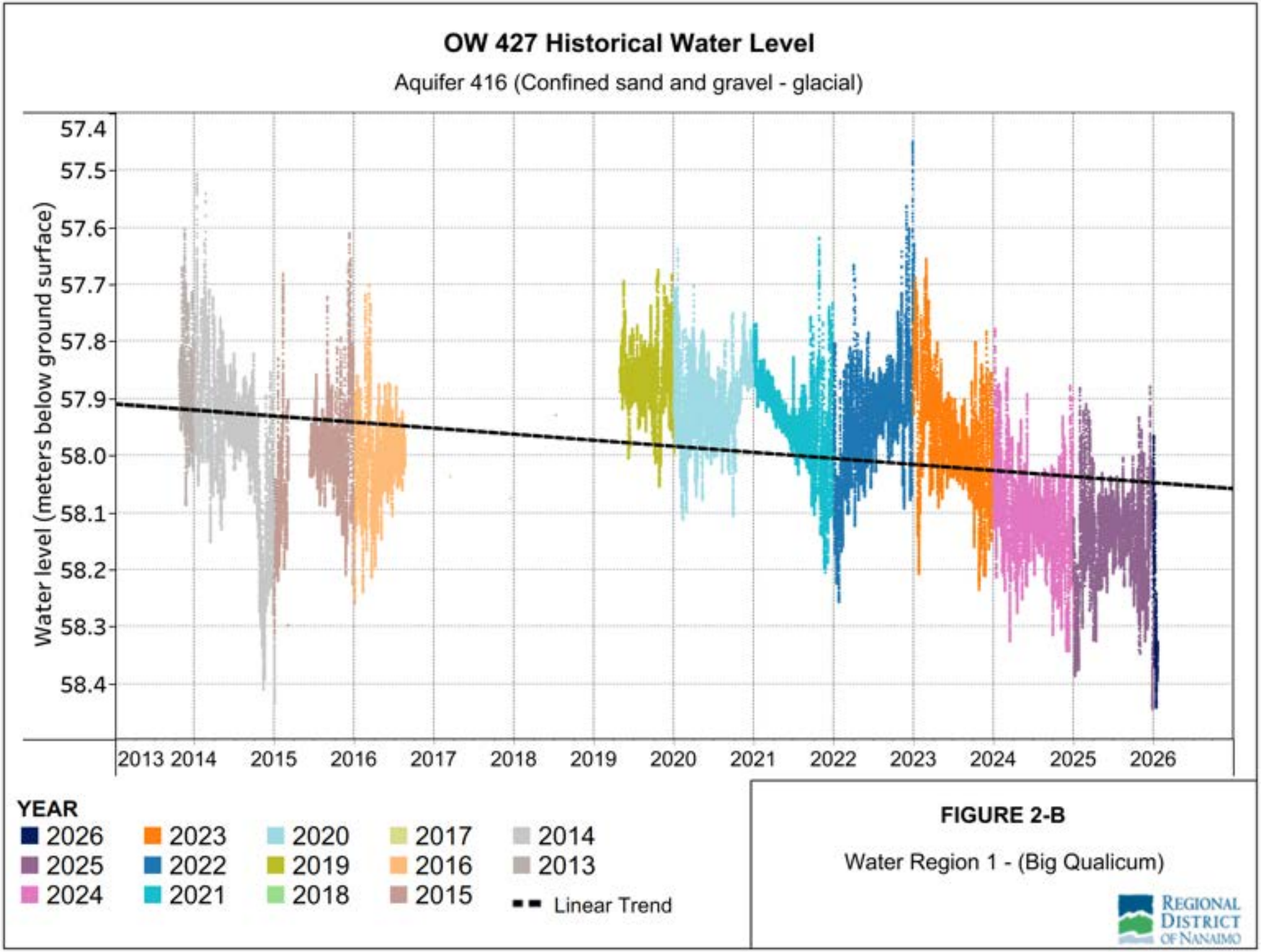


FIGURE 2-B

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

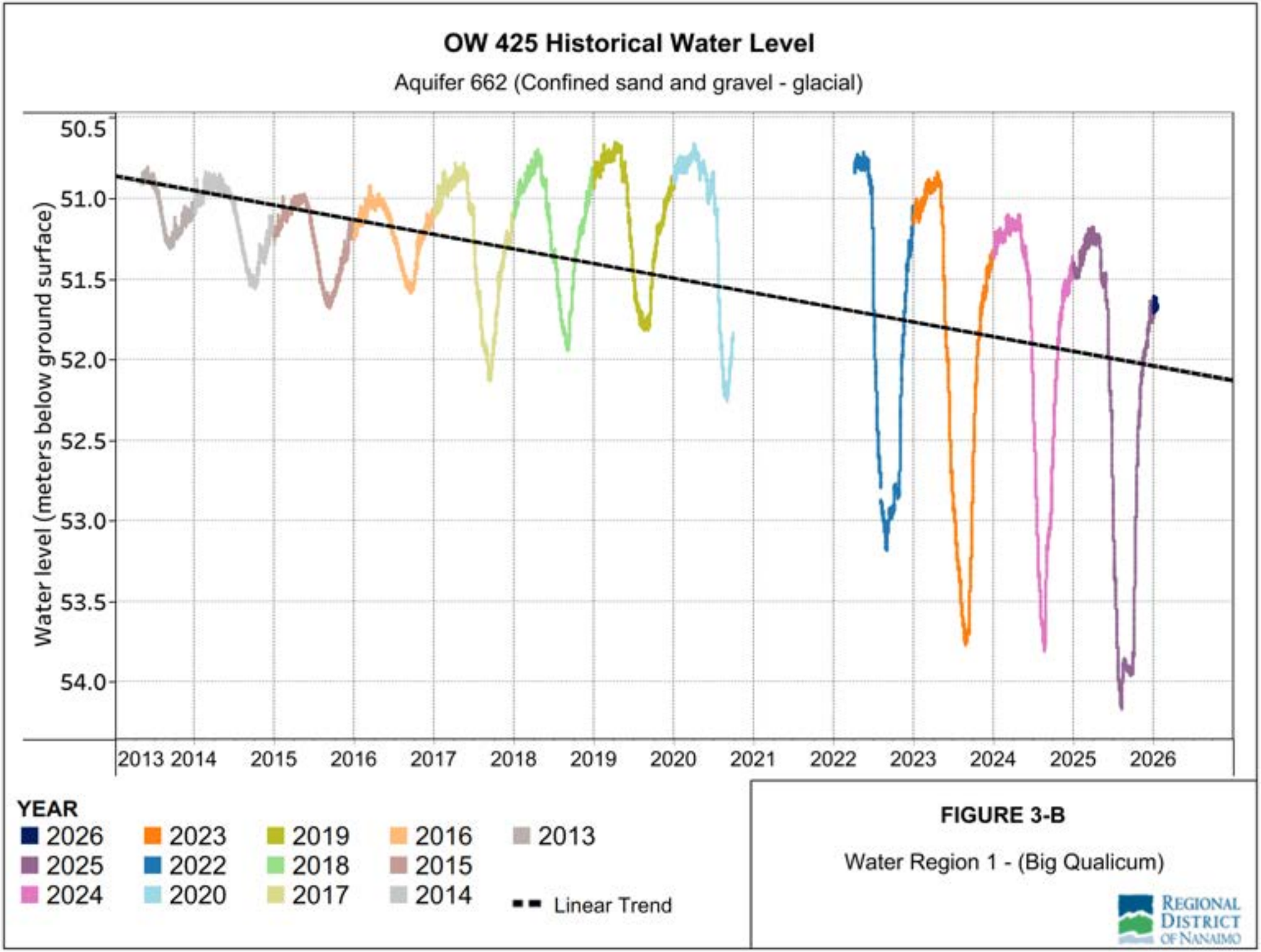


FIGURE 3-B

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

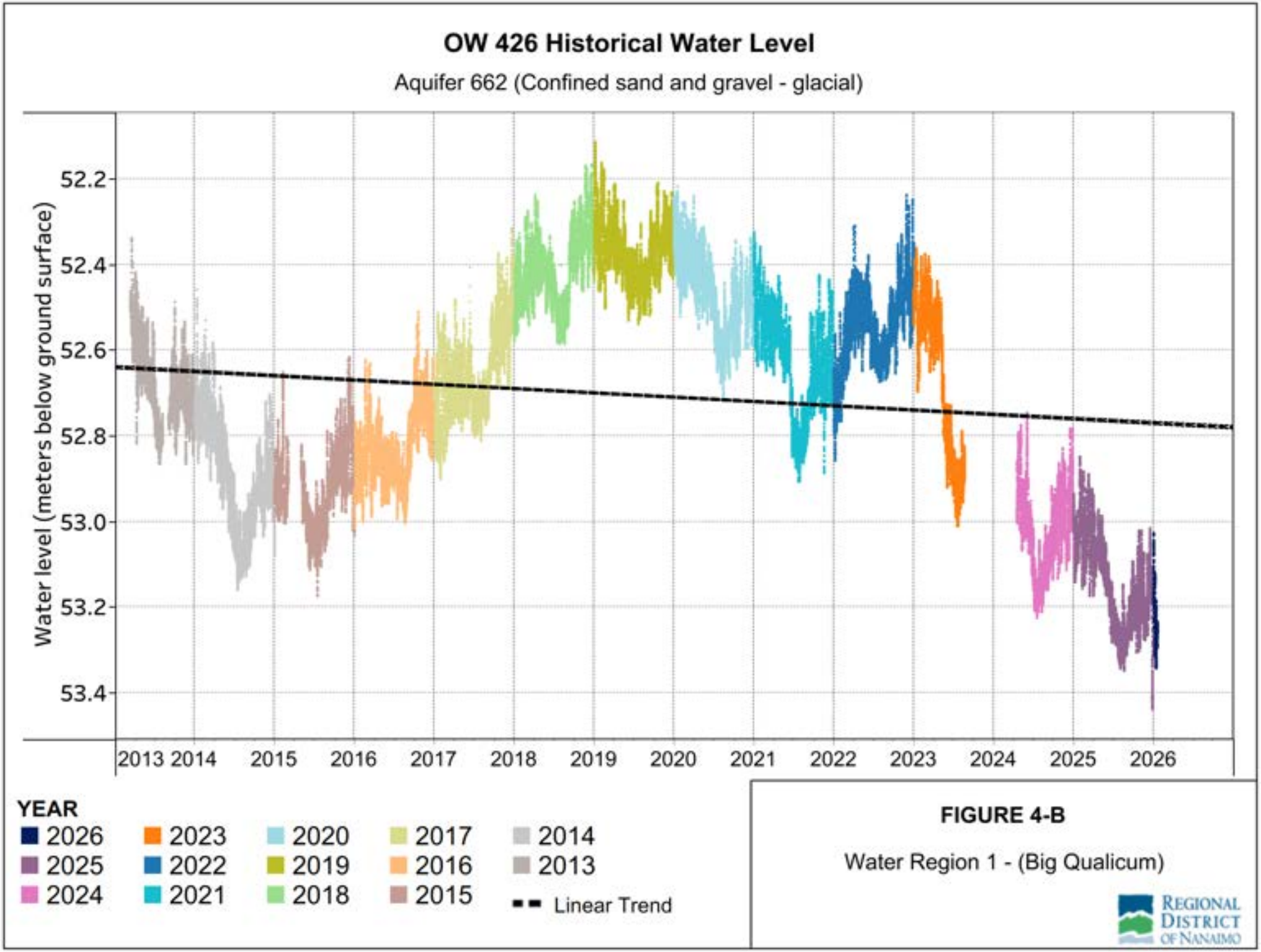


FIGURE 4-B

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

OW 391 Historical Water Level

Aquifer 662 (Confined sand and gravel - glacial)

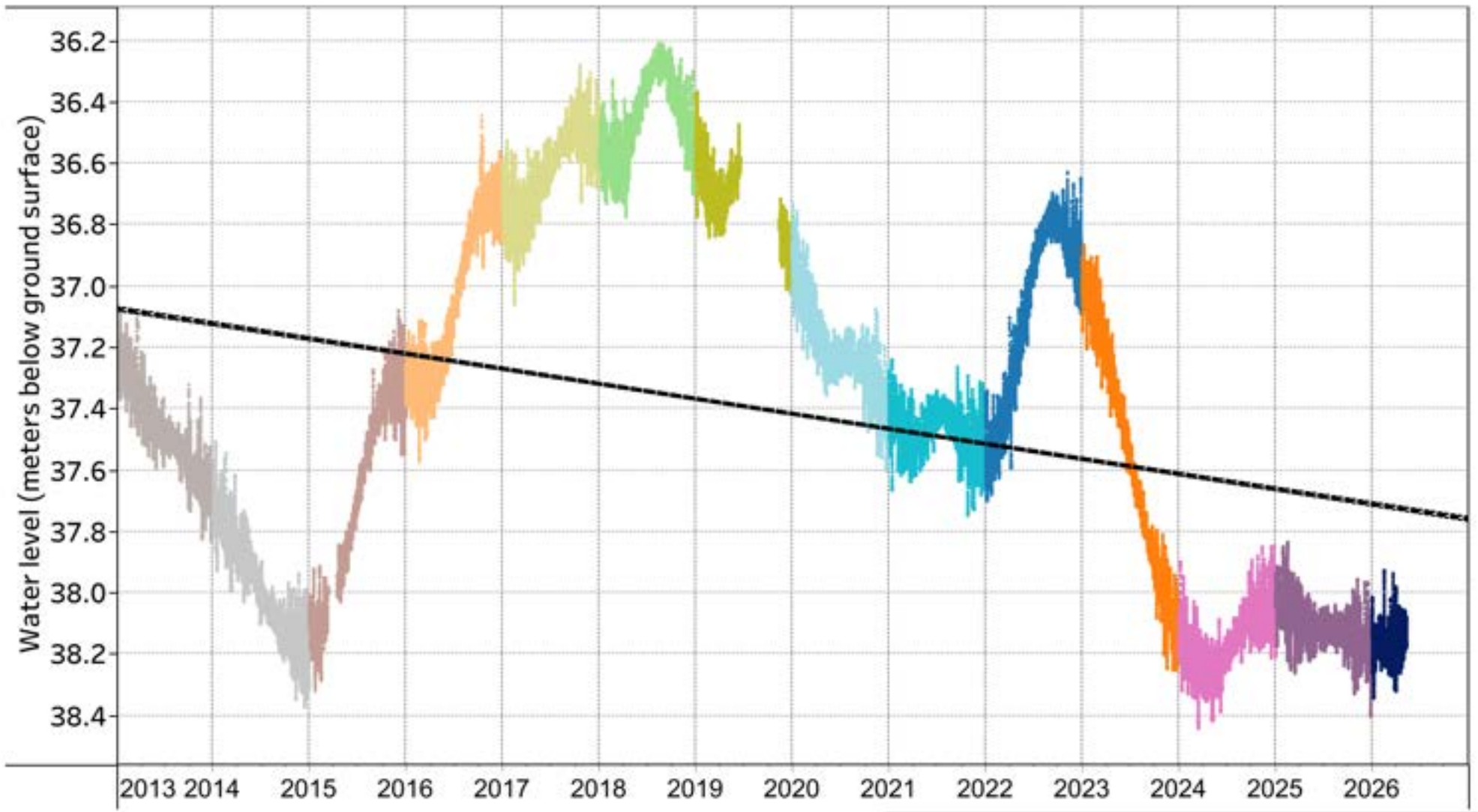


FIGURE 5-B

Water Region 2 - (Little Qualicum)

Regional District of Nanaimo

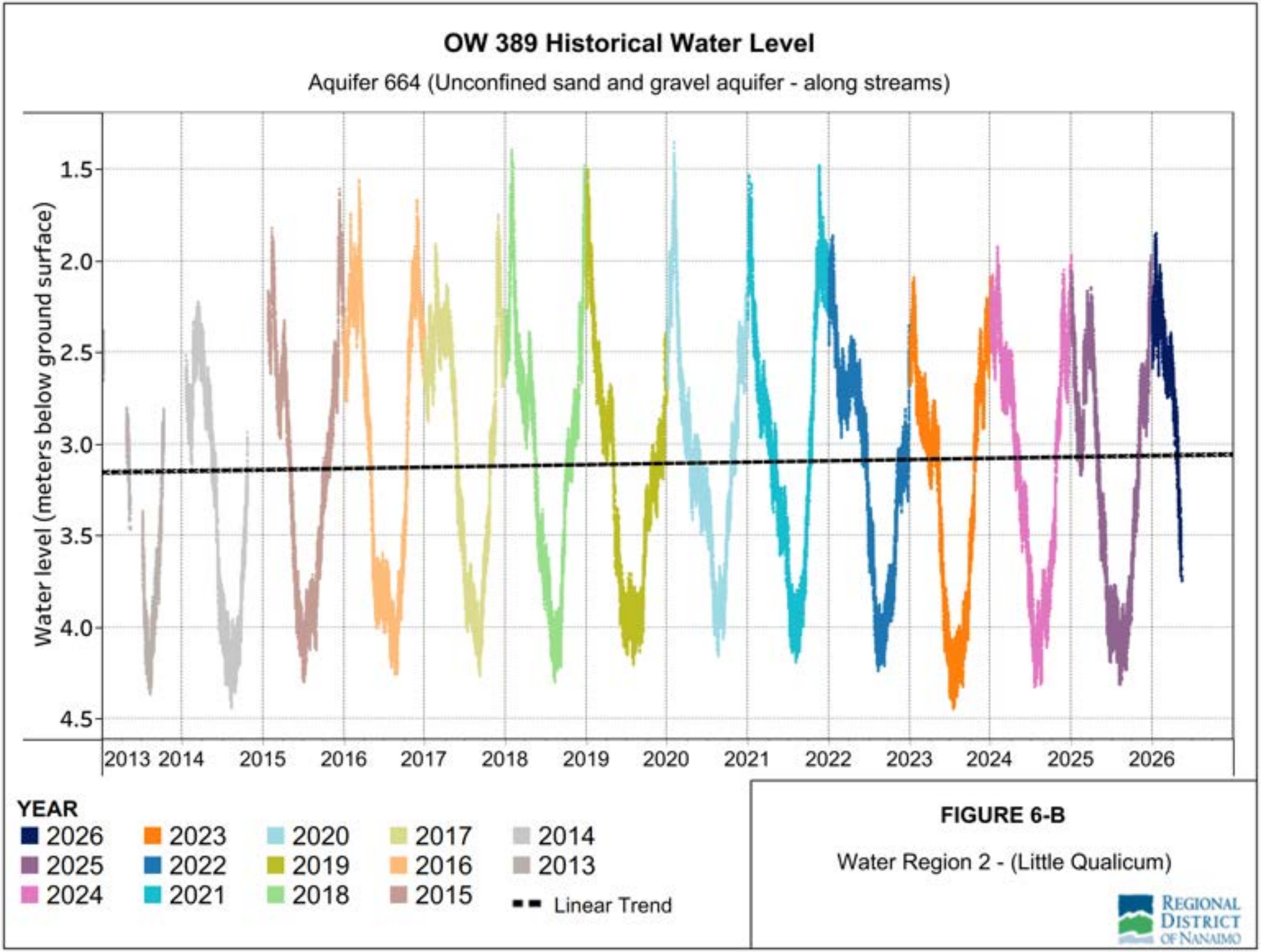


FIGURE 6-B

Water Region 2 - (Little Qualicum)

REGIONAL DISTRICT OF NANAIMO

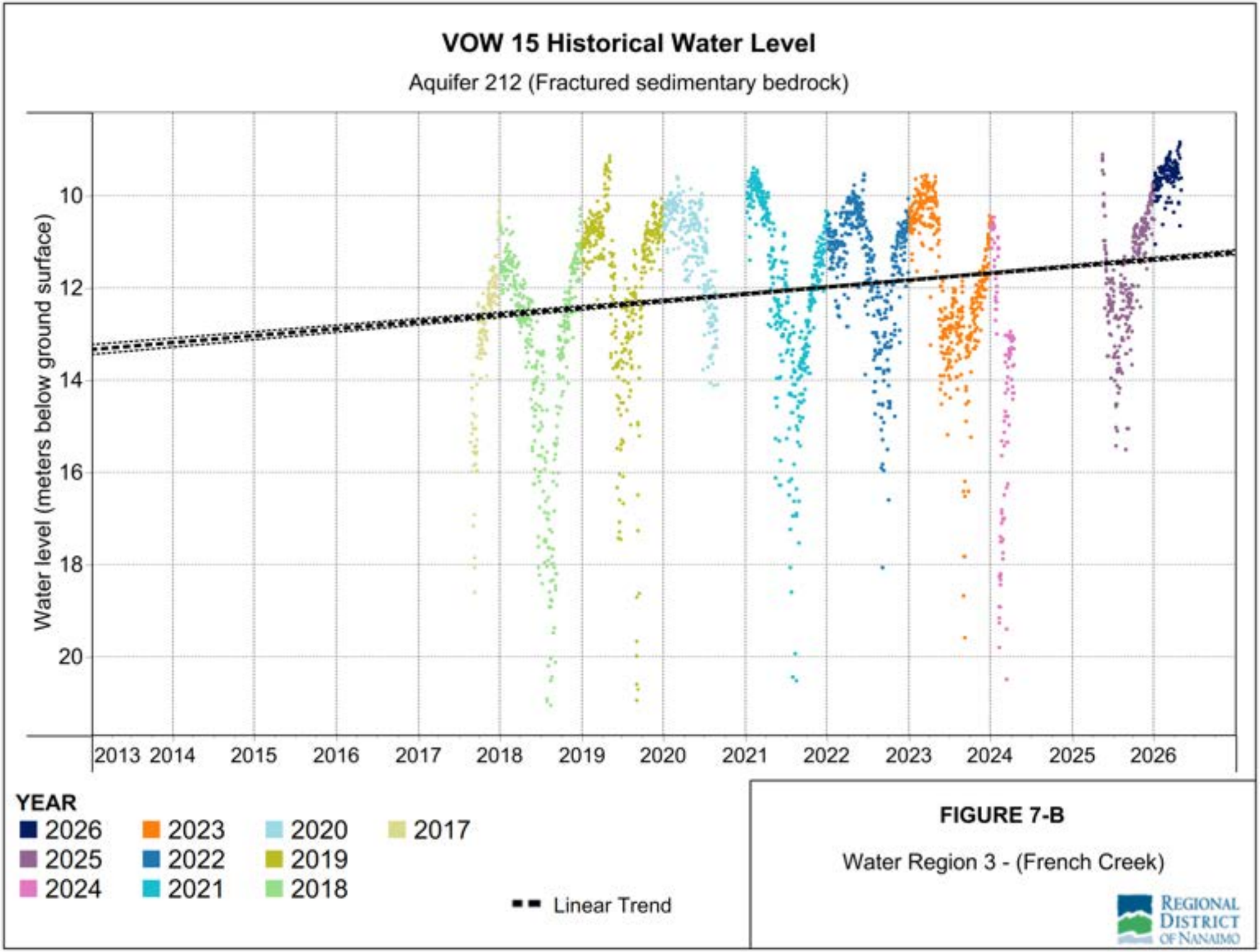


FIGURE 7-B

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

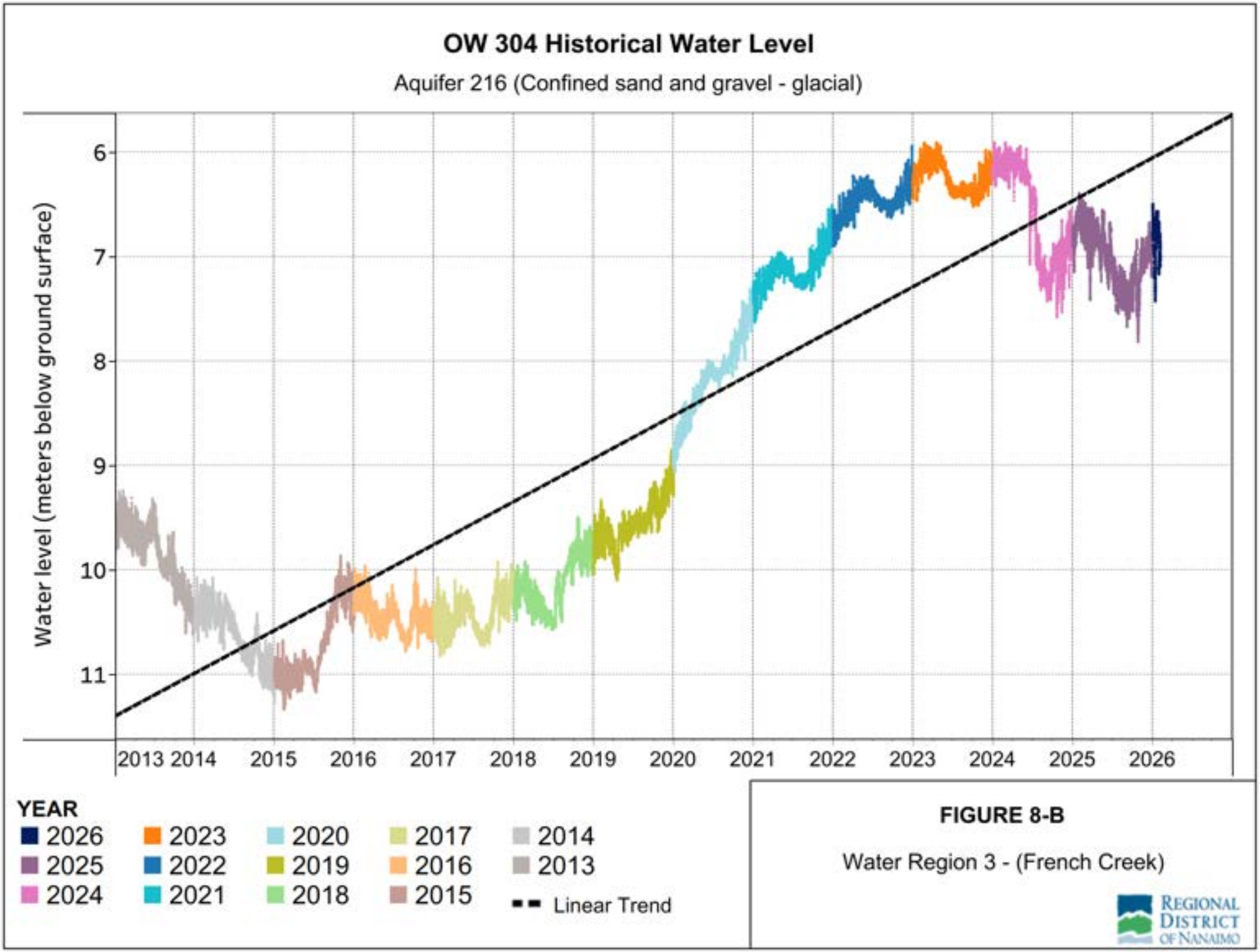


FIGURE 8-B

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

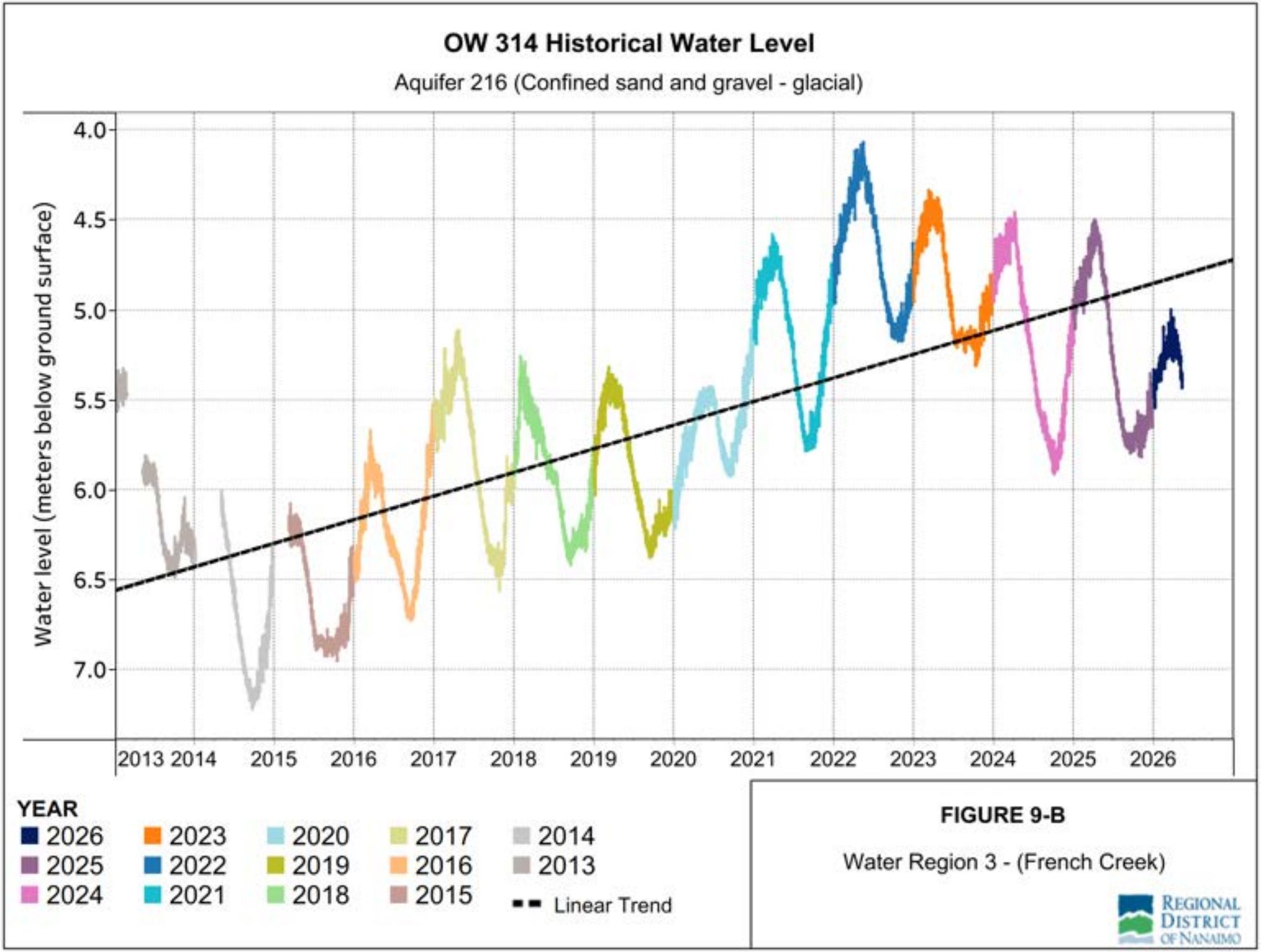


FIGURE 9-B

Water Region 3 - (French Creek)

Regional District of Nanaimo

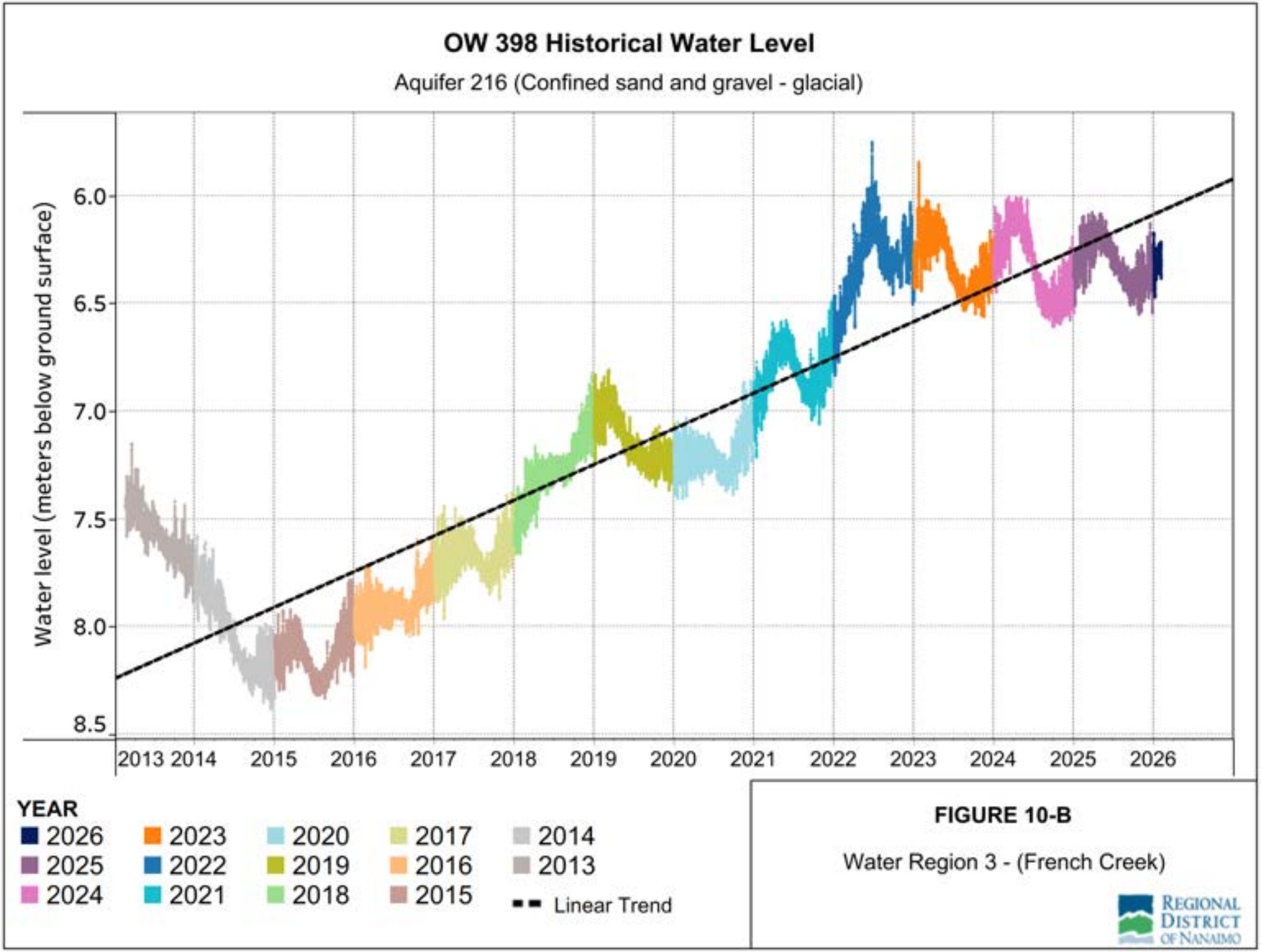


FIGURE 10-B

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

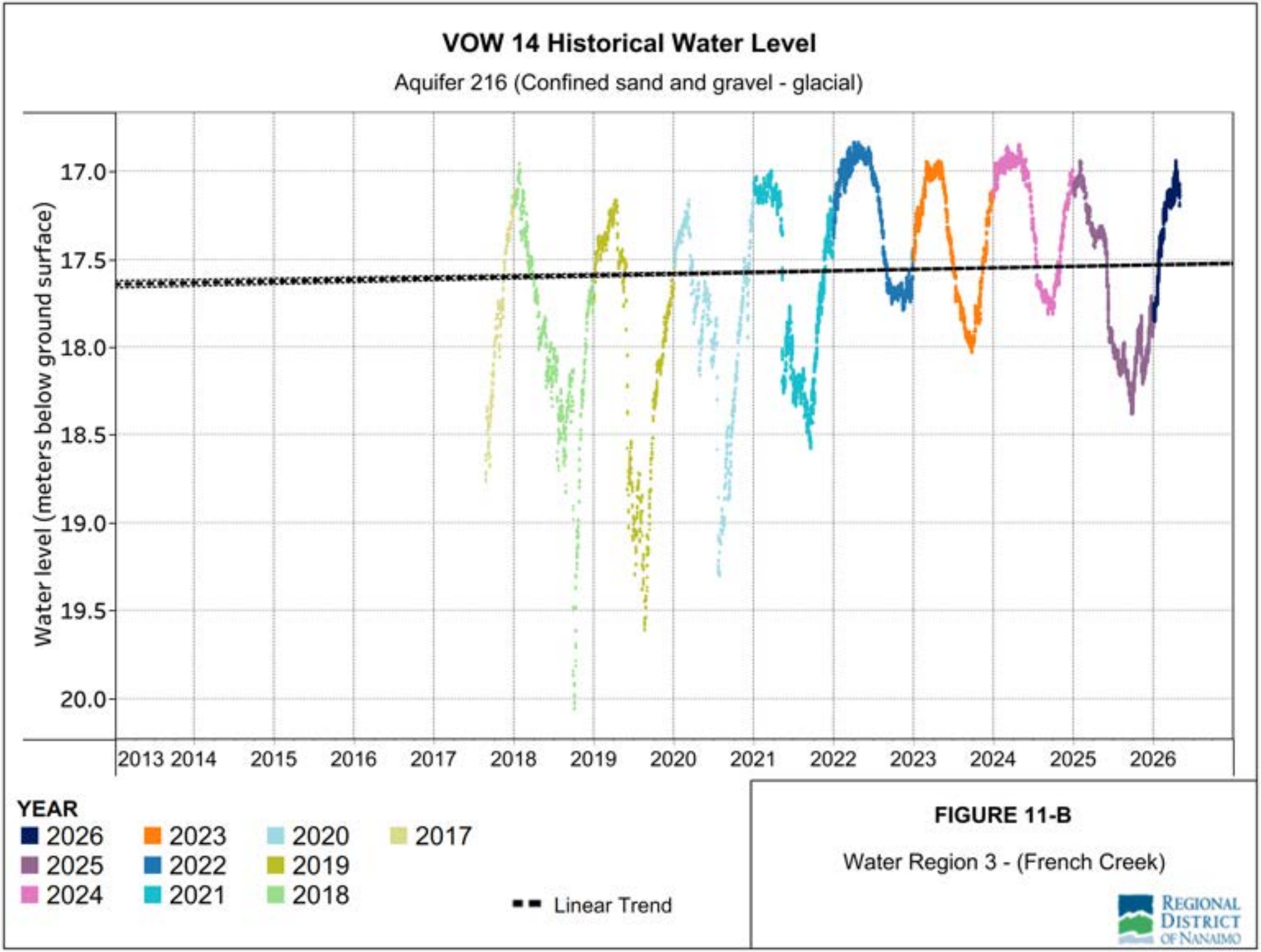


FIGURE 11-B

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

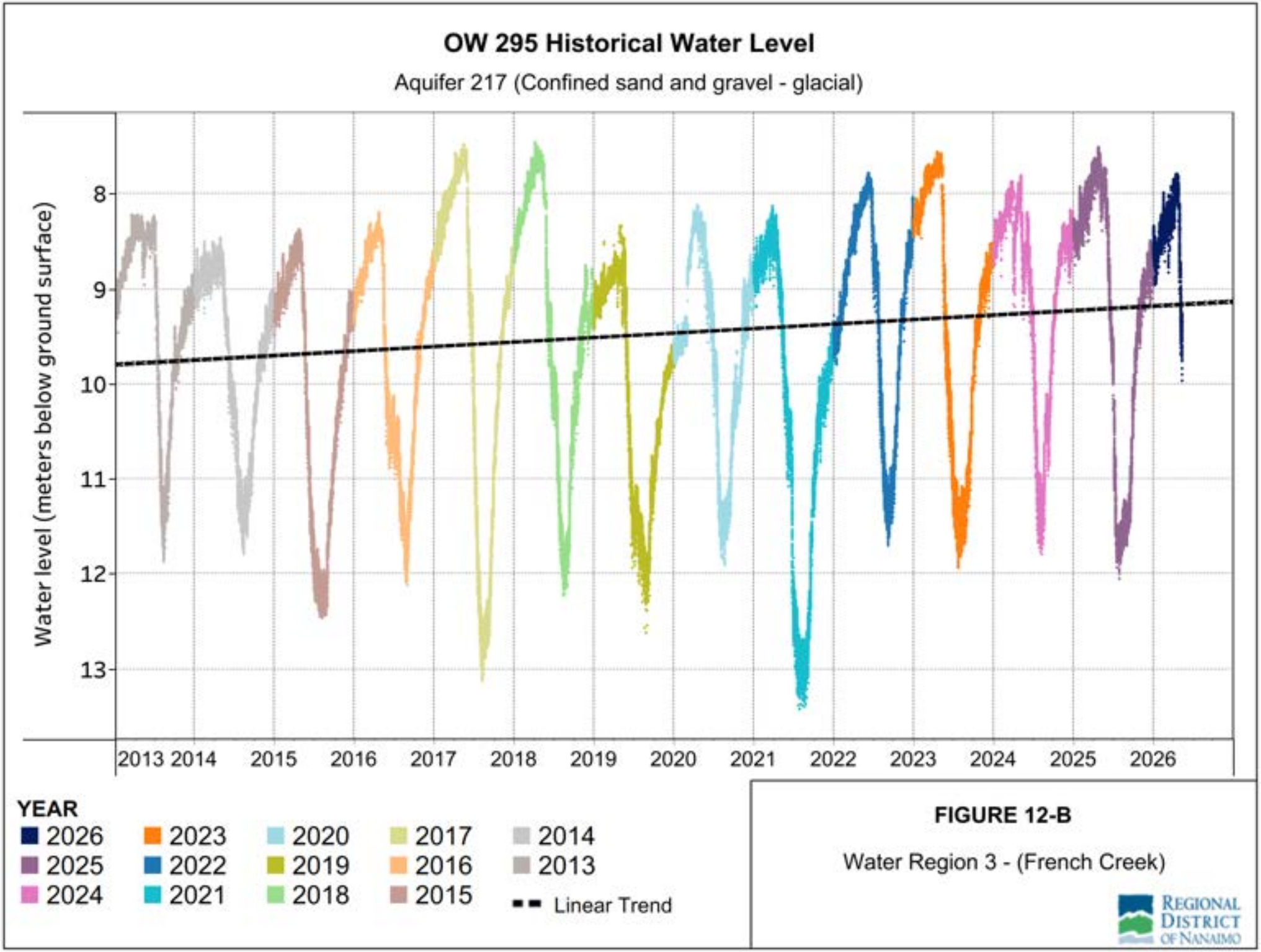


FIGURE 12-B

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

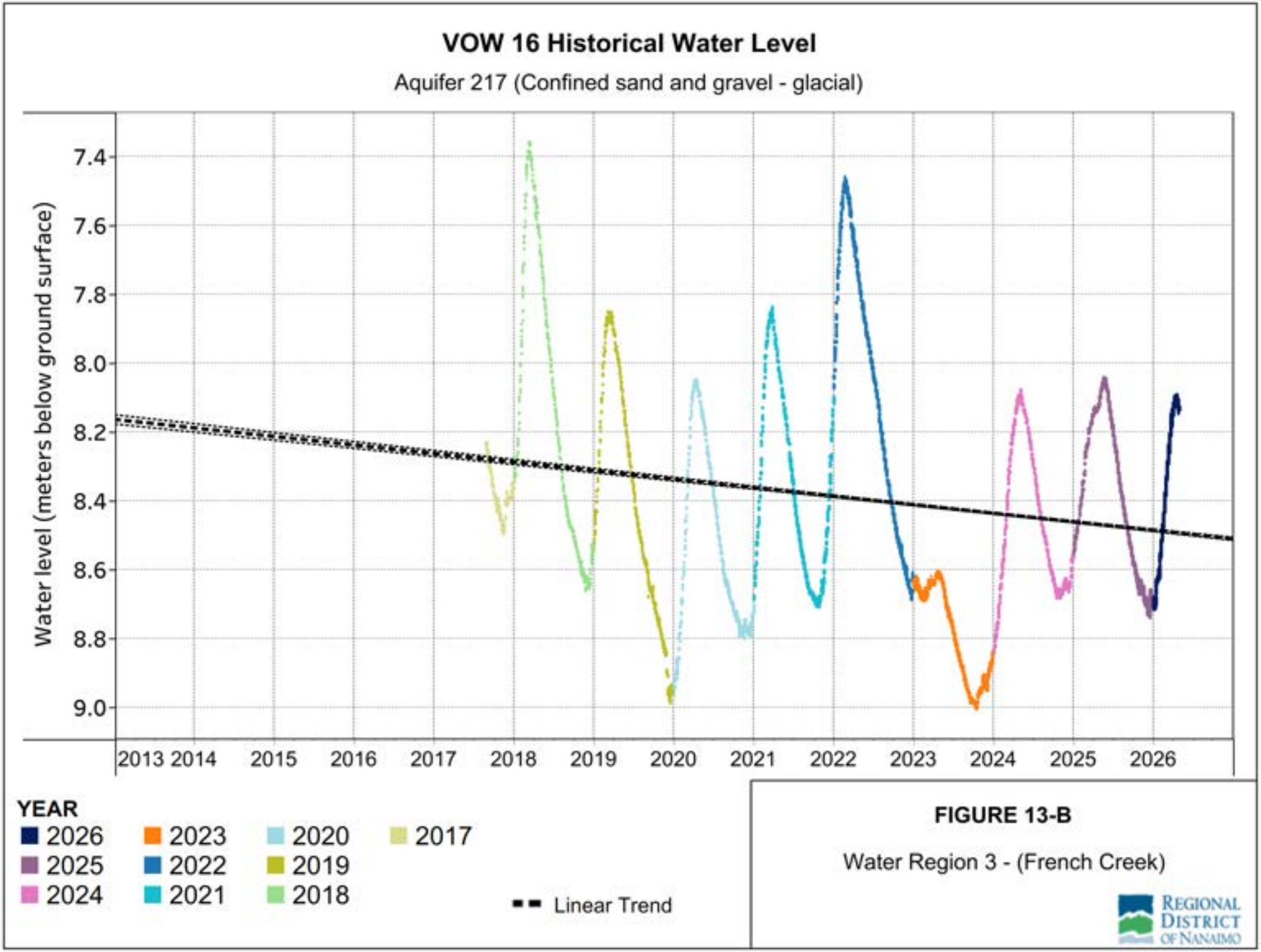


FIGURE 13-B

Water Region 3 - (French Creek)

Regional District of Nanaimo

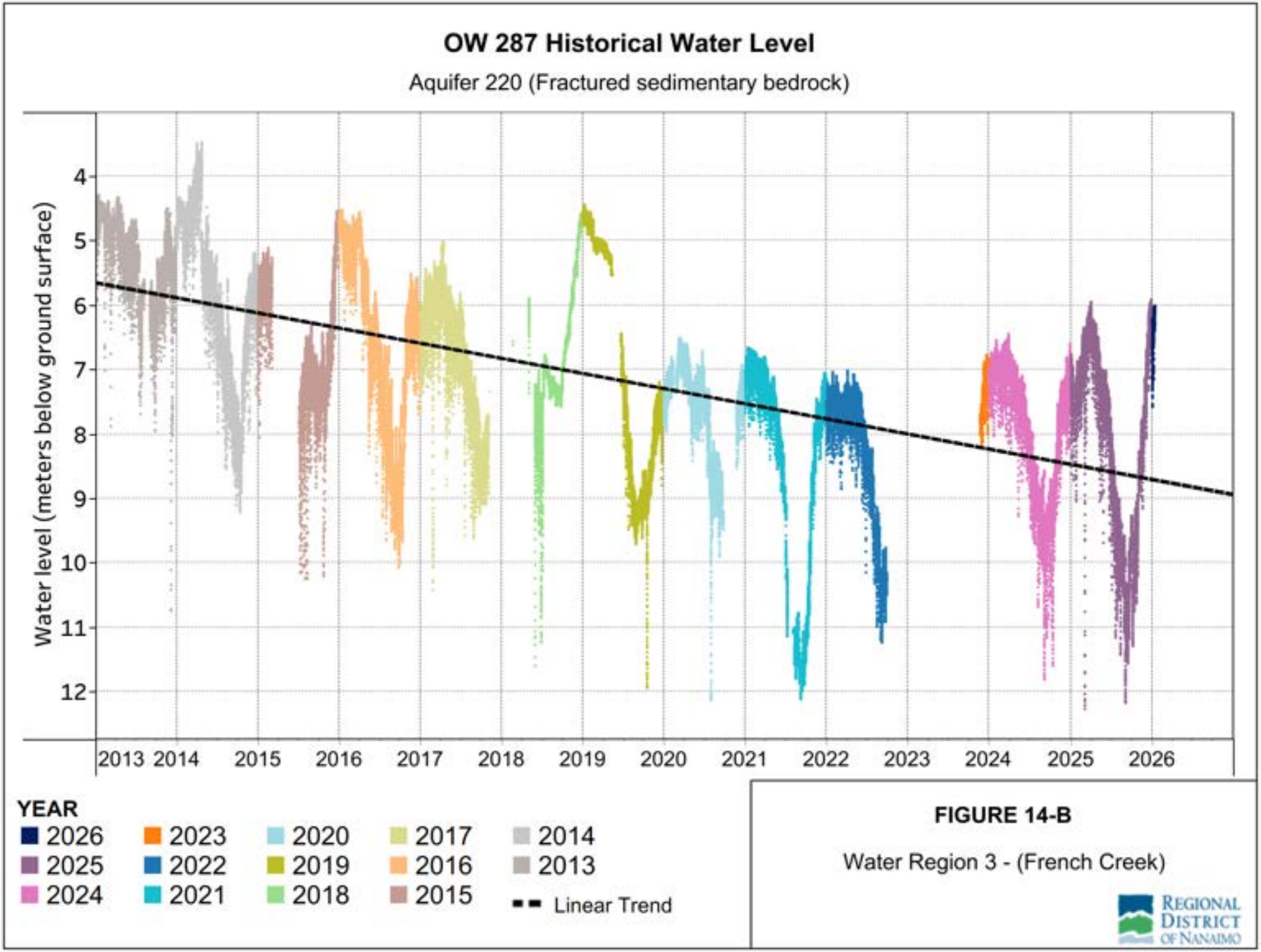


FIGURE 14-B

Water Region 3 - (French Creek)

Regional District of Nanaimo

OW 424 Historical Water Level

Aquifer 1250 (Confined sand and gravel - glacio-marine)

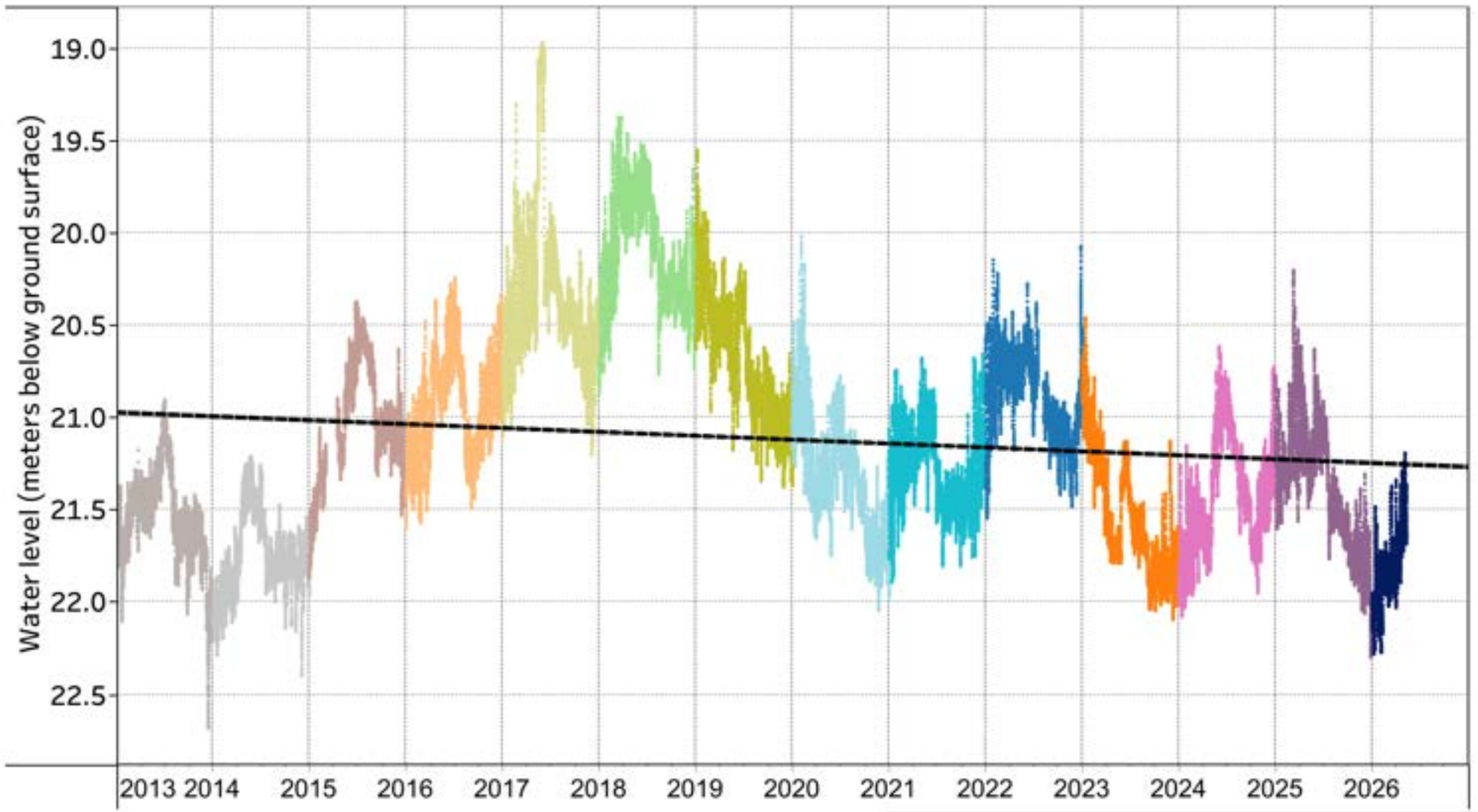


FIGURE 15-B

Water Region 3 - (French Creek)

Regional District of Nanaimo

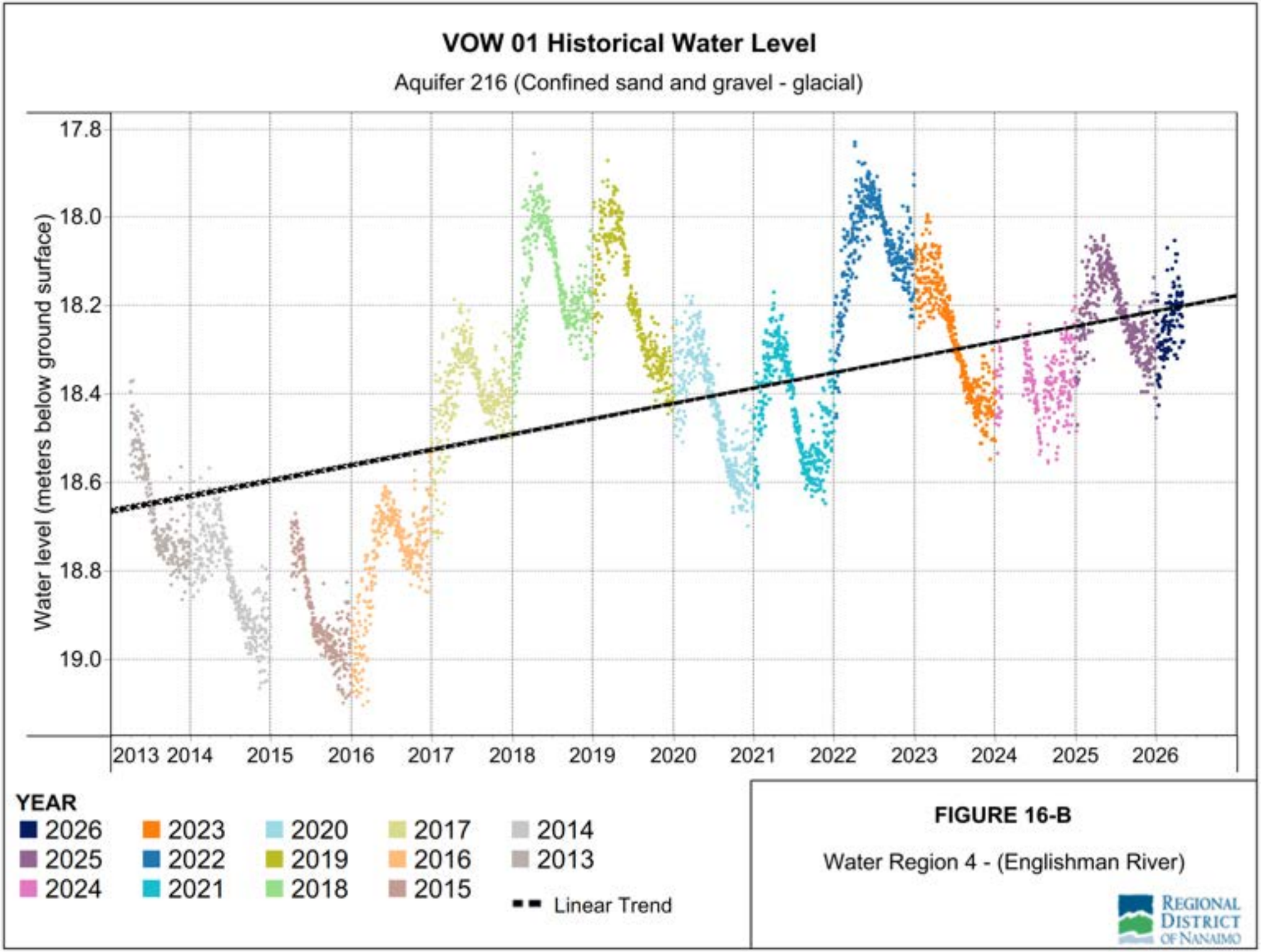


FIGURE 16-B

Water Region 4 - (Englishman River)

Regional District of Nanaimo

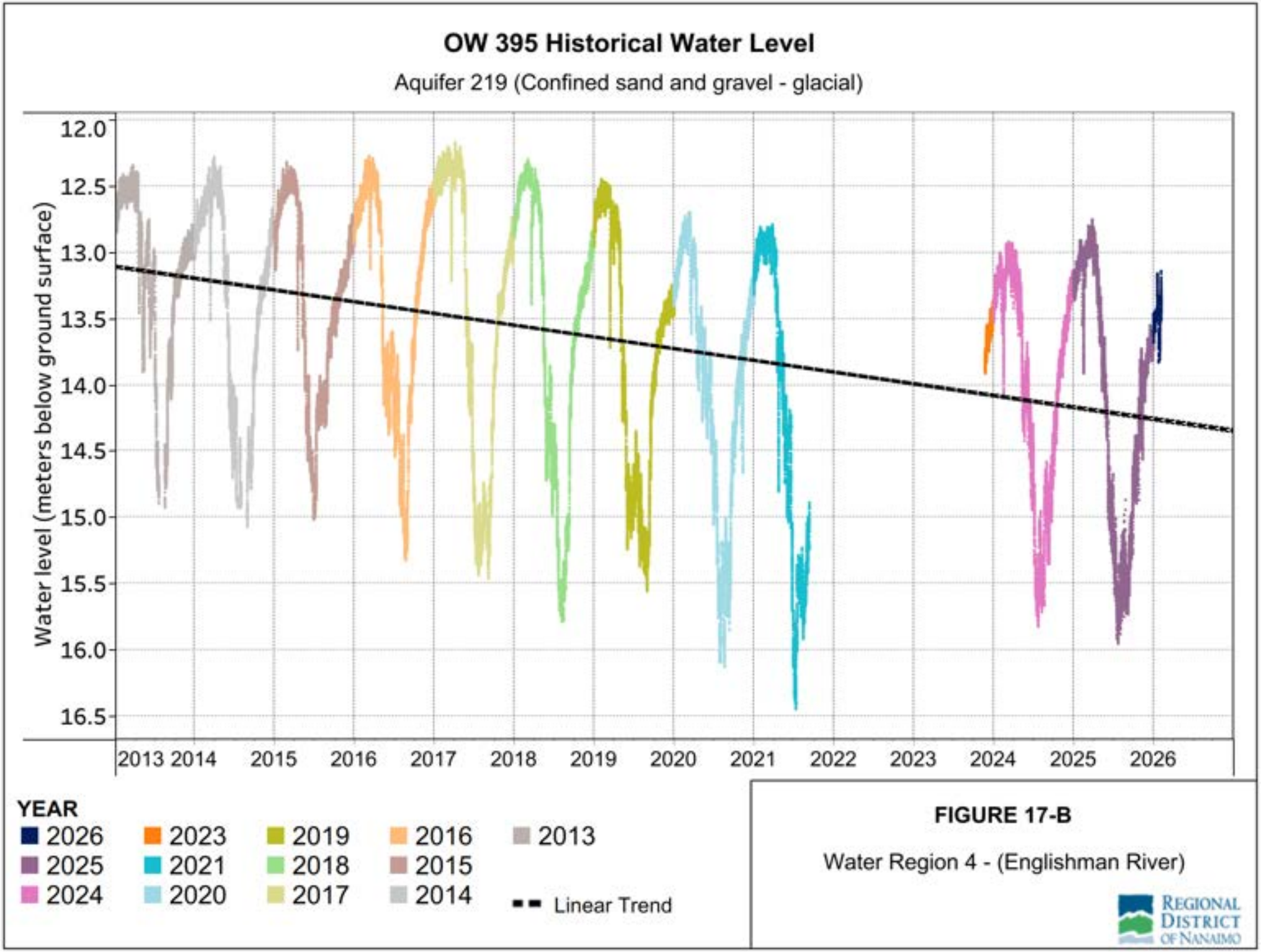
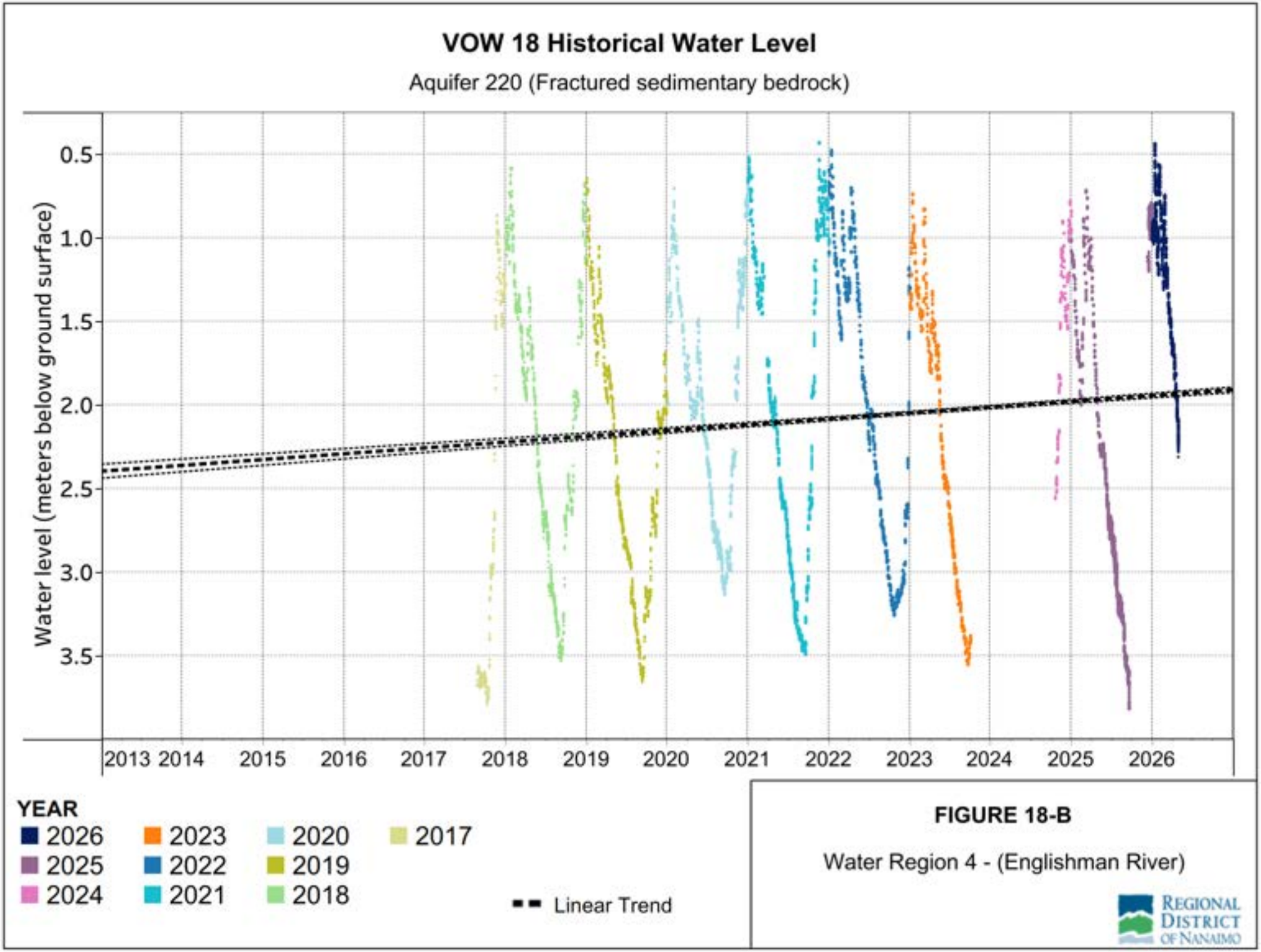


FIGURE 17-B

Water Region 4 - (Englishman River)

REGIONAL DISTRICT OF NANAIMO


VOW 18 Historical Water Level
Aquifer 220 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
0.5
1.0
1.5
2.0
2.5
3.0
3.5
2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
Linear Trend
FIGURE 18-B
Water Region 4 - (Englishman River)
Regional District of Nanaimo

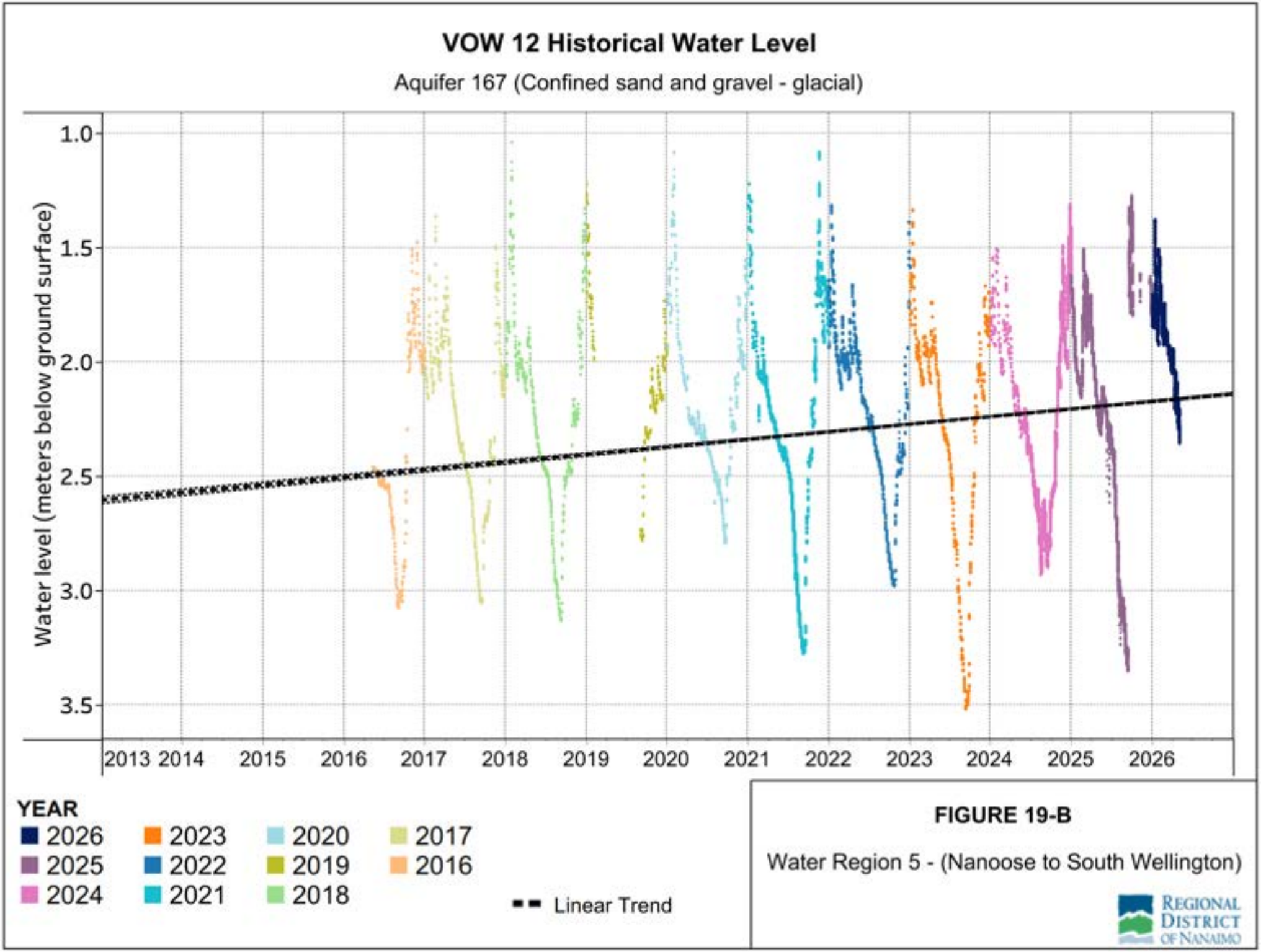


FIGURE 19-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

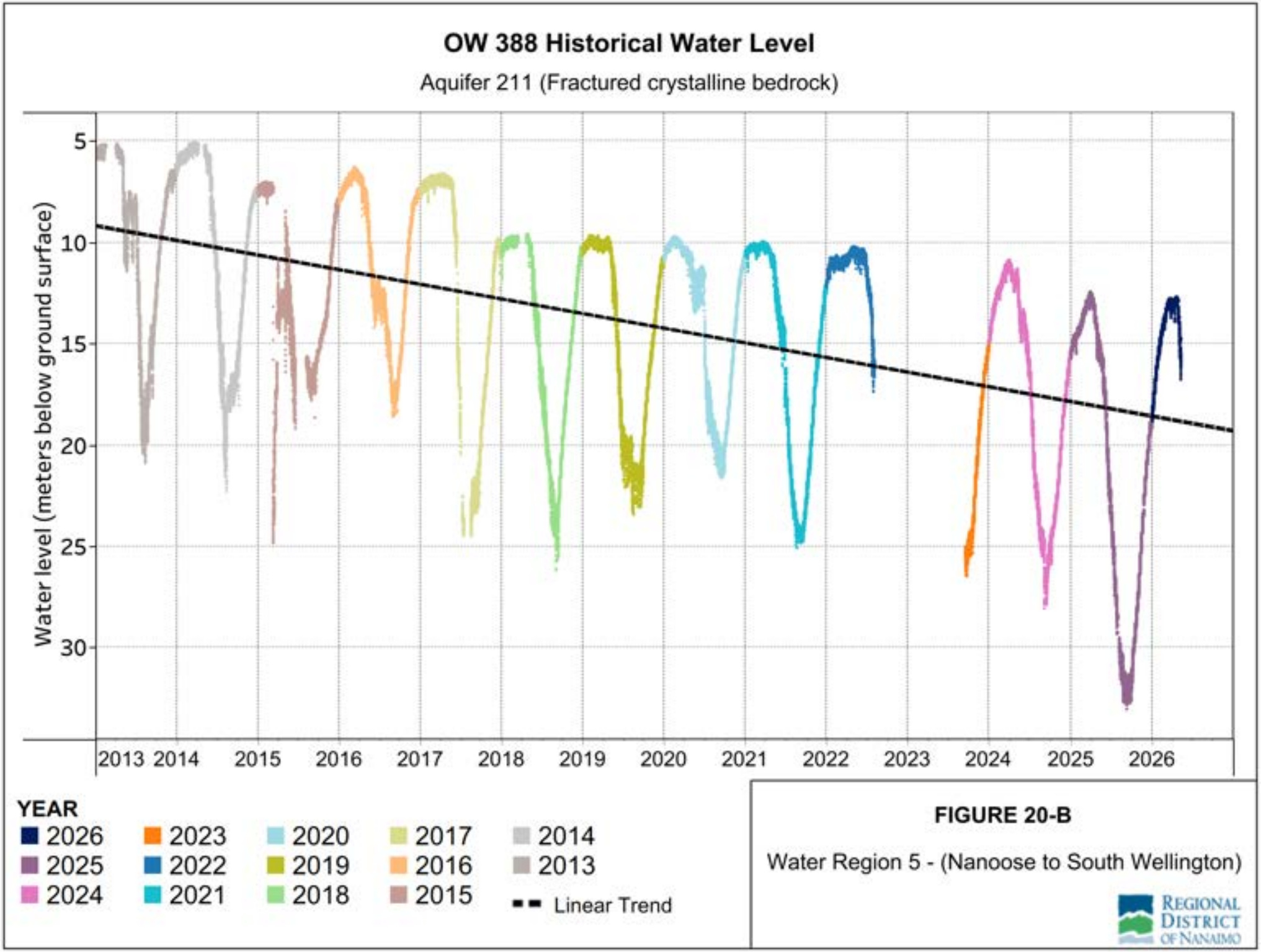


FIGURE 20-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

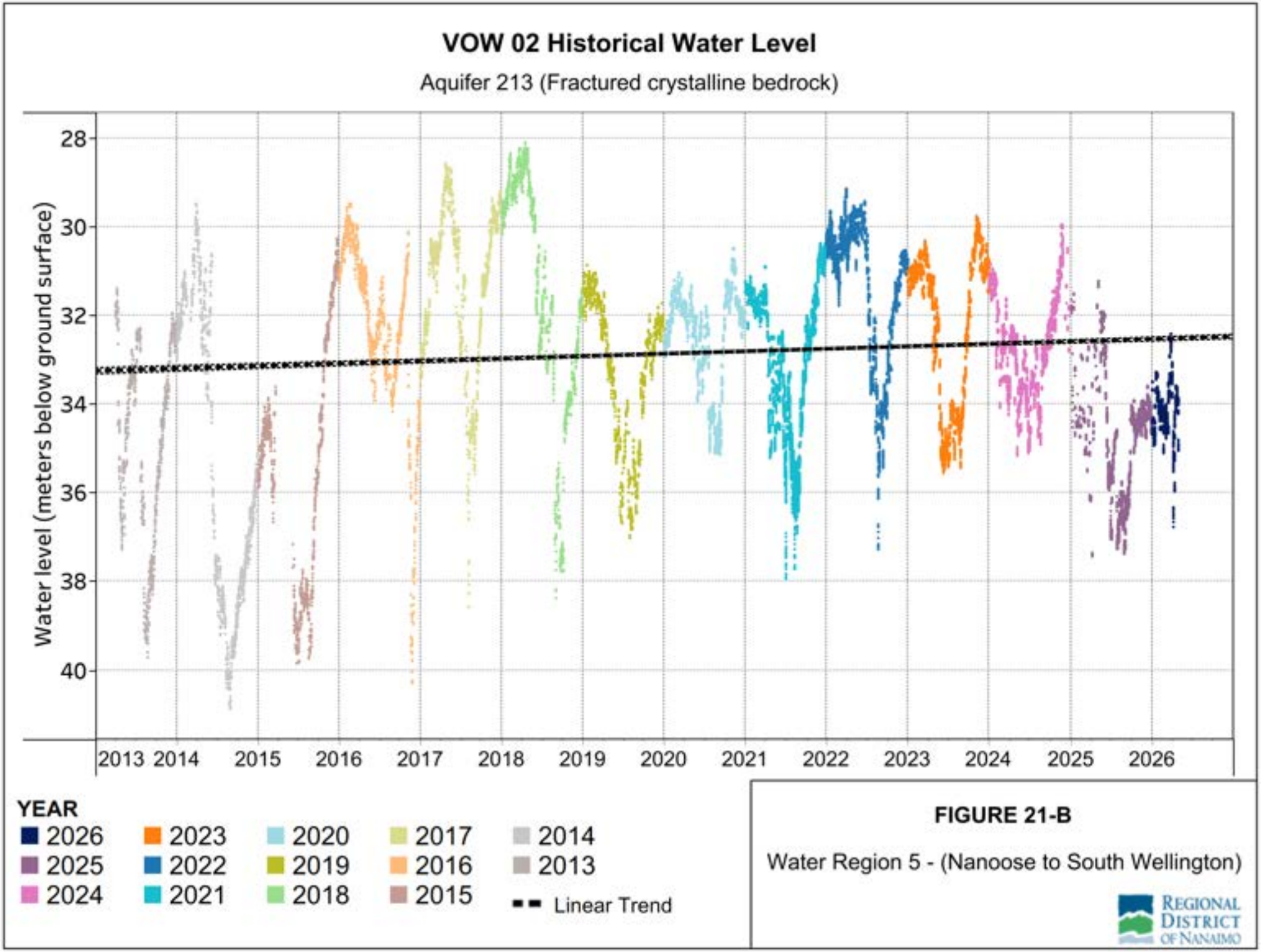


FIGURE 21-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

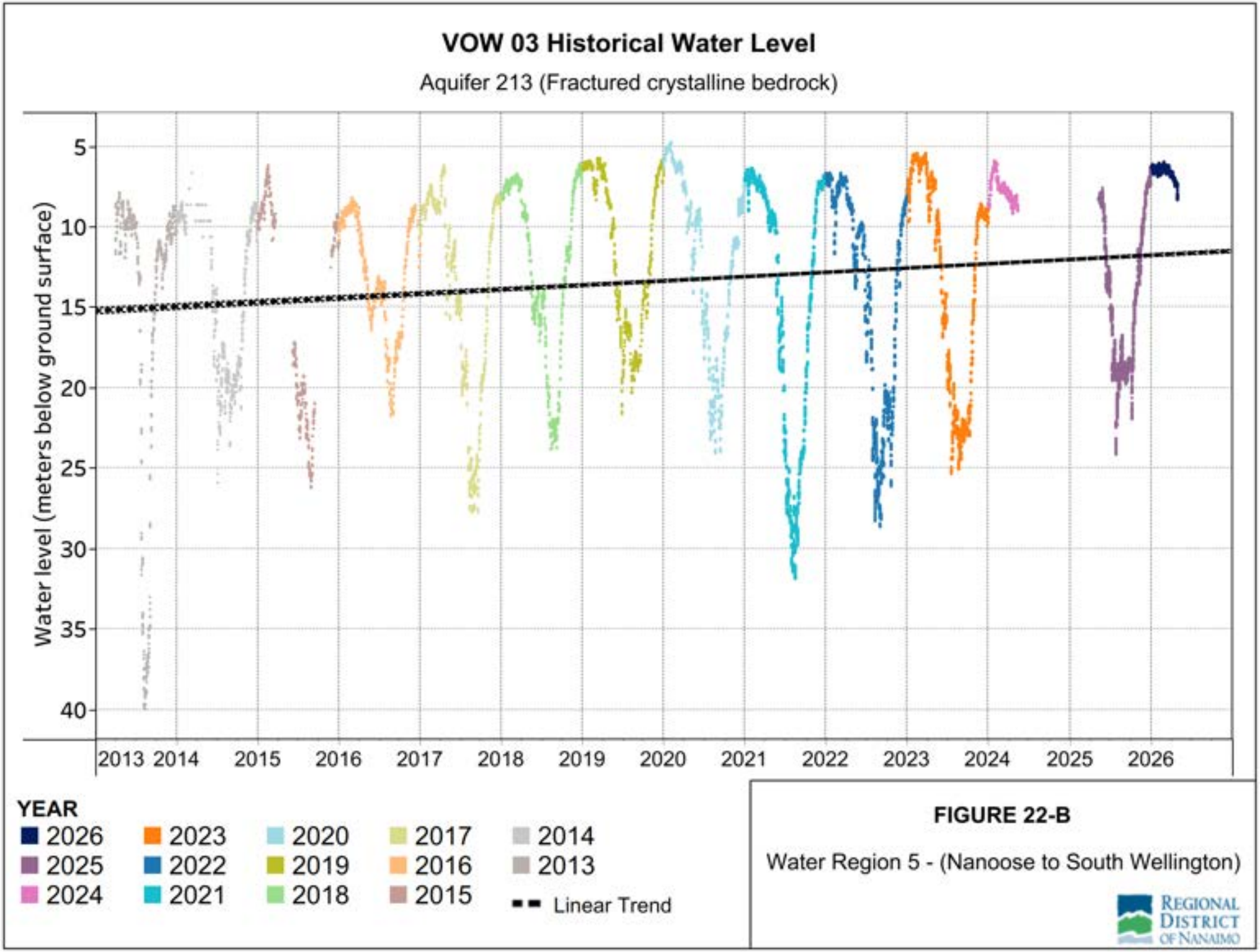


FIGURE 22-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

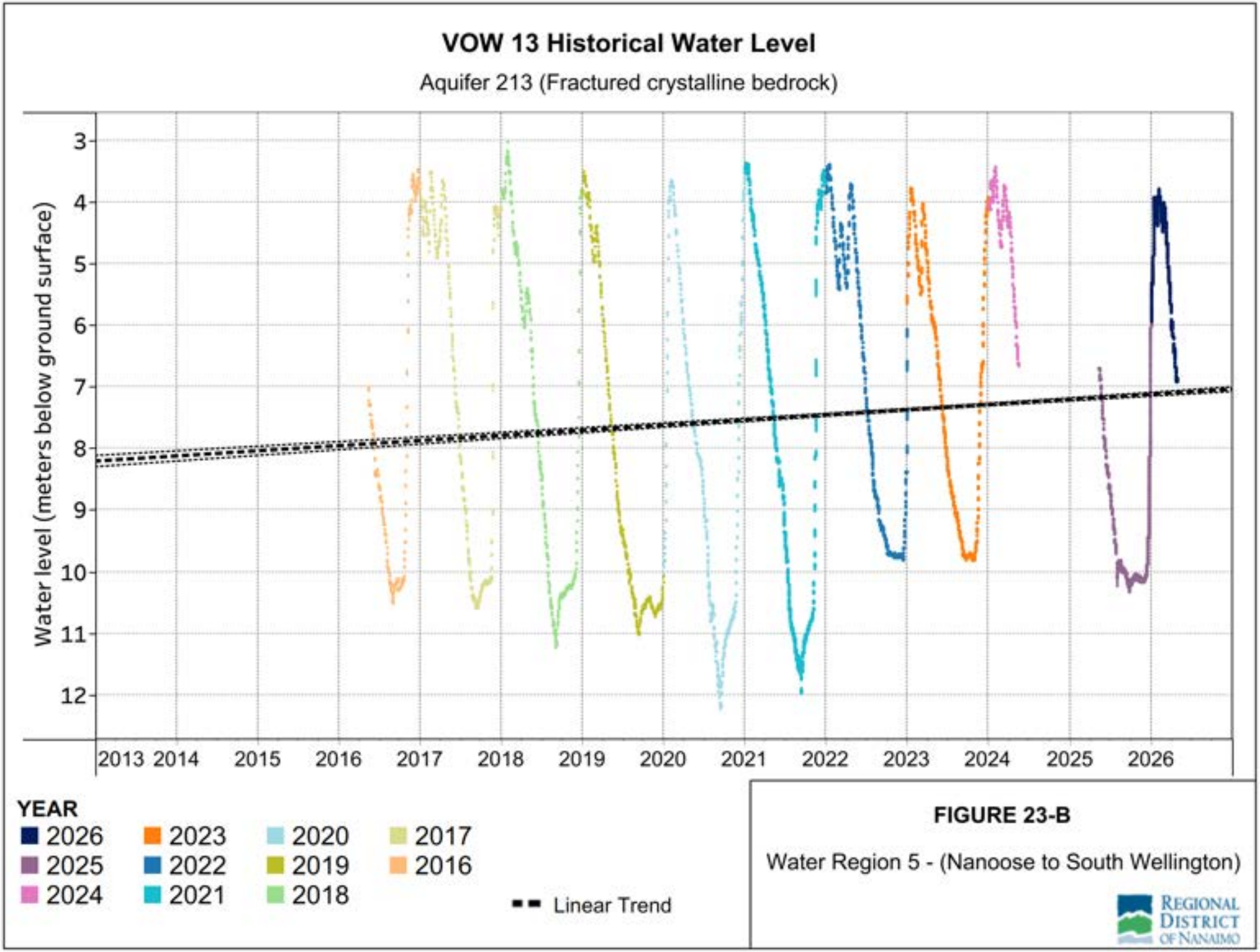


FIGURE 23-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

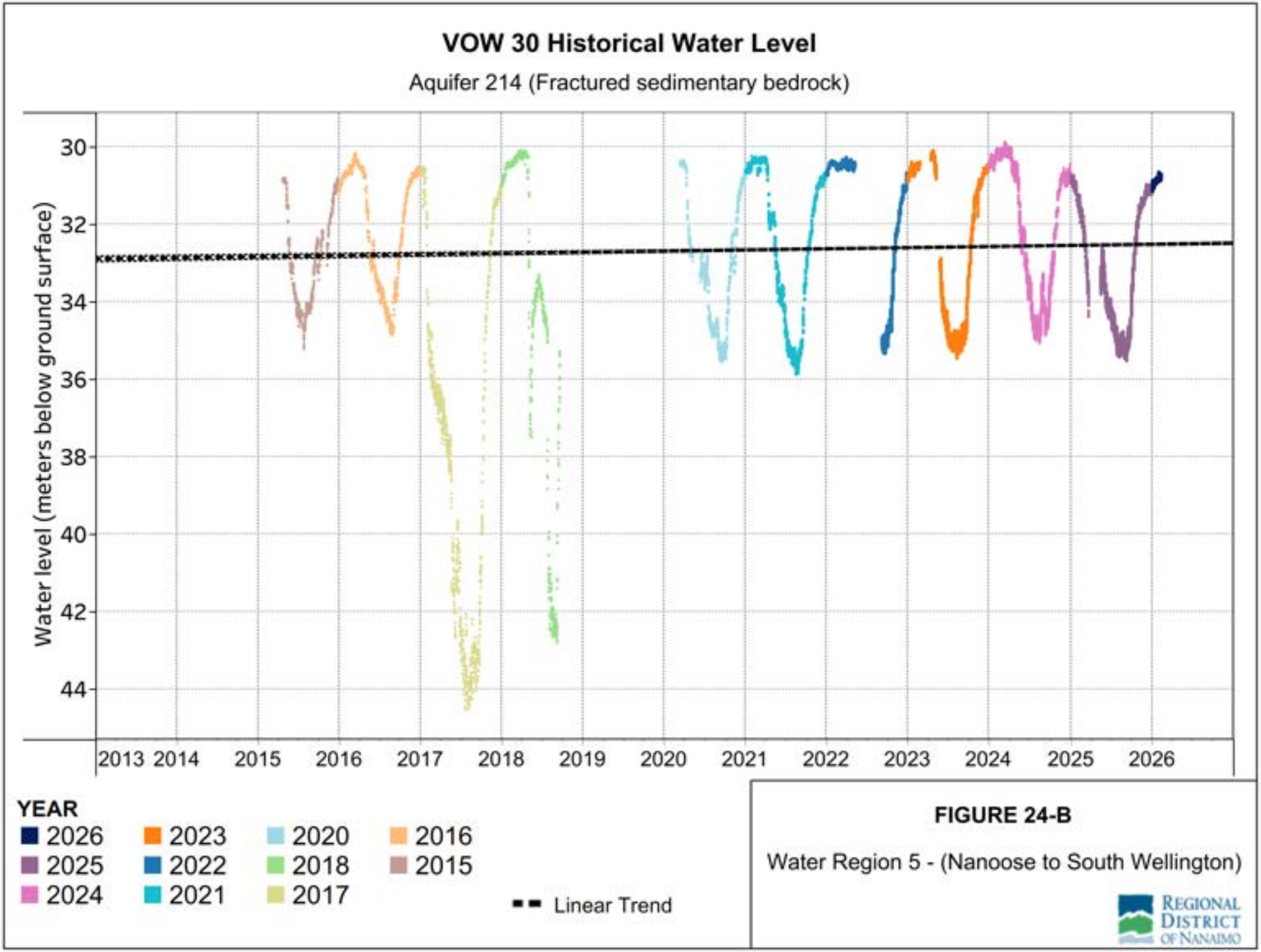


FIGURE 24-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

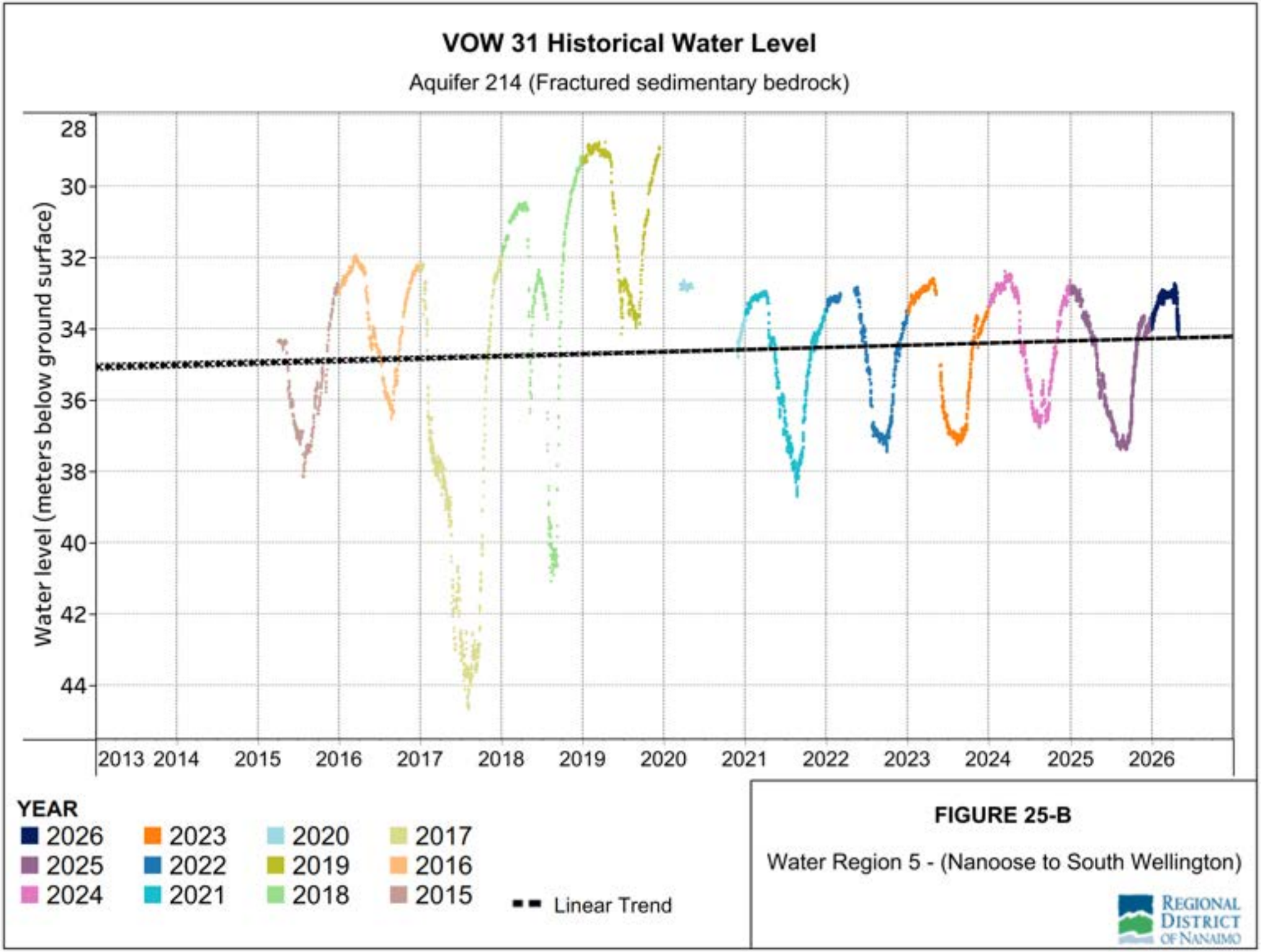


FIGURE 25-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

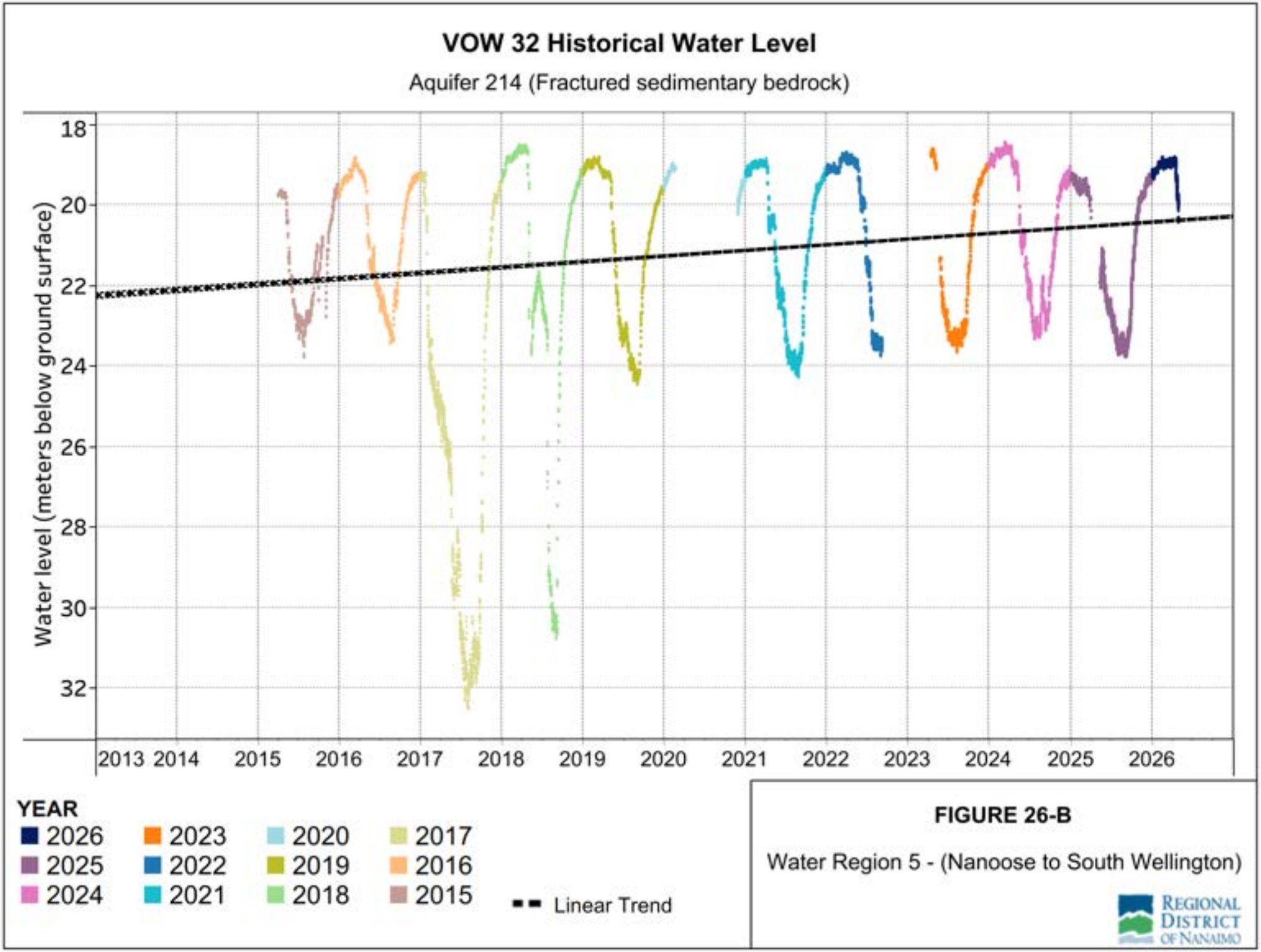


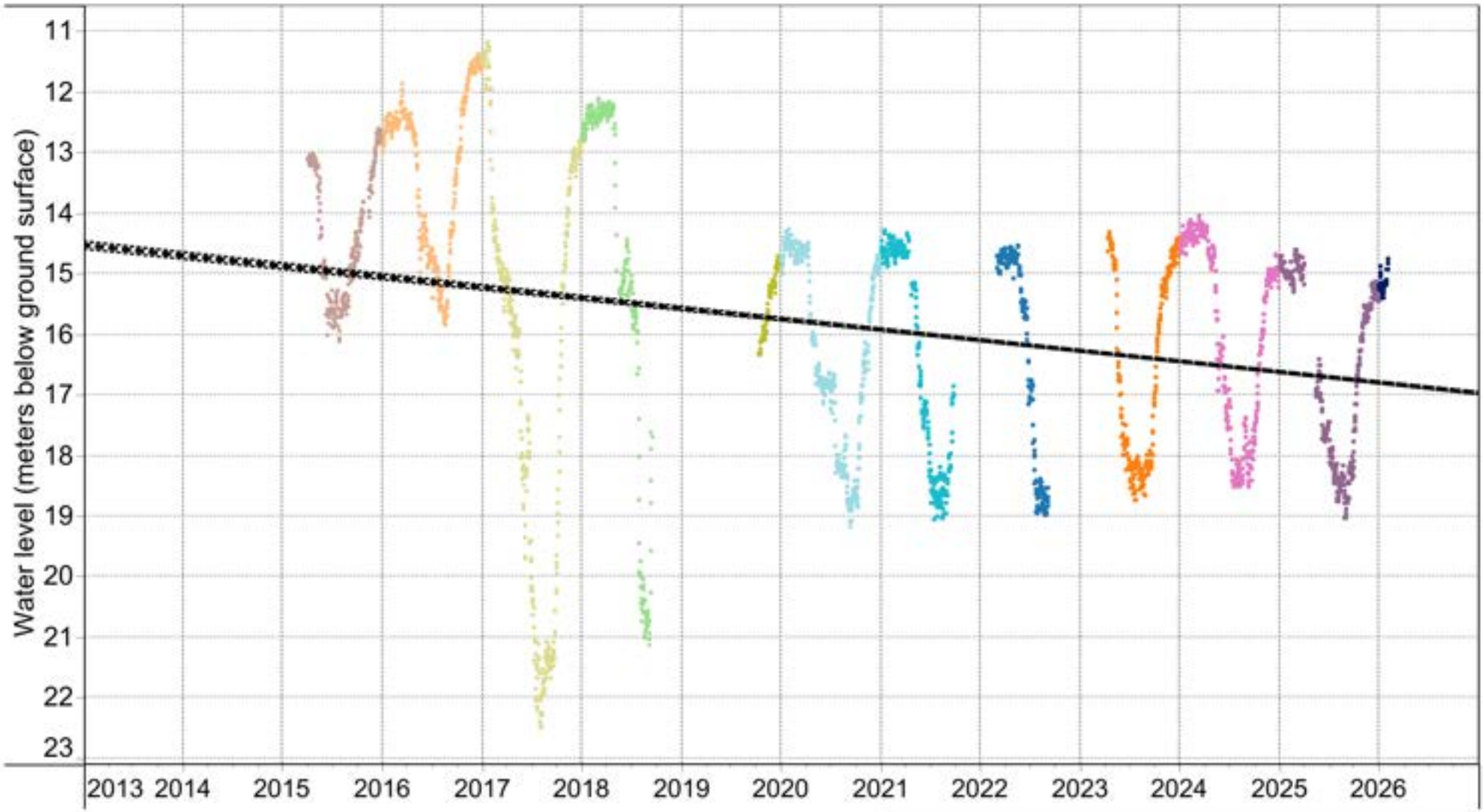
FIGURE 26-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 33 Historical Water Level

Aquifer 214 (Fractured sedimentary bedrock)



YEAR

2026 2025 2024 2023 2022 2021 2020 2019 2018 2017 2016 2015

Linear Trend

FIGURE 27-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

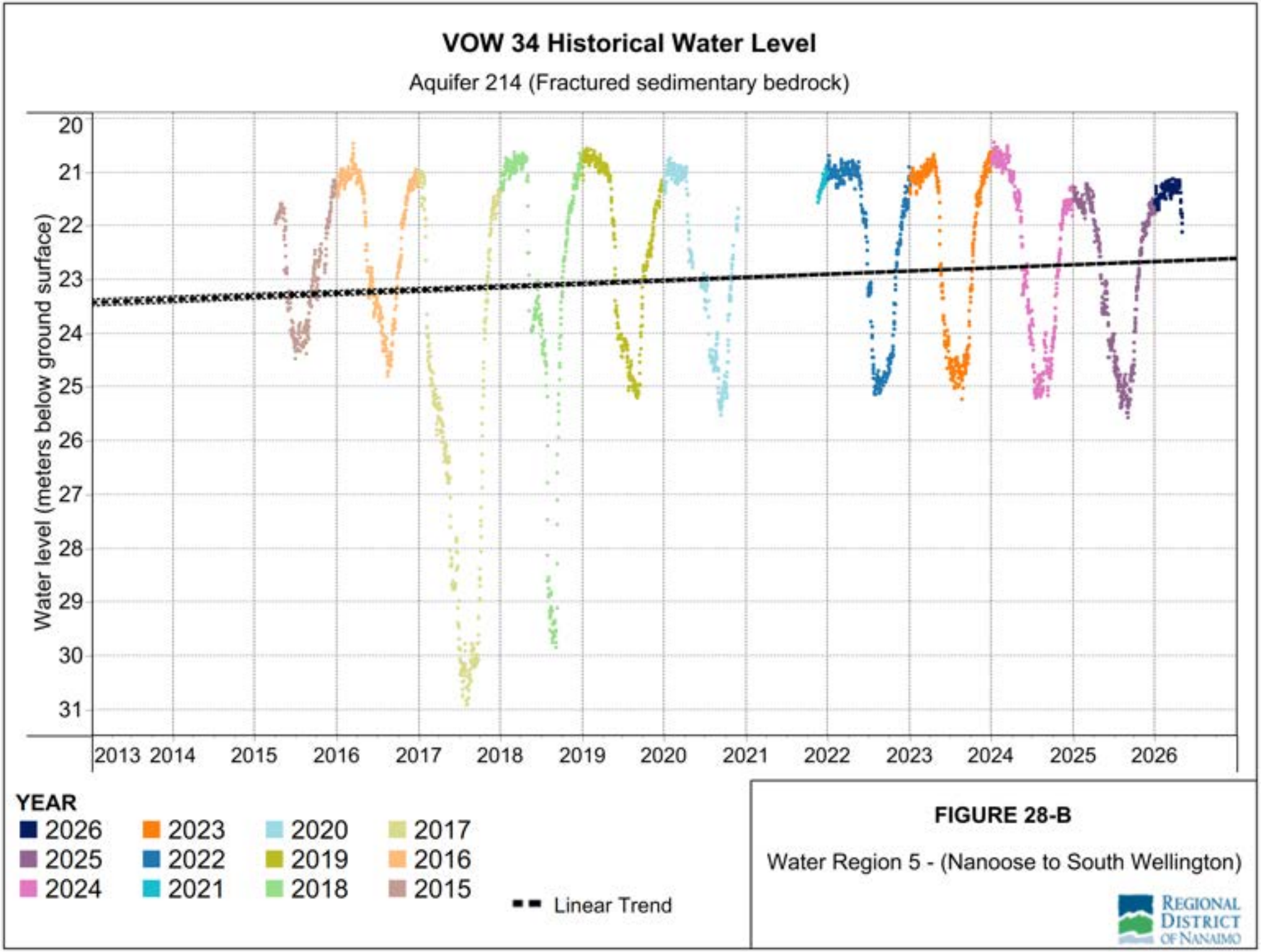


FIGURE 28-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

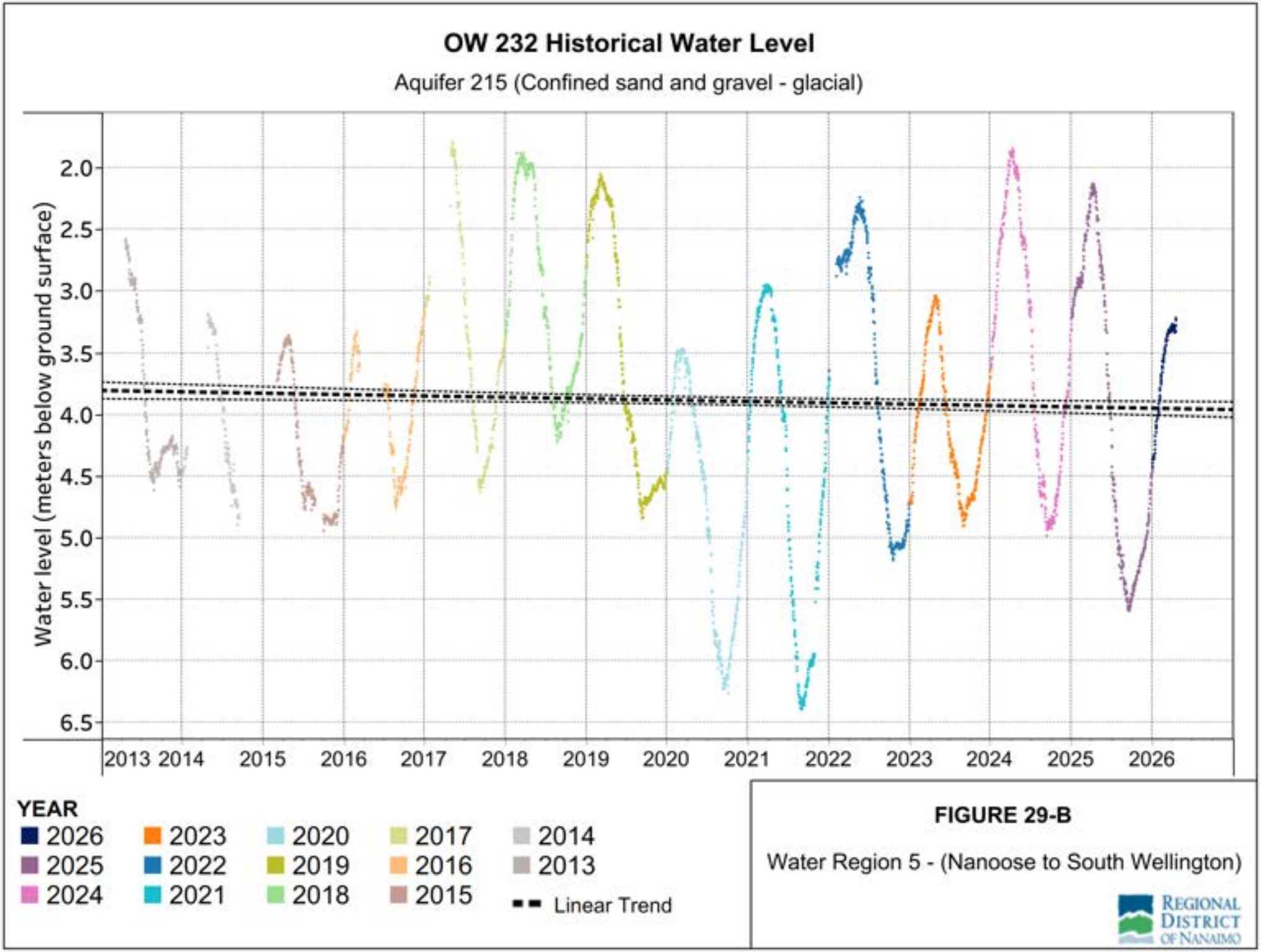


FIGURE 29-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 340 Historical Water Level

Aquifer 215 (Confined sand and gravel - glacial)

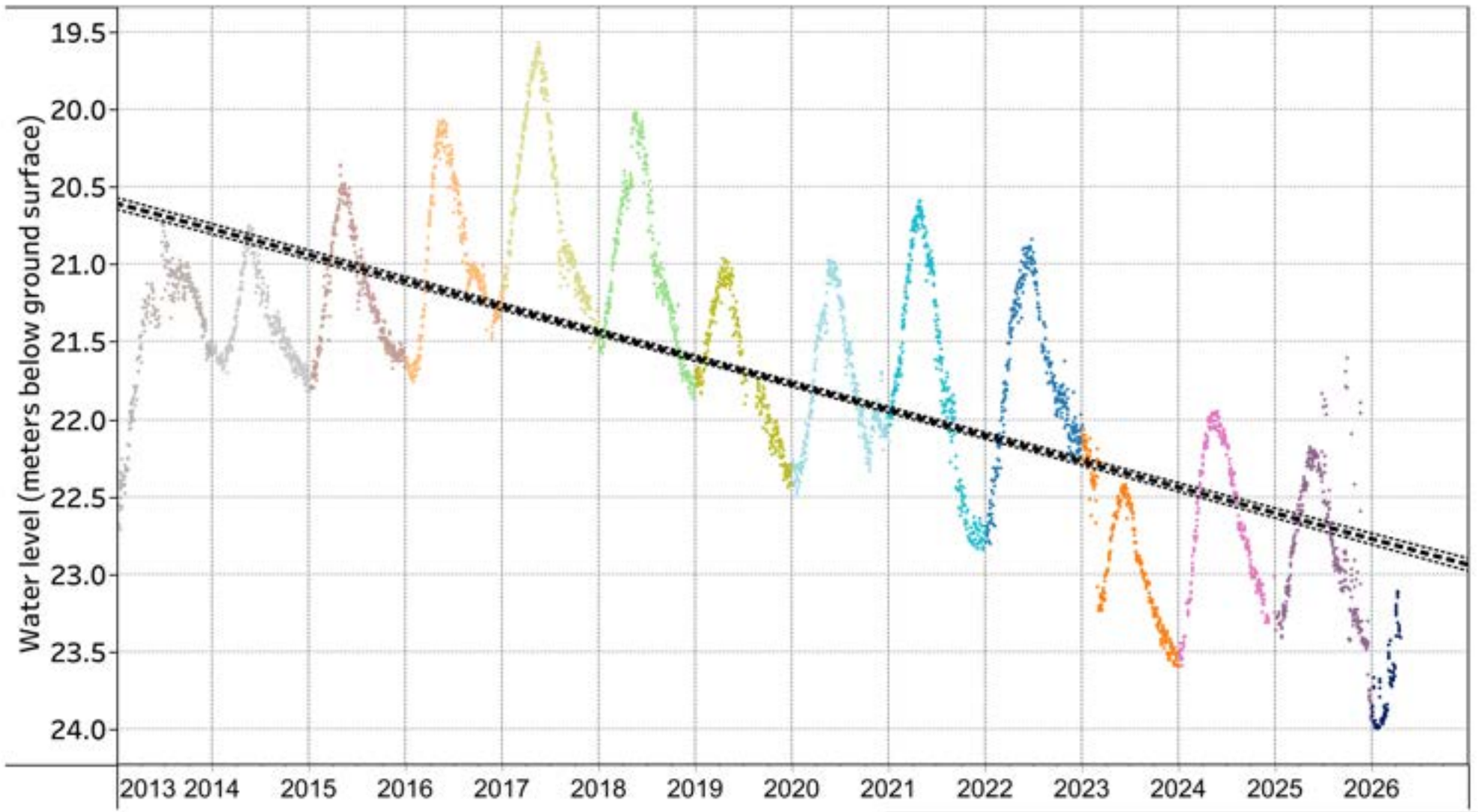


FIGURE 30-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

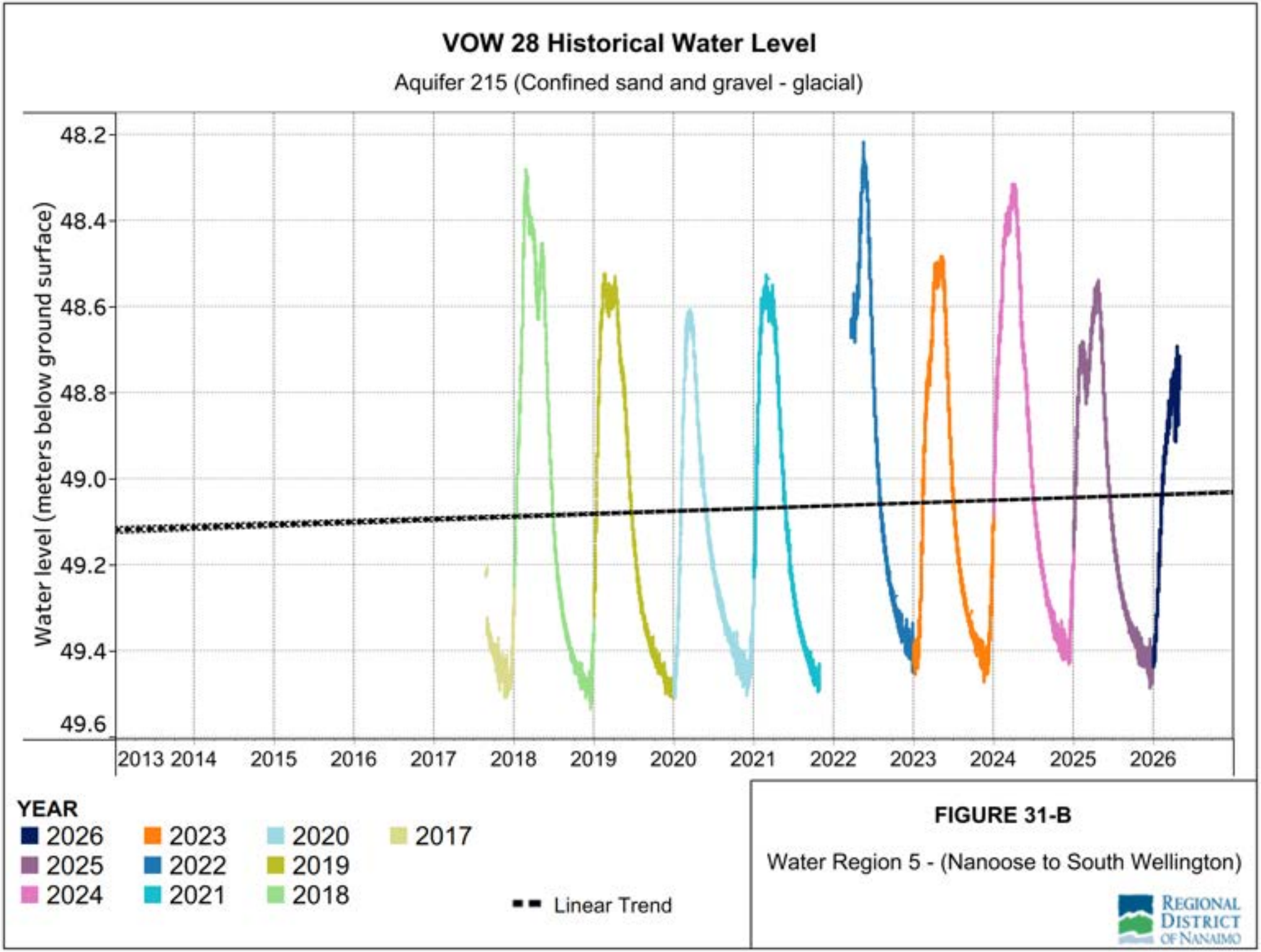


FIGURE 31-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

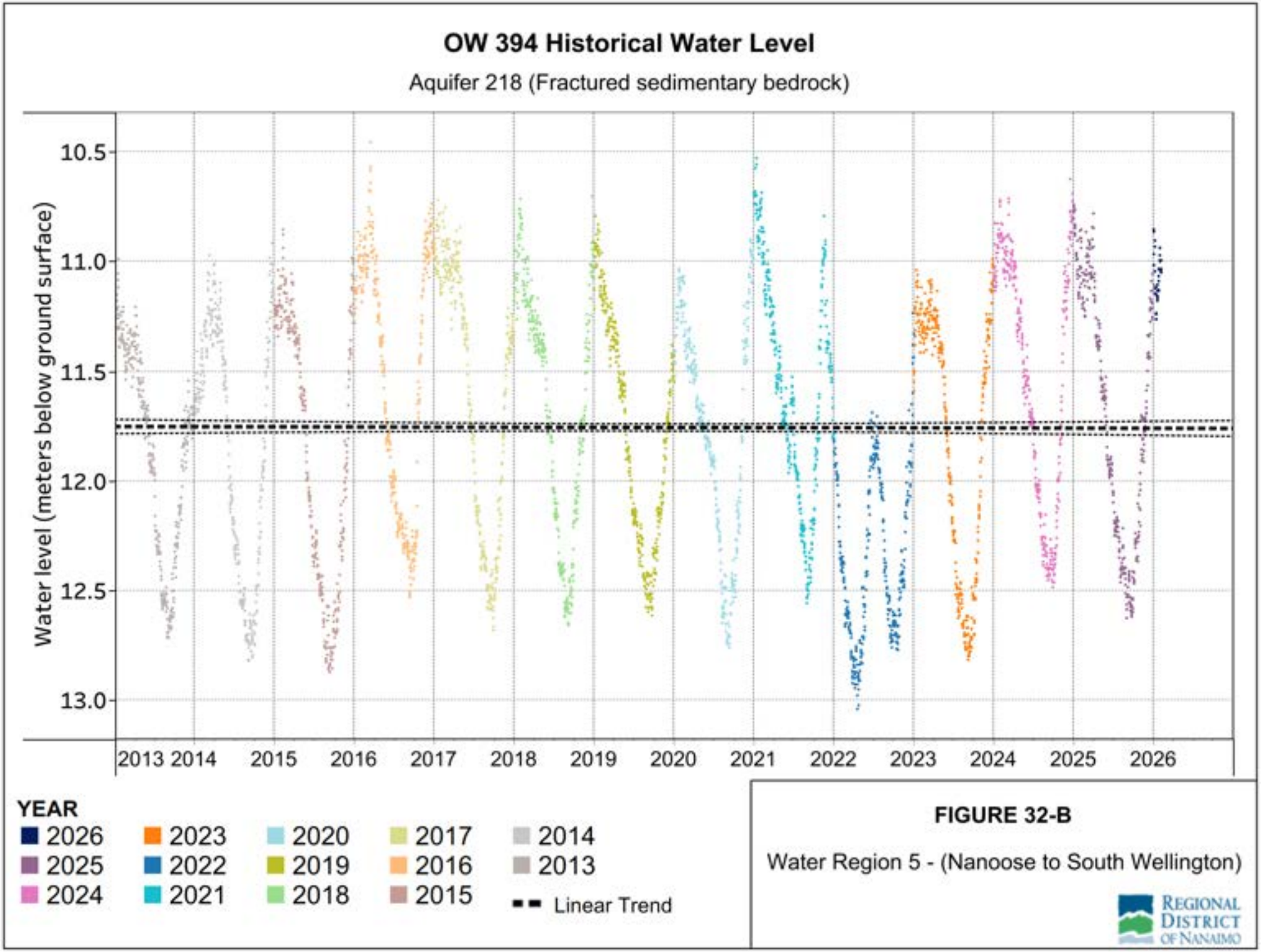
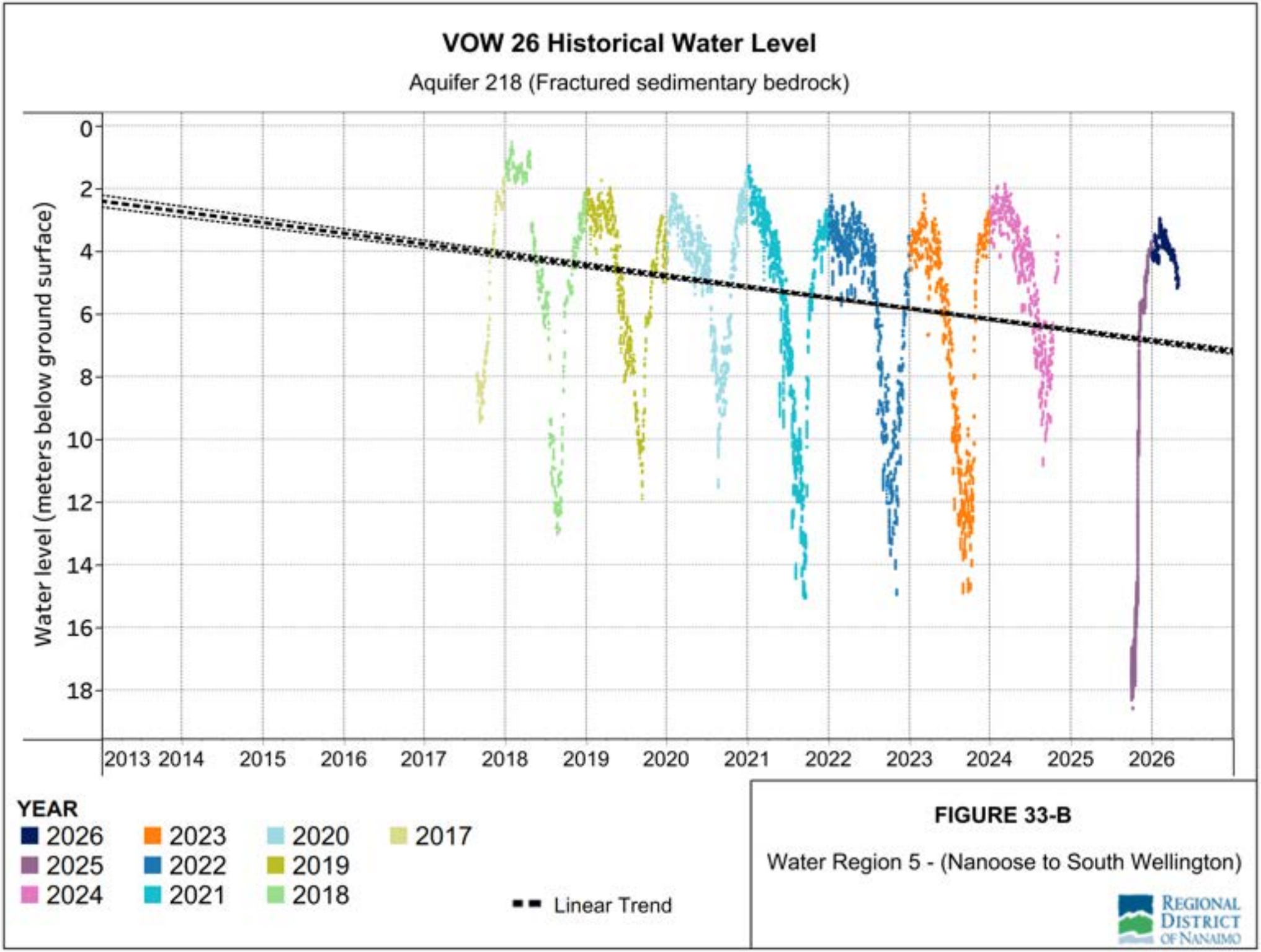


FIGURE 32-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO


VOW 26 Historical Water Level
Aquifer 218 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
0
2
4
6
8
10
12
14
16
18
2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
Linear Trend
FIGURE 33-B
Water Region 5 - (Nanoose to South Wellington)
Regional District of Nanaimo

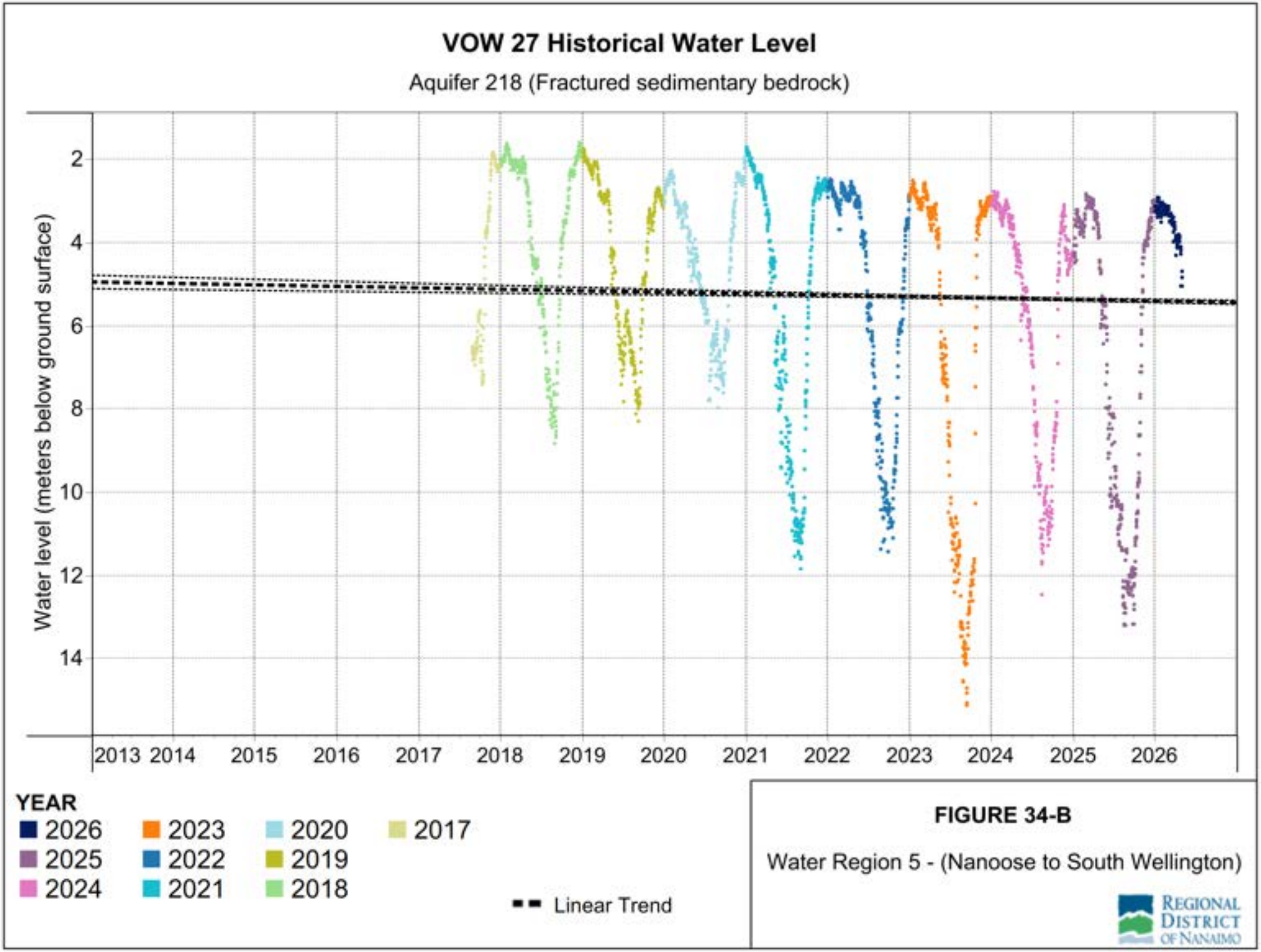


FIGURE 34-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

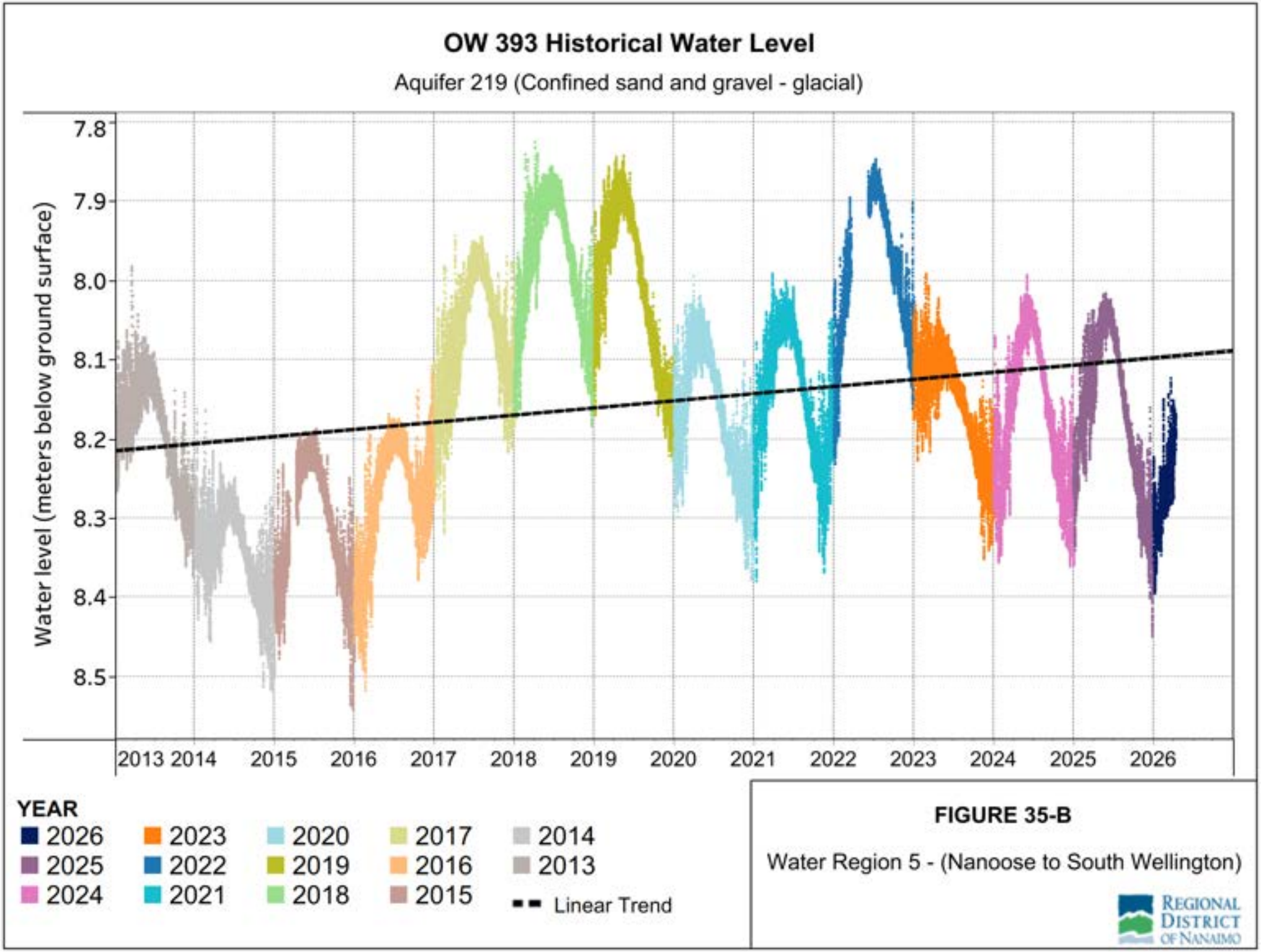


FIGURE 35-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 396 Historical Water Level

Aquifer 219 (Confined sand and gravel - glacial)

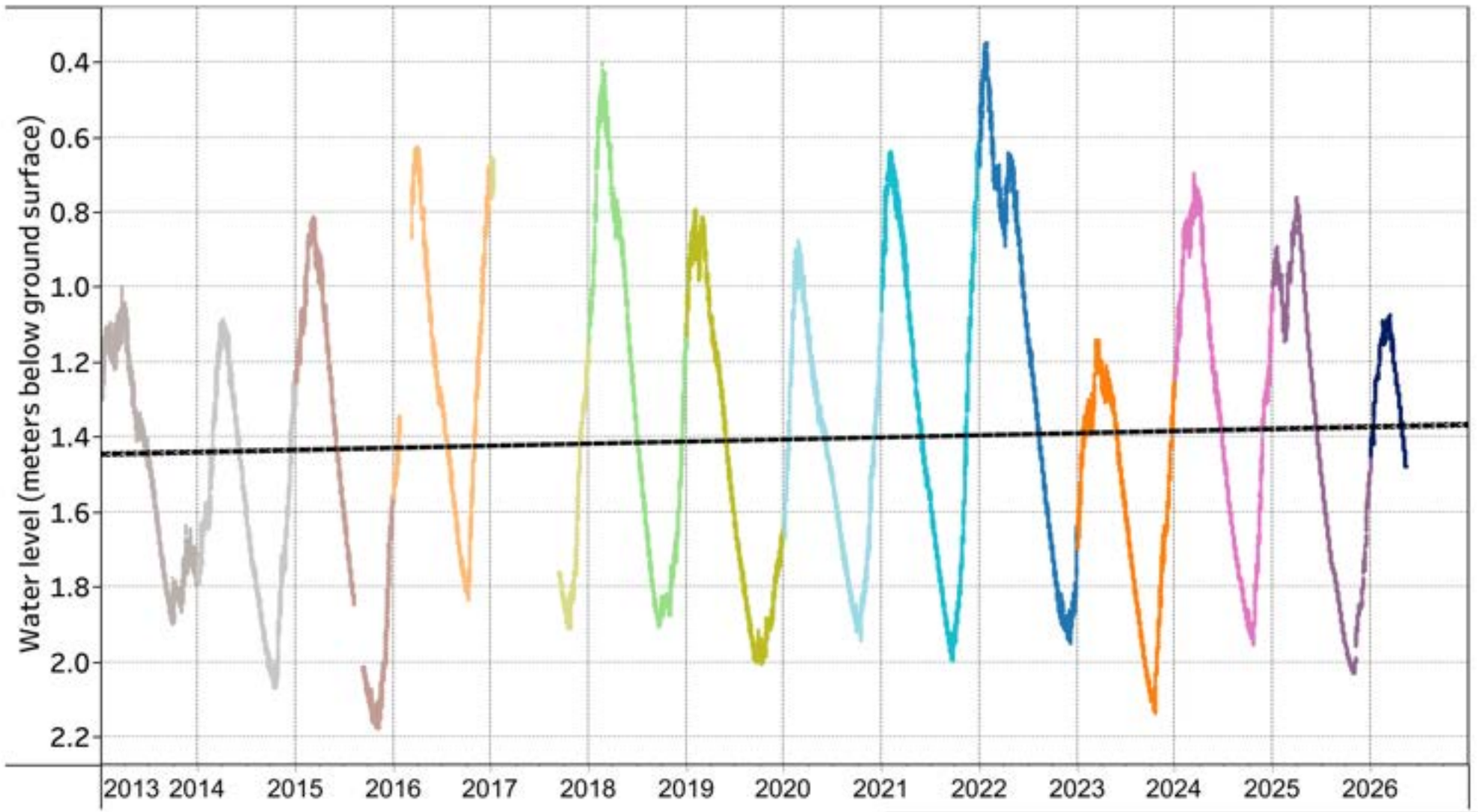


FIGURE 36-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

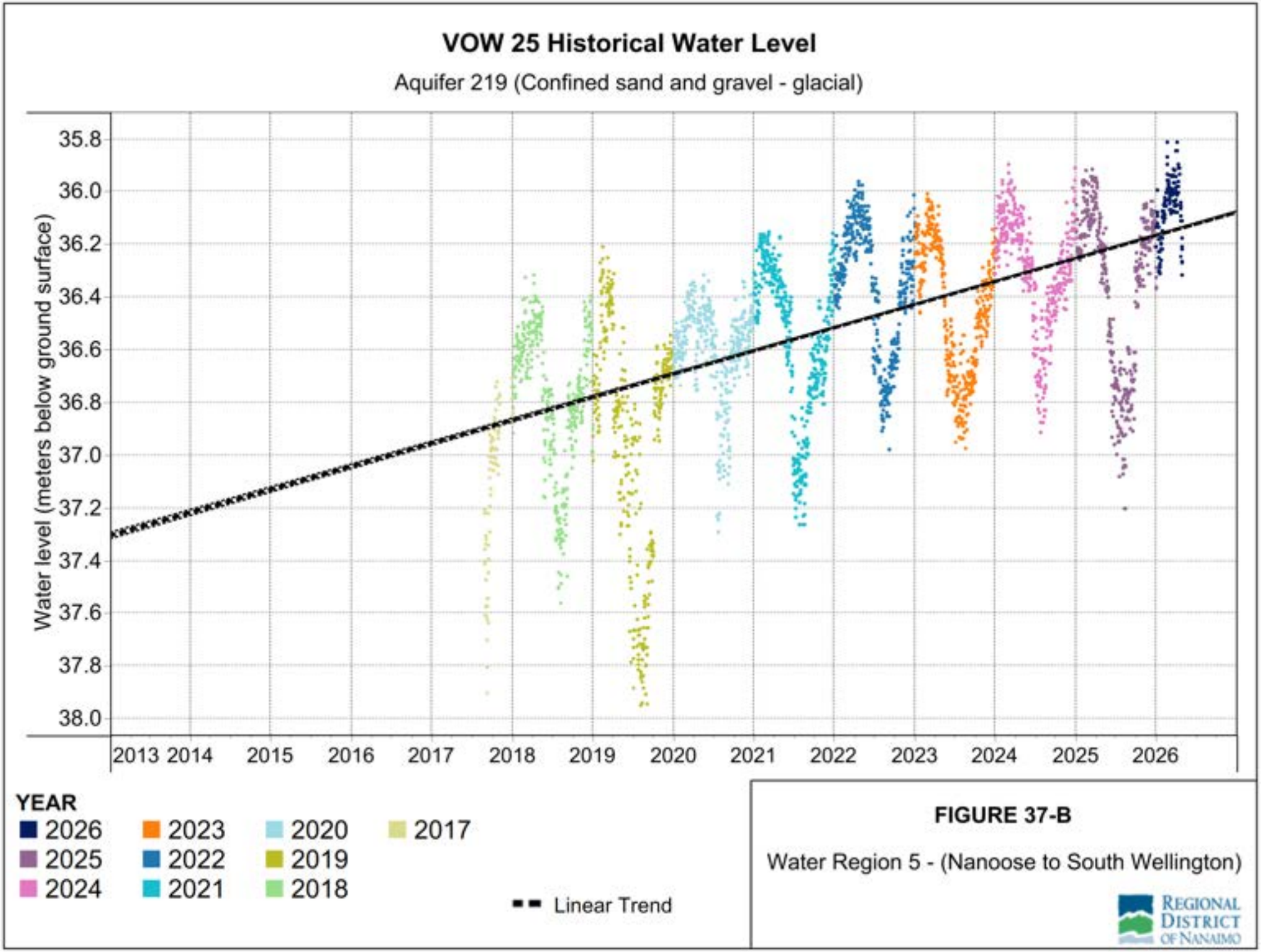


FIGURE 37-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

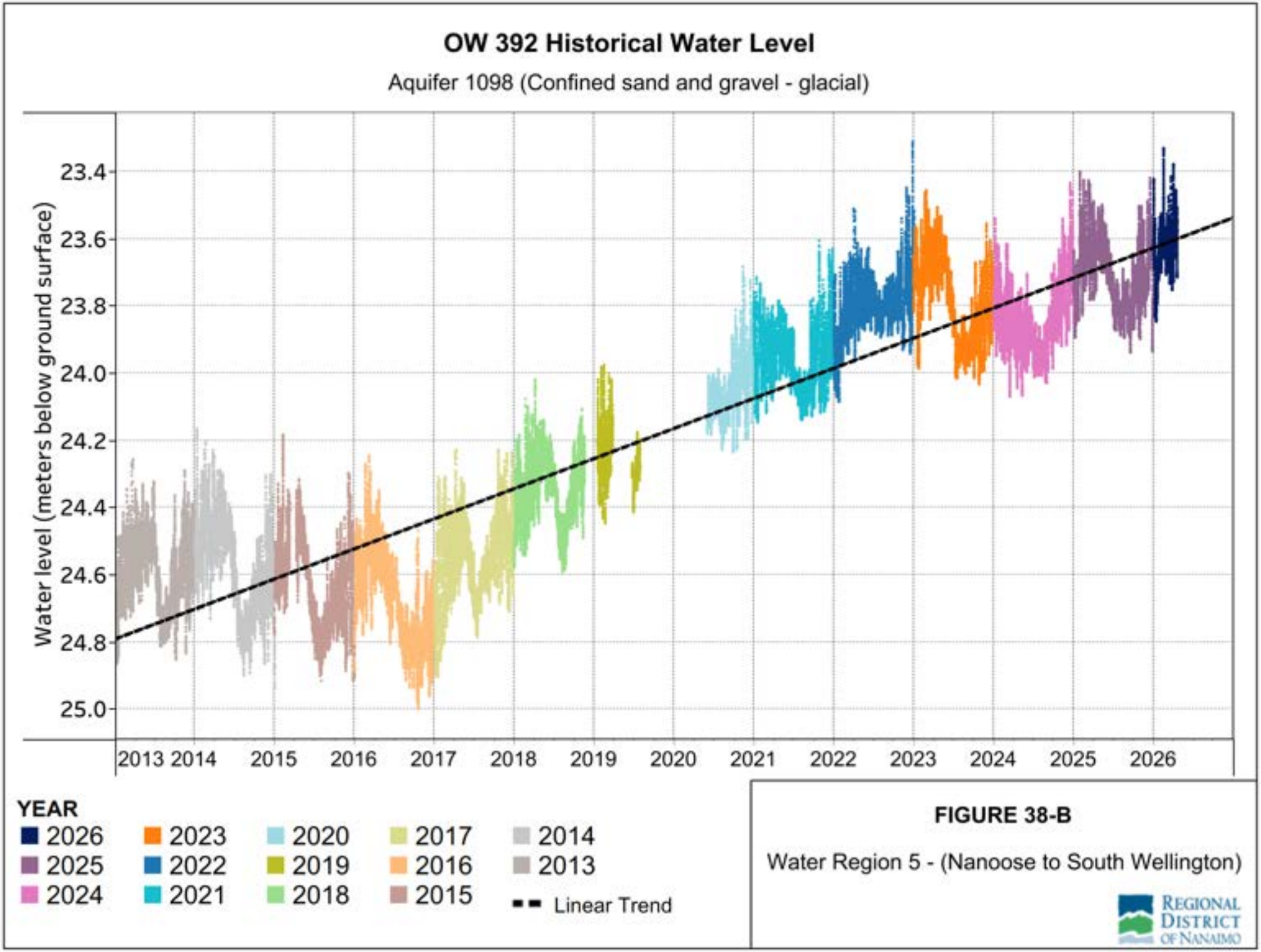


FIGURE 38-B

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

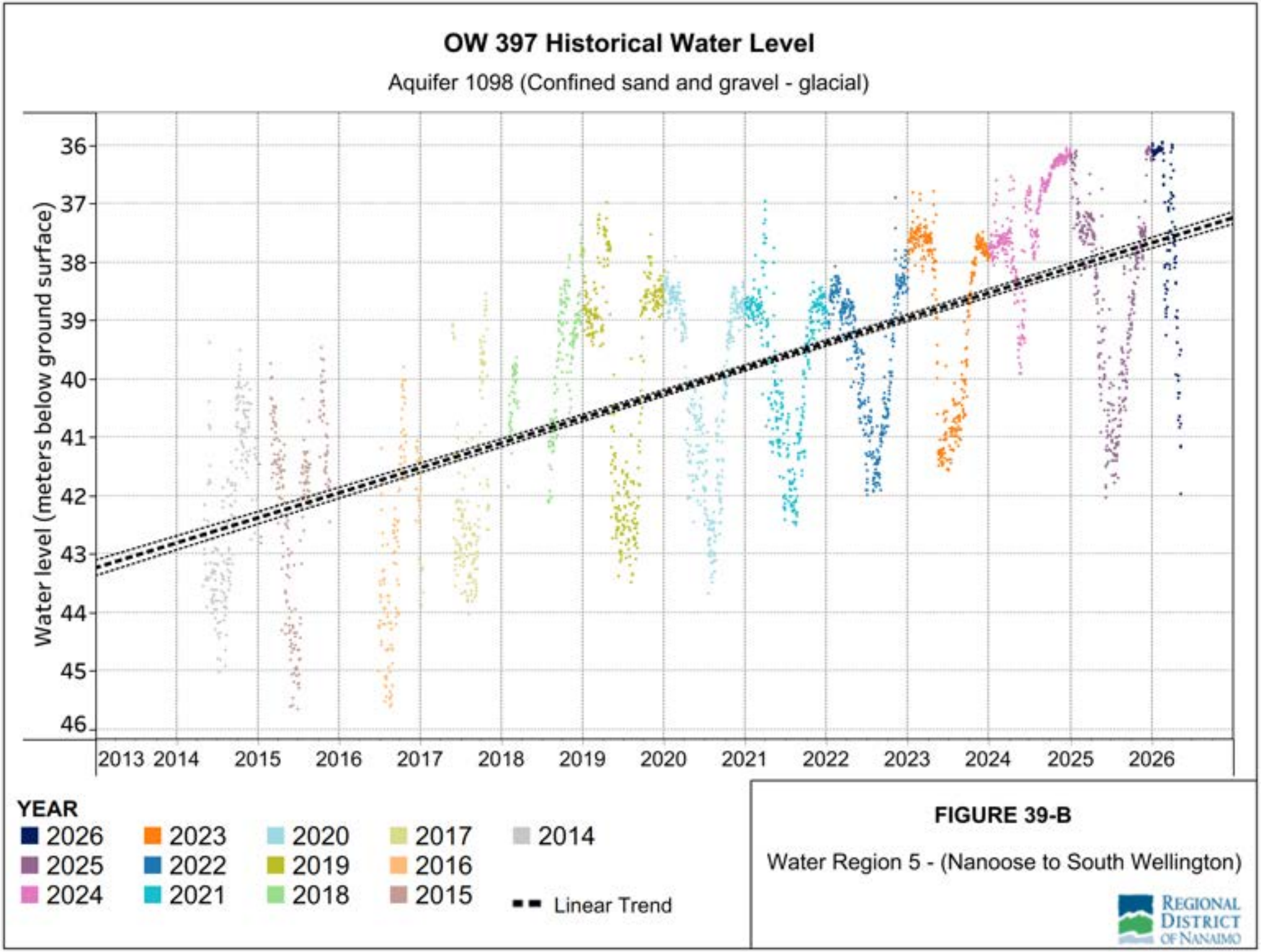


FIGURE 39-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

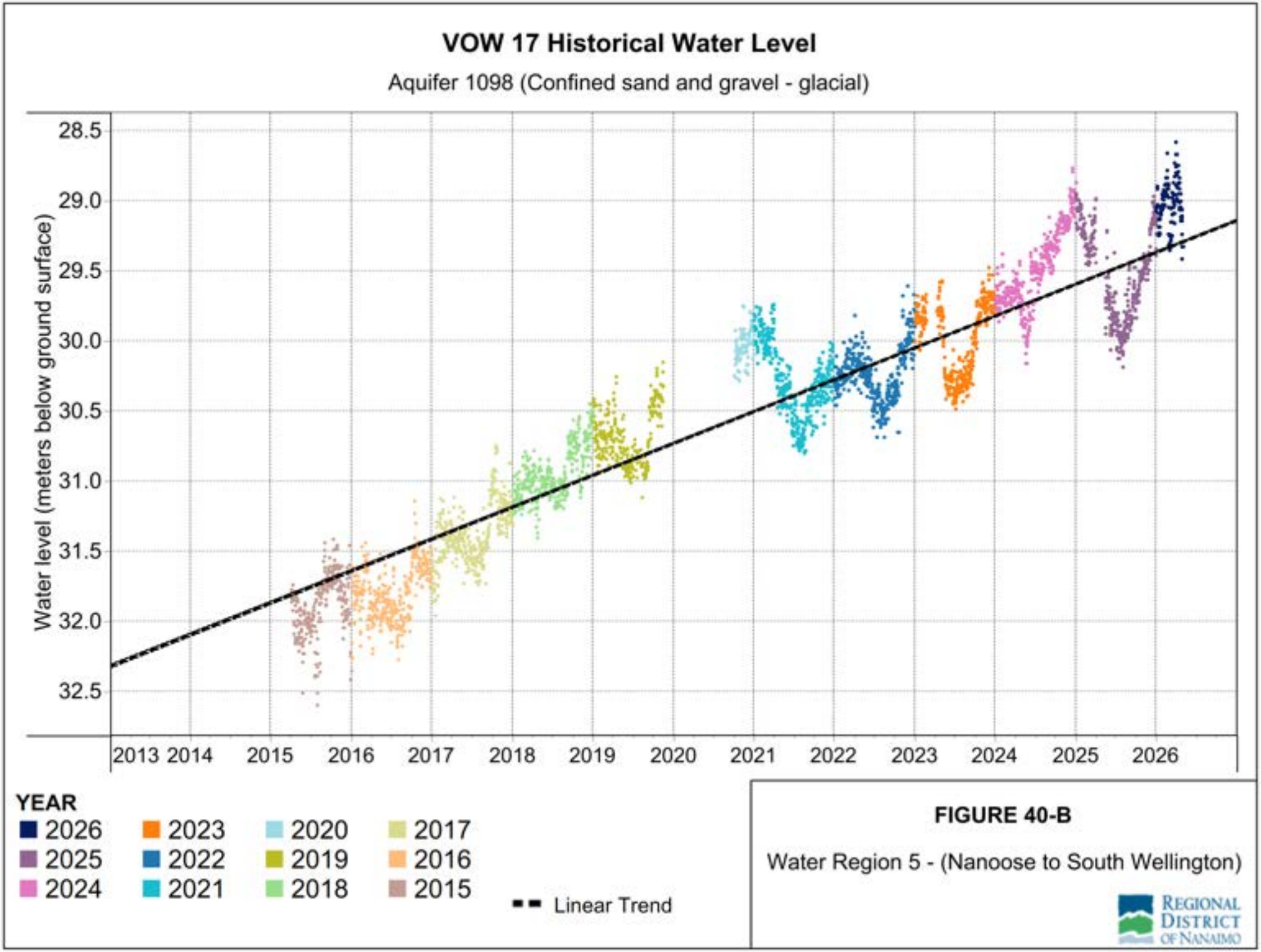


FIGURE 40-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

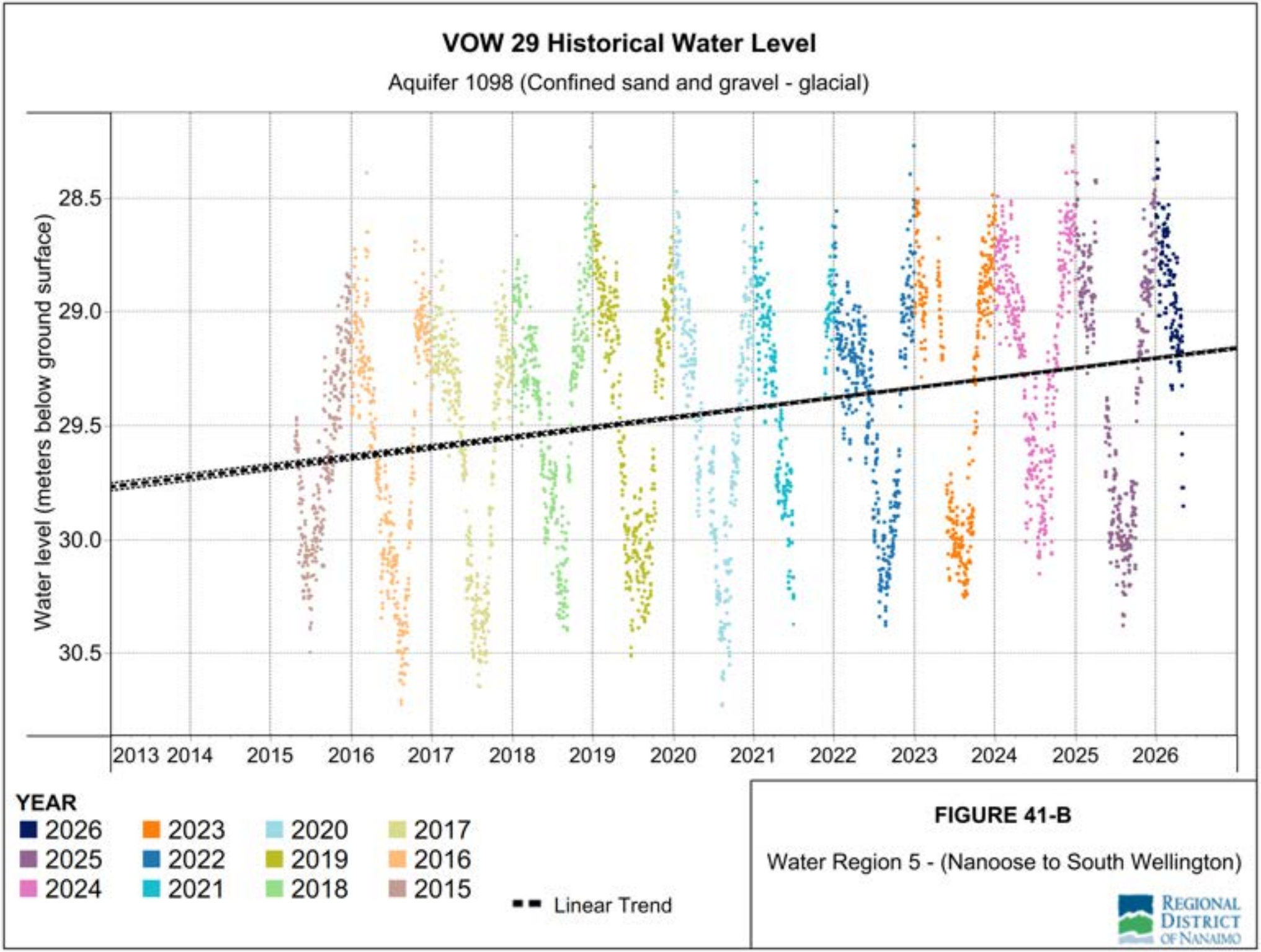


FIGURE 41-B

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

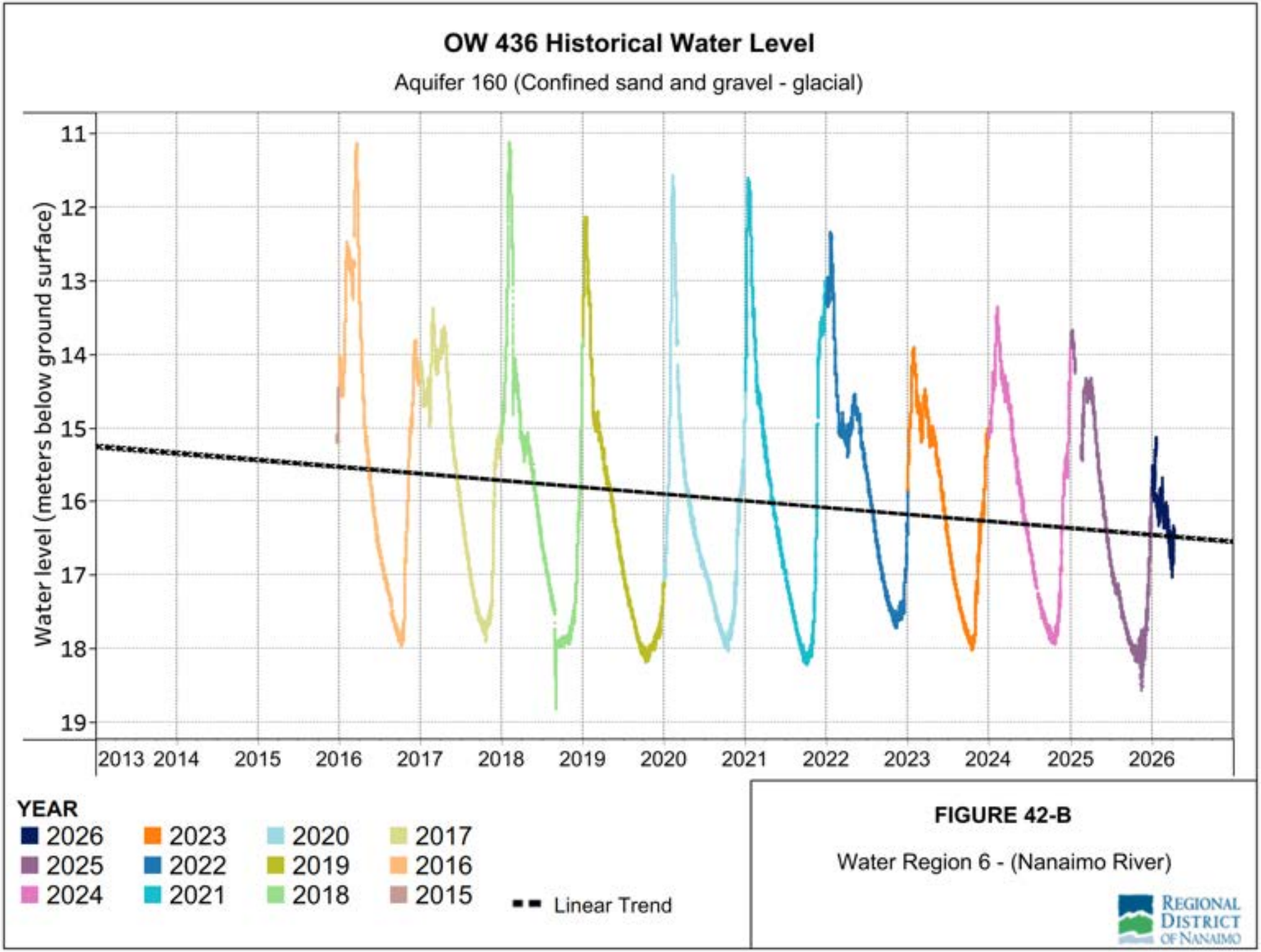


FIGURE 42-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

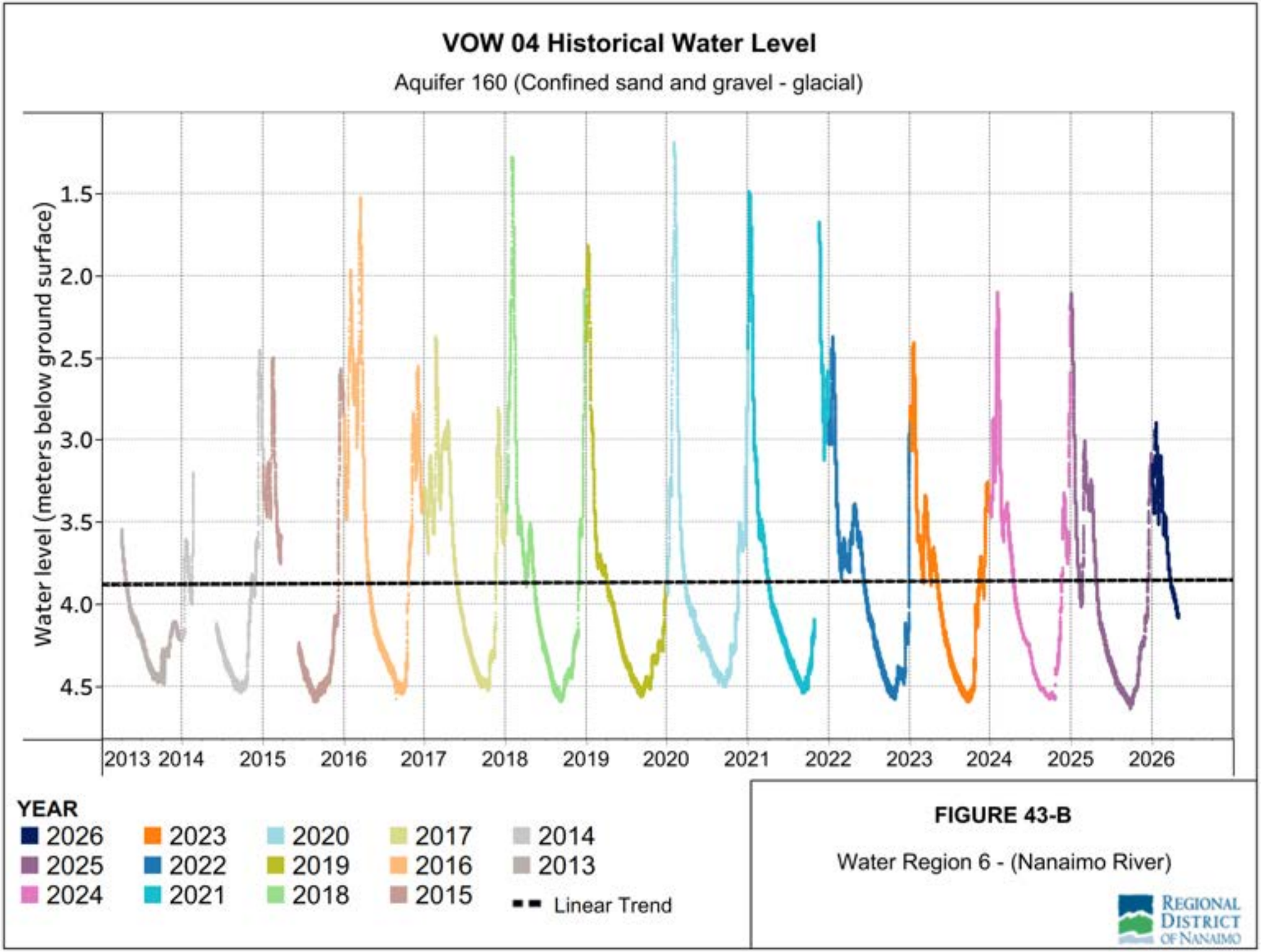
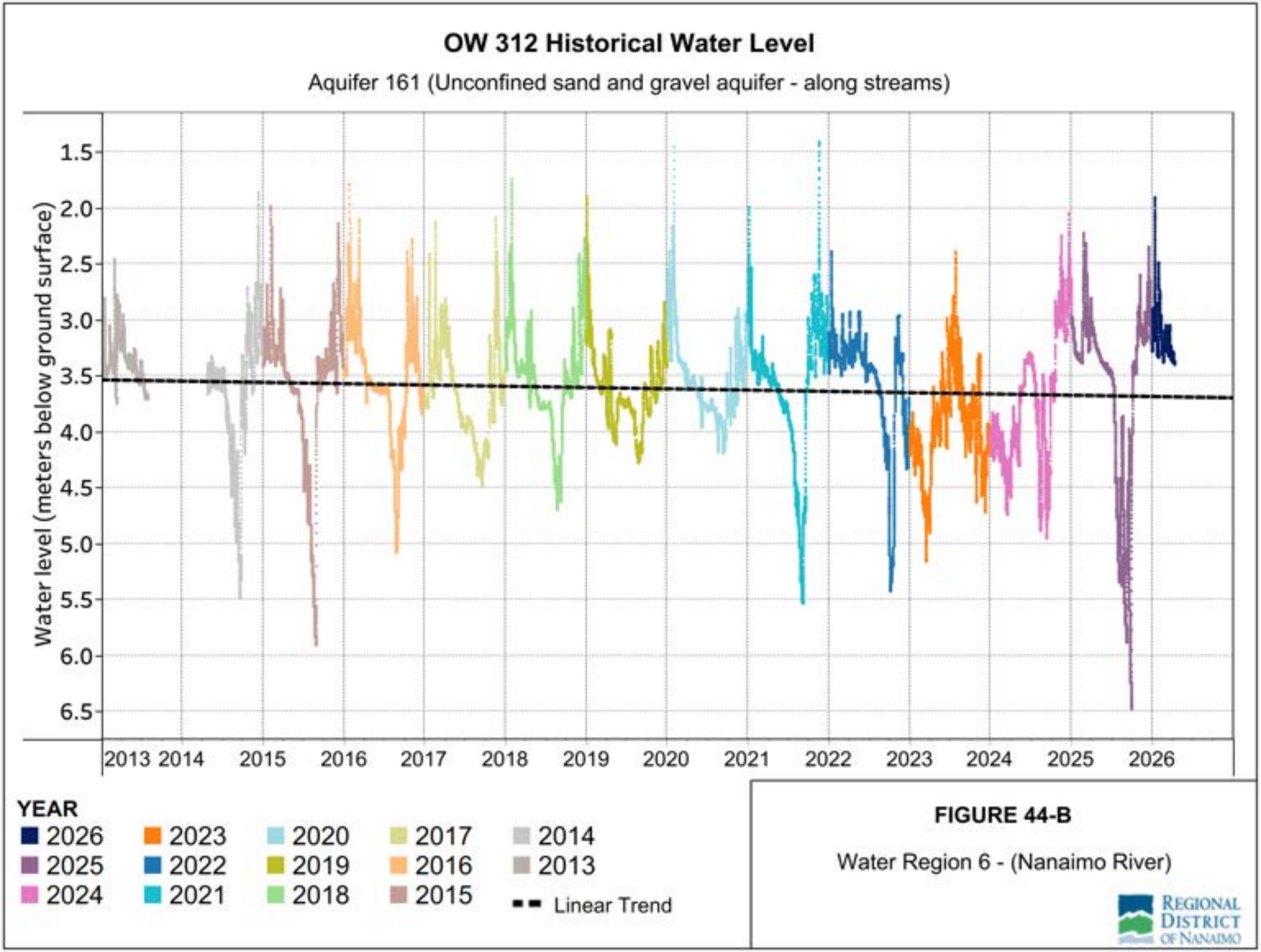


FIGURE 43-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo


OW 312 Historical Water Level
Aquifer 161 (Unconfined sand and gravel aquifer - along streams)
Water level (meters below ground surface)
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
2016
2015
2014
2013
Linear Trend
FIGURE 44-B
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo

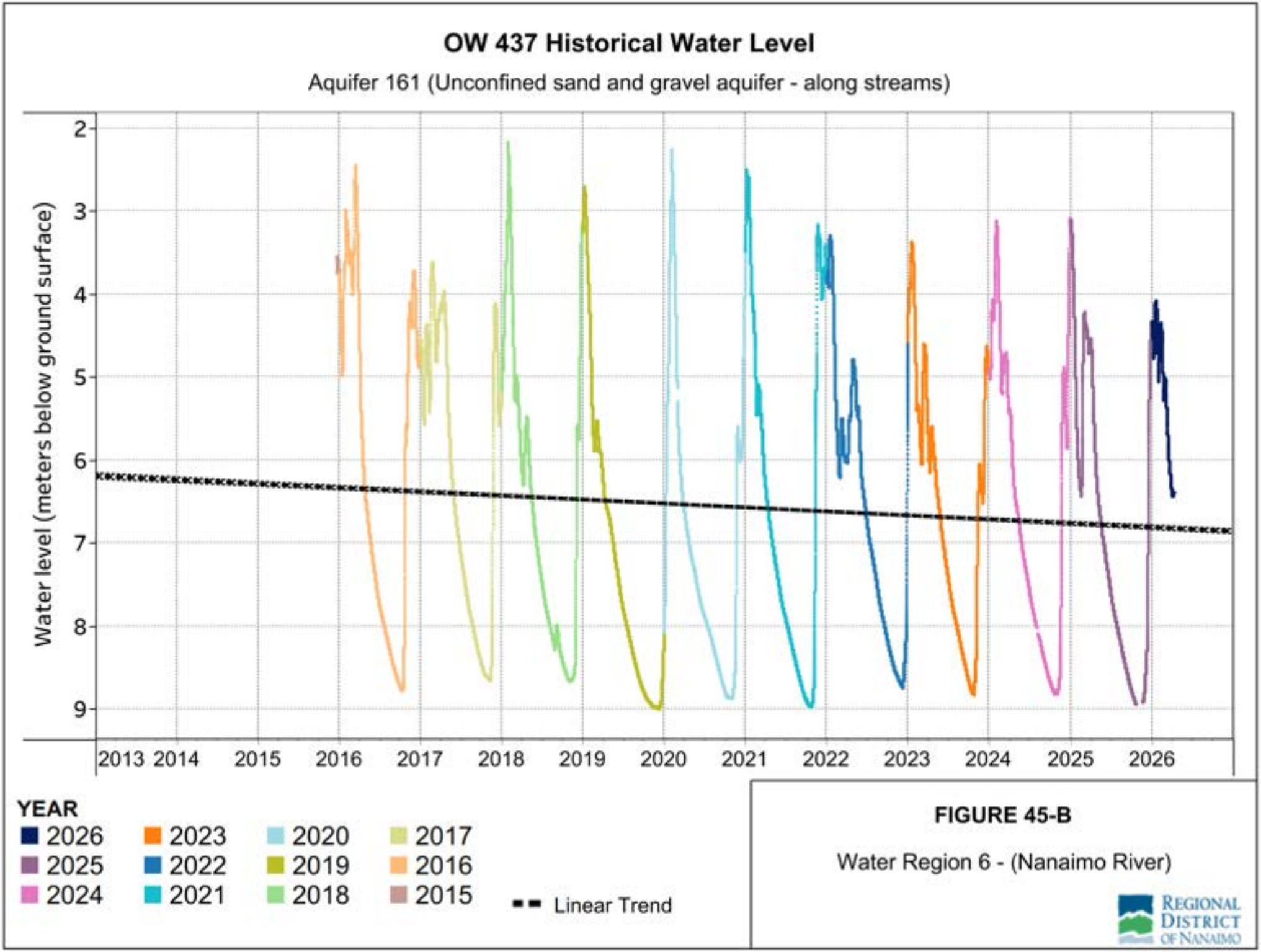


FIGURE 45-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

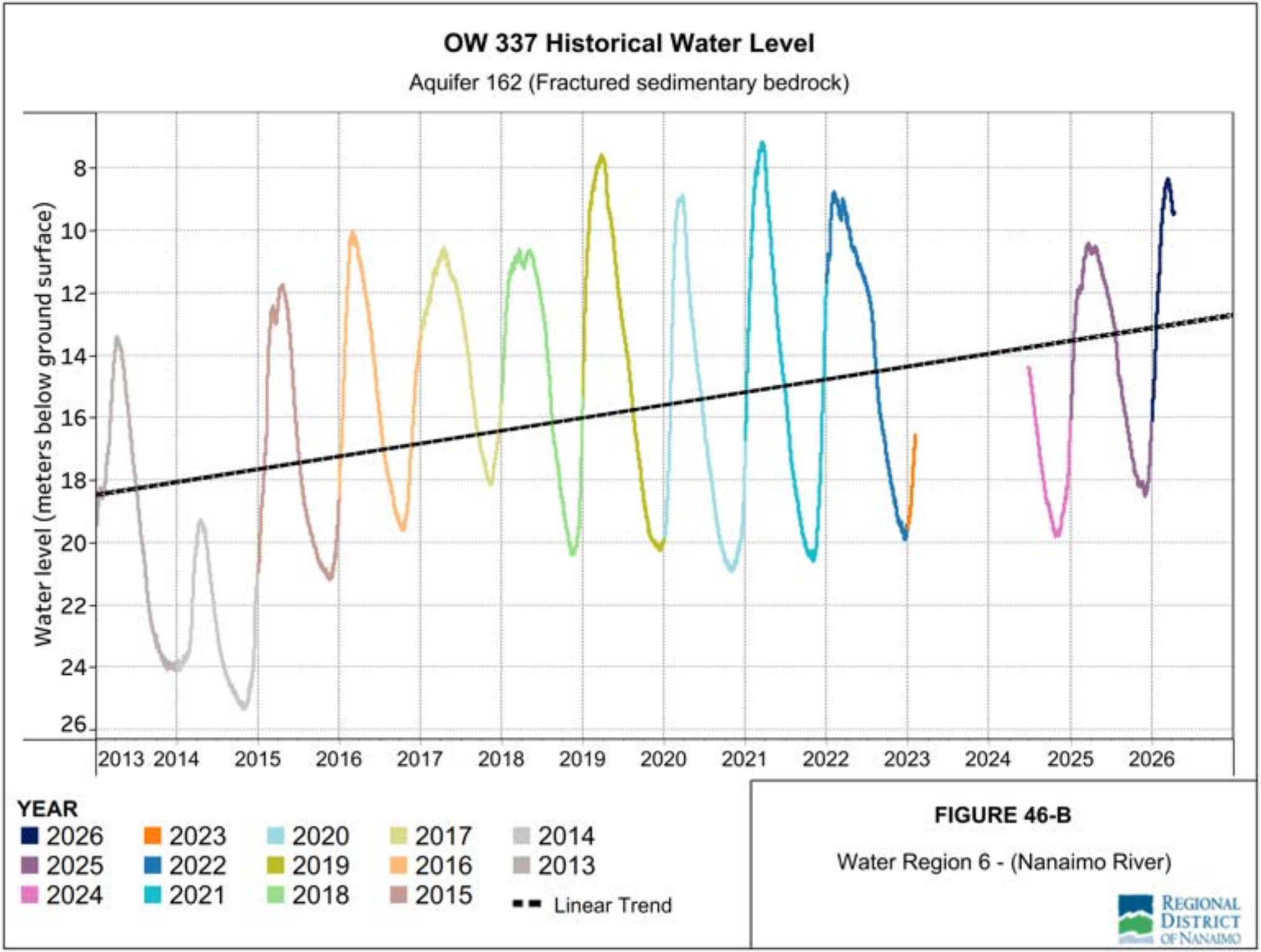


FIGURE 46-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 390 Historical Water Level

Aquifer 162 (Fractured sedimentary bedrock)

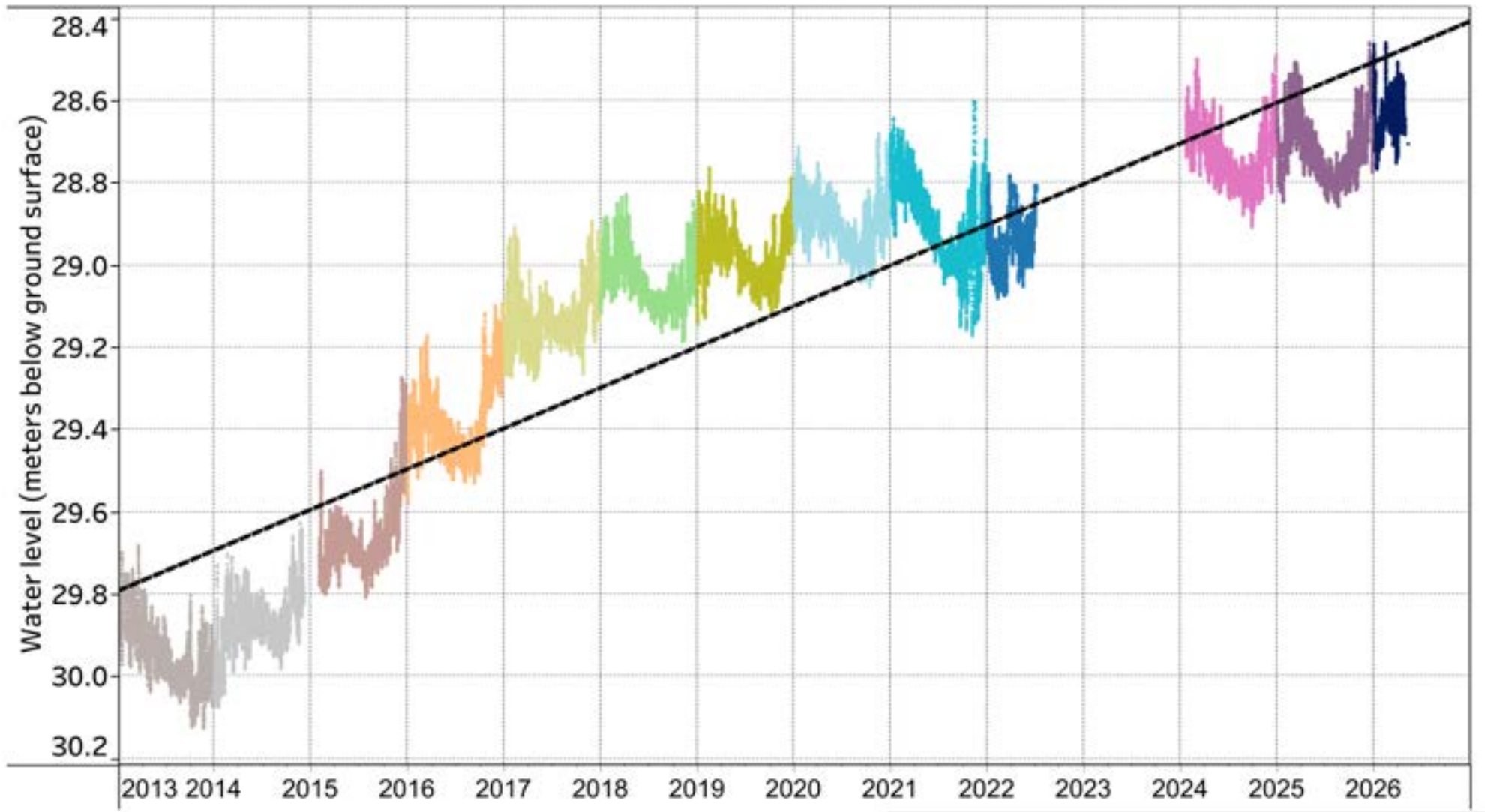


FIGURE 47-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 432 Historical Water Level

Aquifer 162 (Fractured sedimentary bedrock)

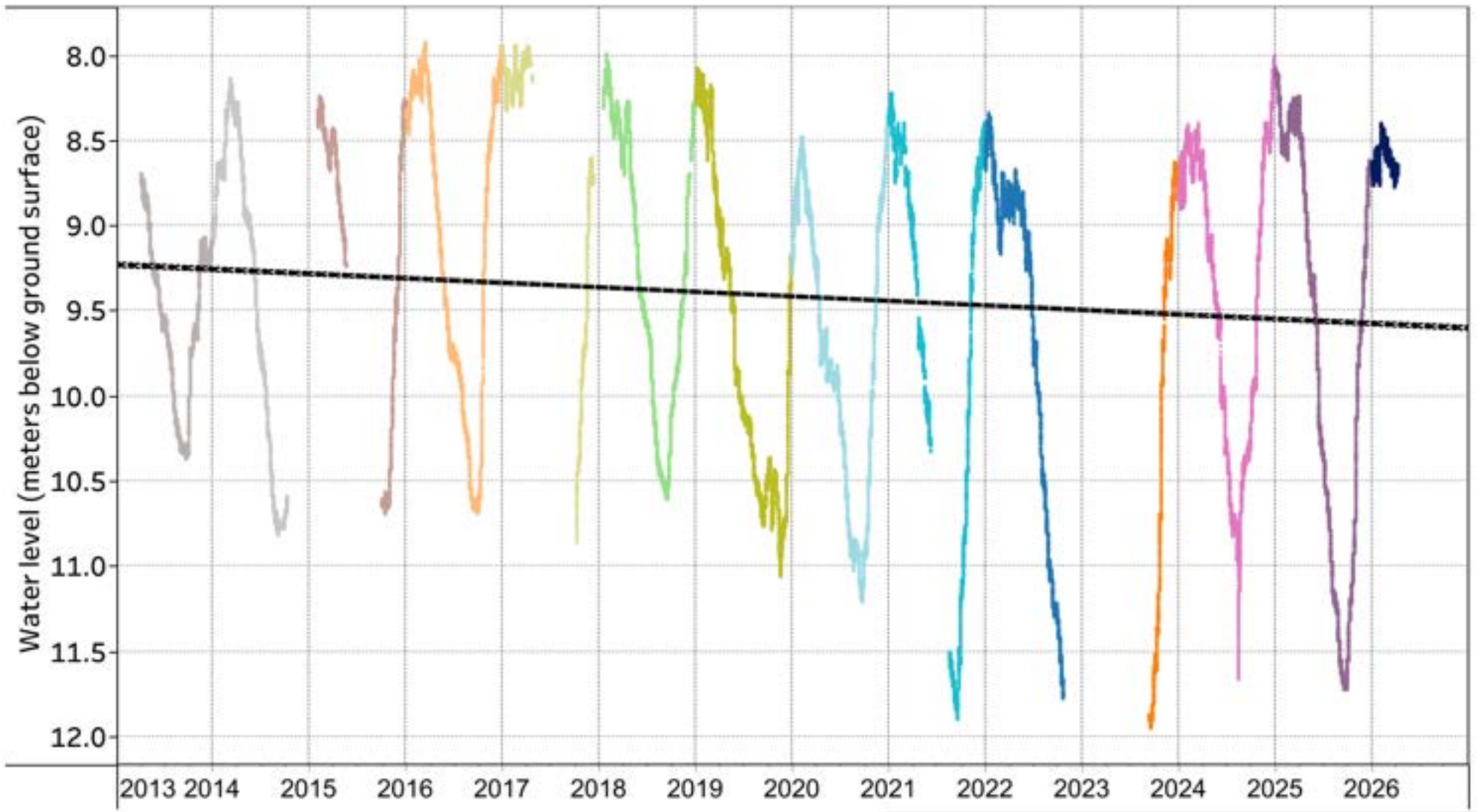


FIGURE 48-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

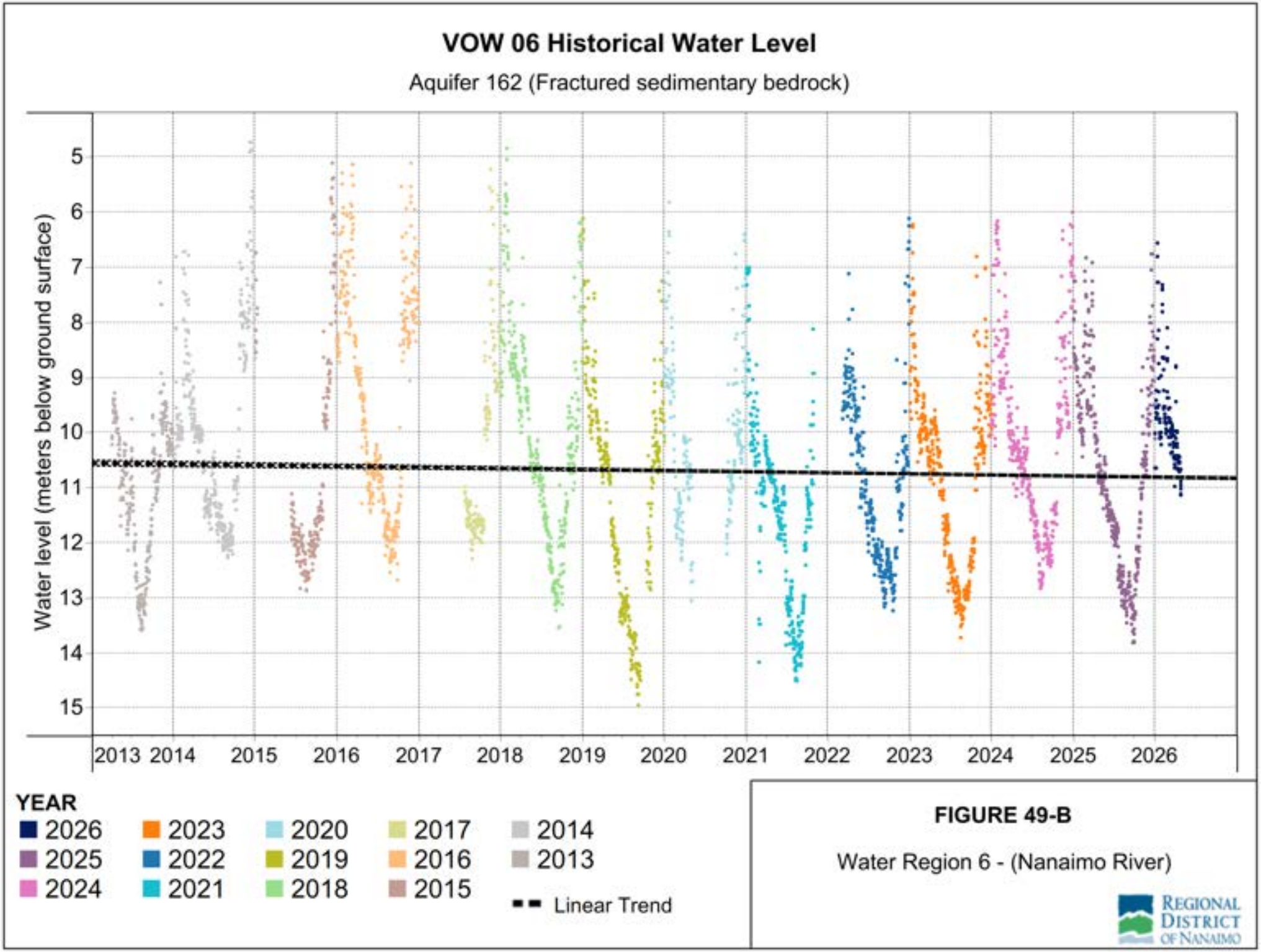
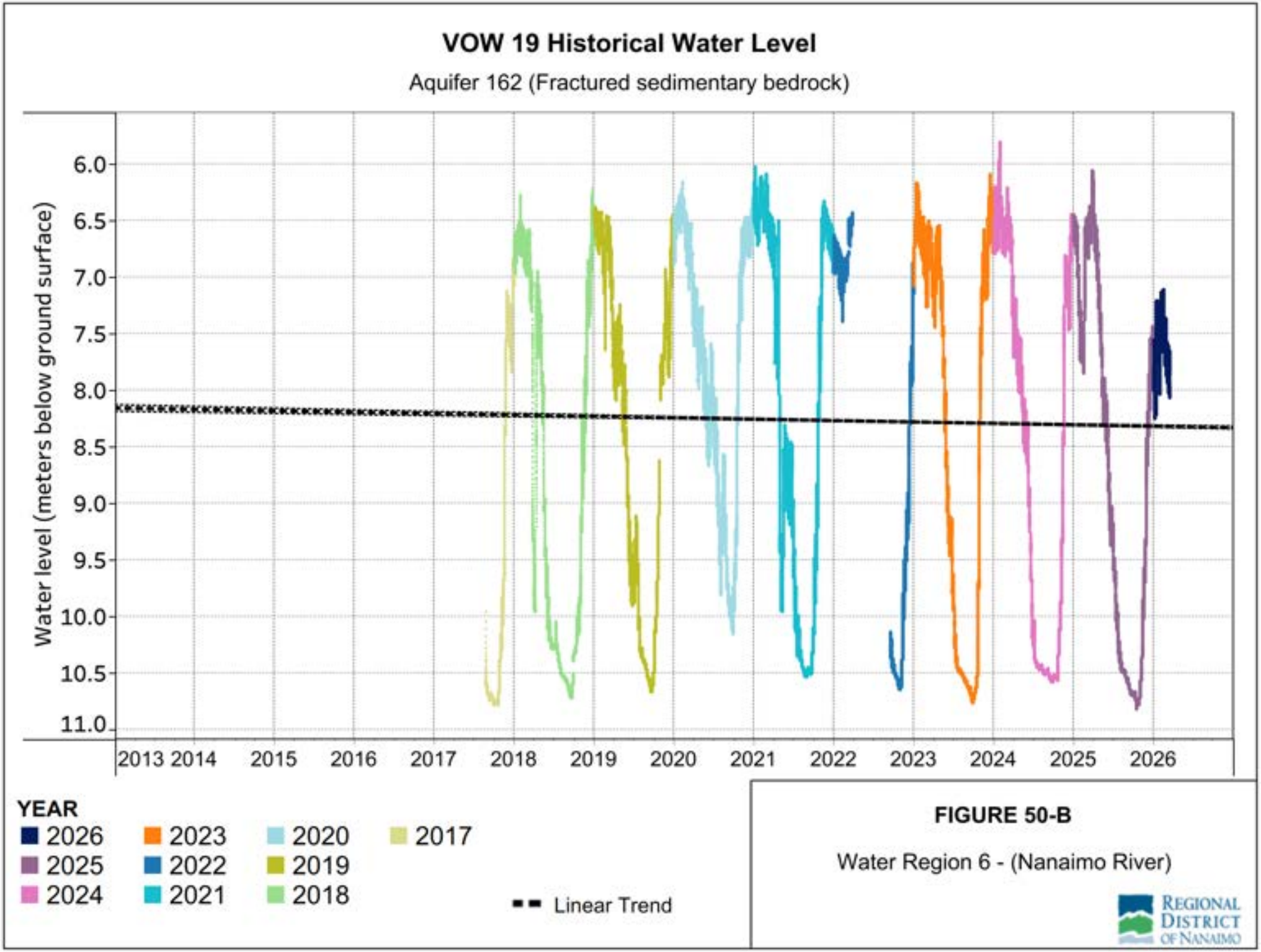


FIGURE 49-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo


VOW 19 Historical Water Level
Aquifer 162 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
6.0
6.5
7.0
7.5
8.0
8.5
9.0
9.5
10.0
10.5
11.0
2013 2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
Linear Trend
FIGURE 50-B
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo

VOW 21 Historical Water Level

Aquifer 162 (Fractured sedimentary bedrock)

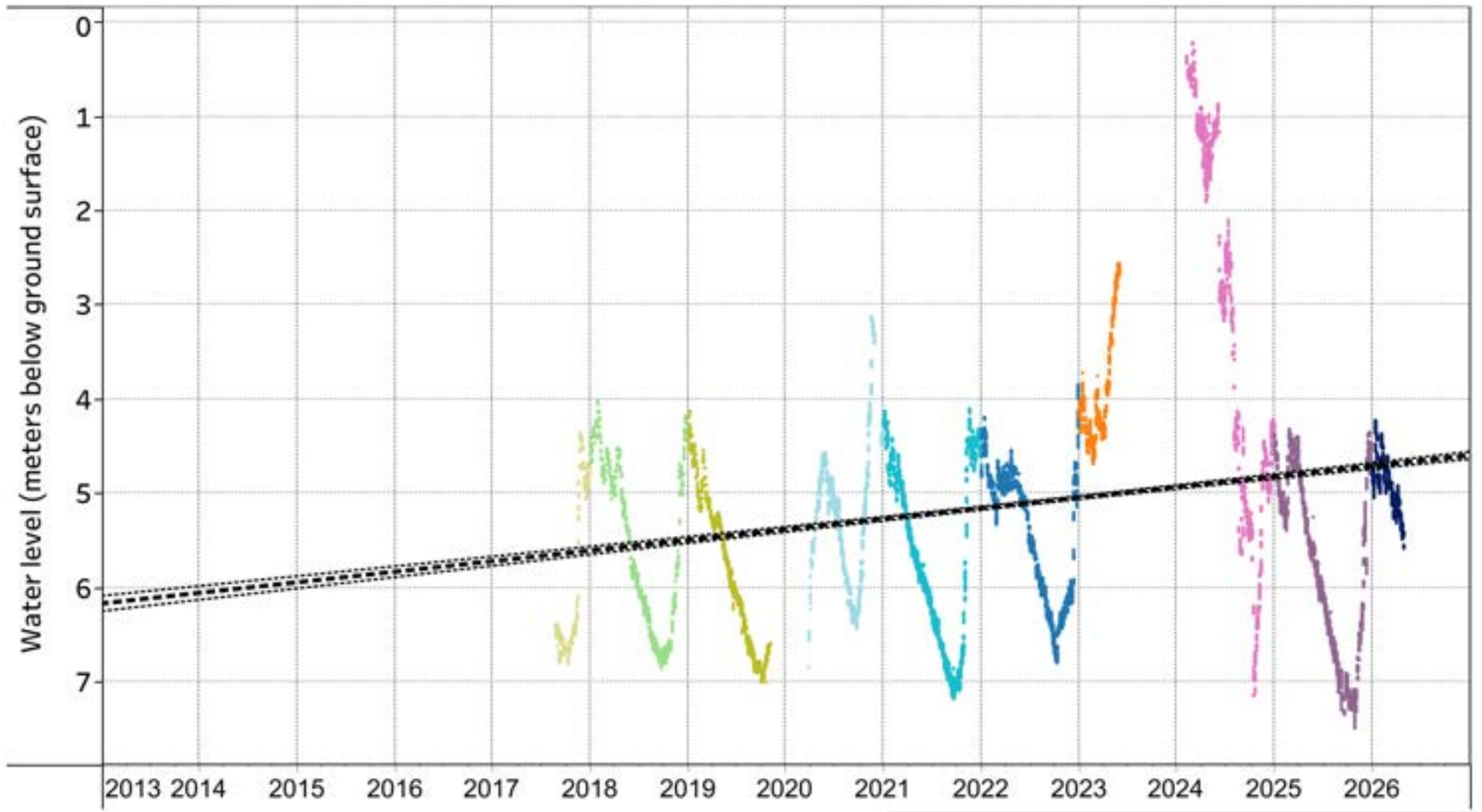
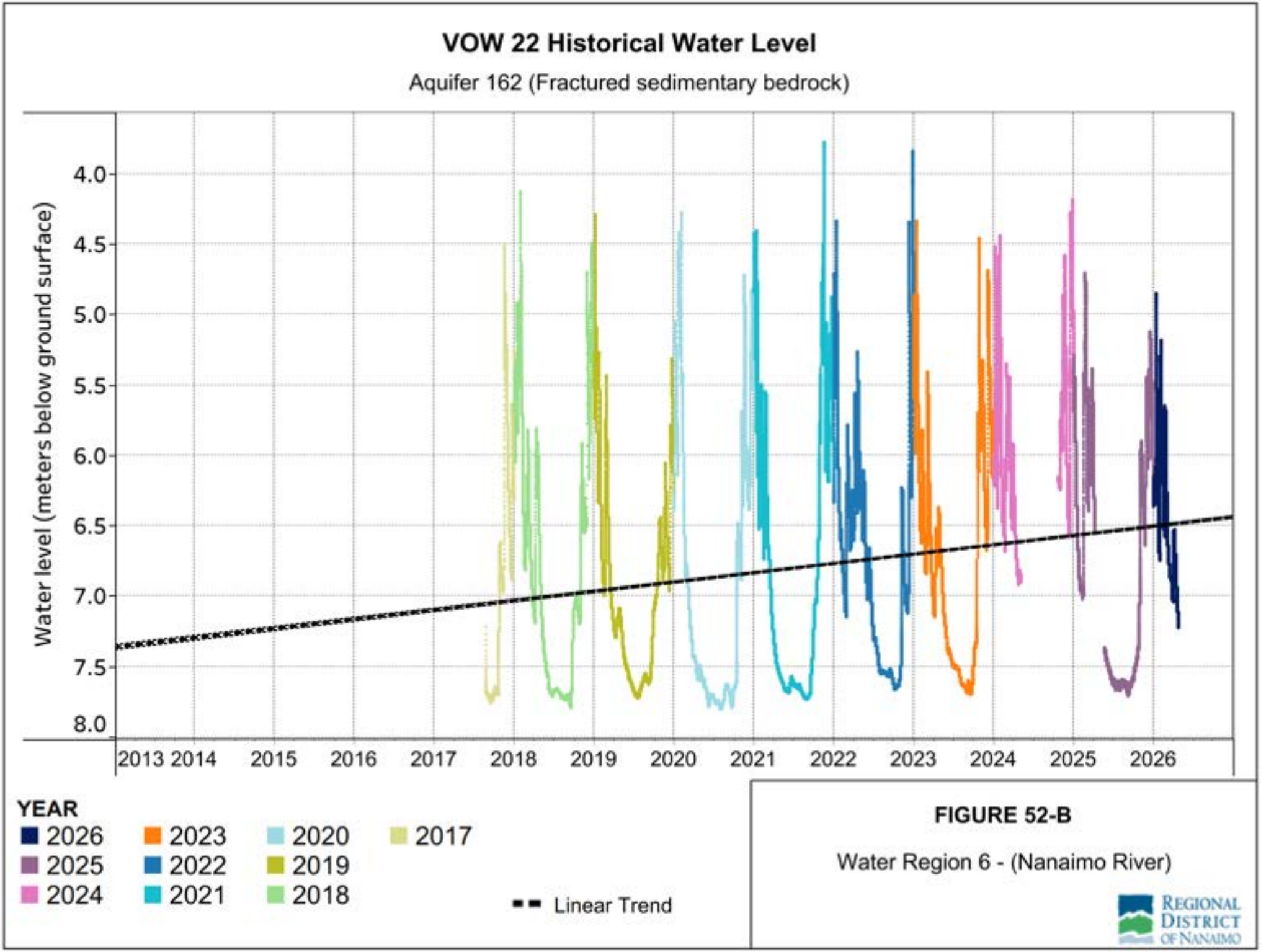
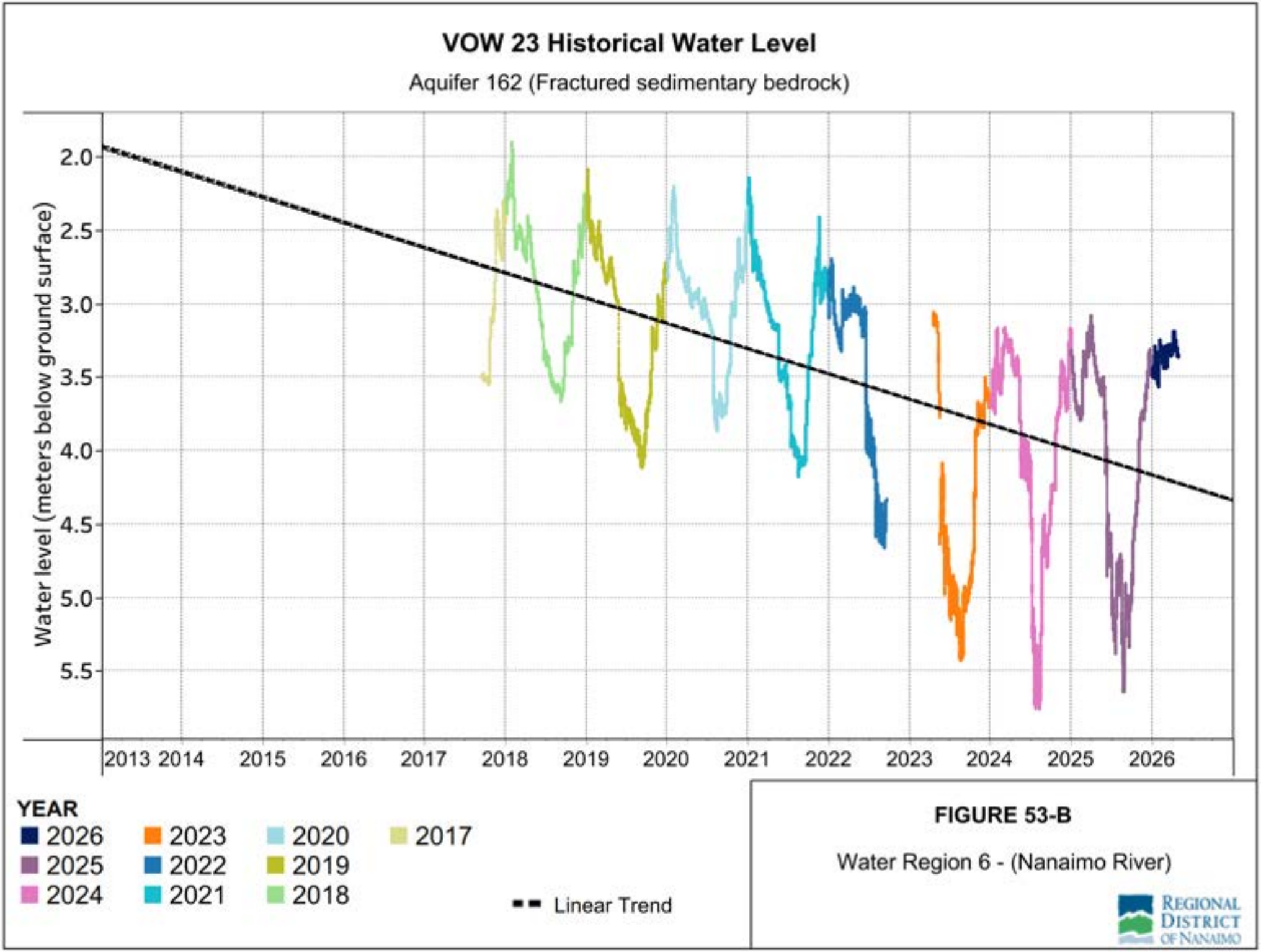


FIGURE 51-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo


VOW 22 Historical Water Level
Aquifer 162 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
2013 2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
Linear Trend
FIGURE 52-B
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo


VOW 23 Historical Water Level
Aquifer 162 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
Linear Trend
FIGURE 53-B
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo

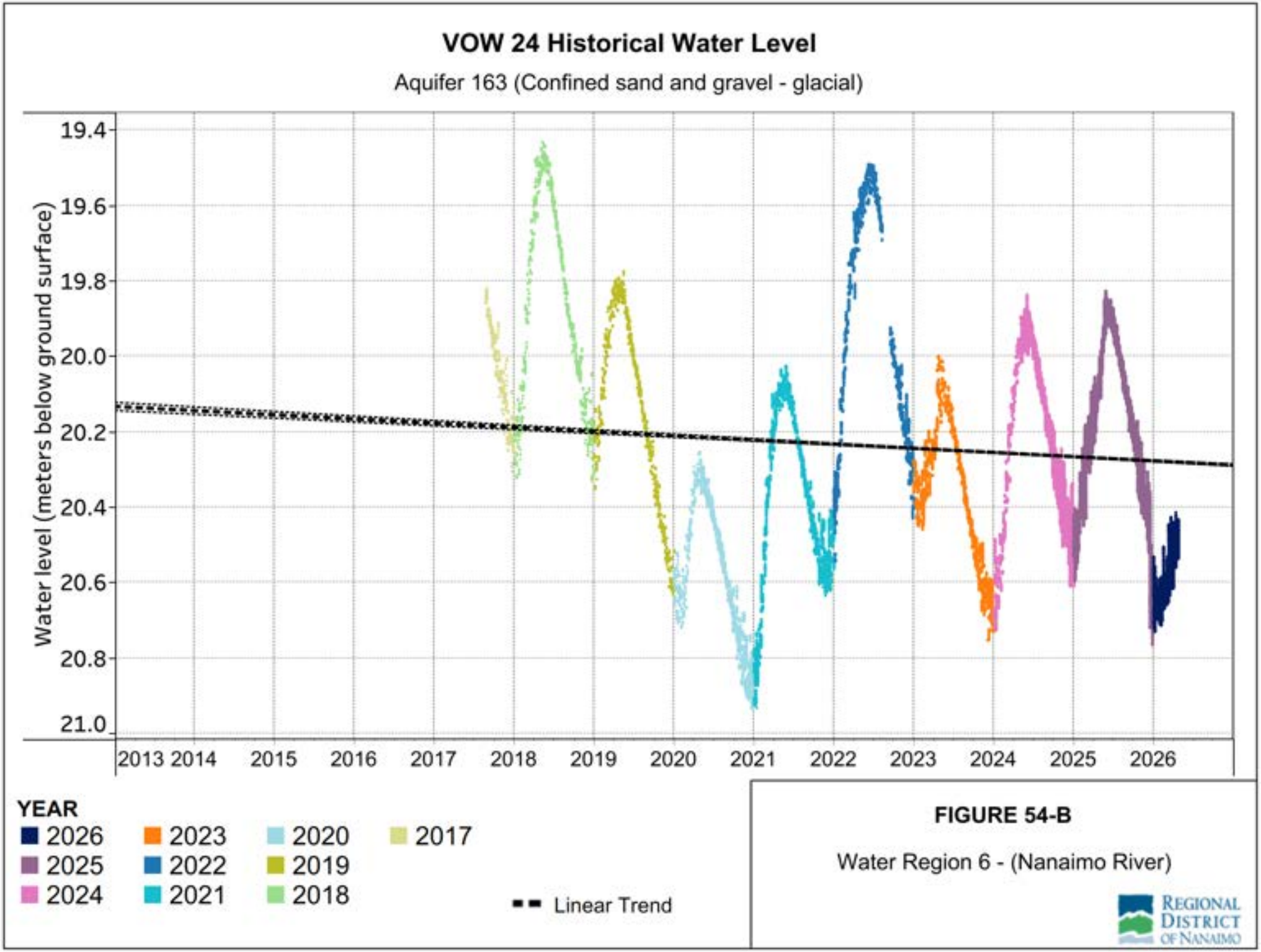


FIGURE 54-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

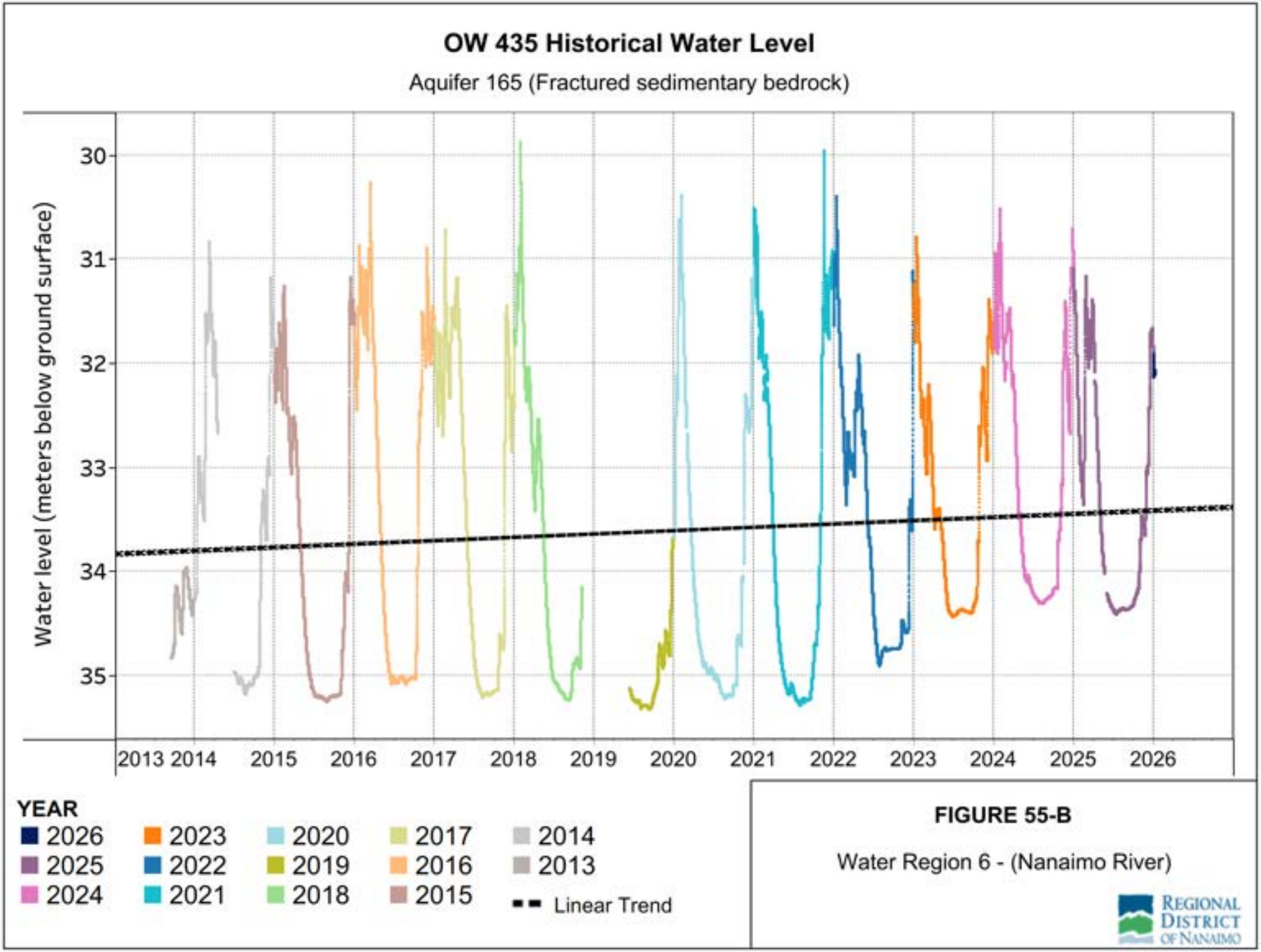


FIGURE 55-B

Water Region 6 - (Nanaimo River)

REGIONAL DISTRICT OF NANAIMO

VOW 05 Historical Water Level

Aquifer 165 (Fractured sedimentary bedrock)

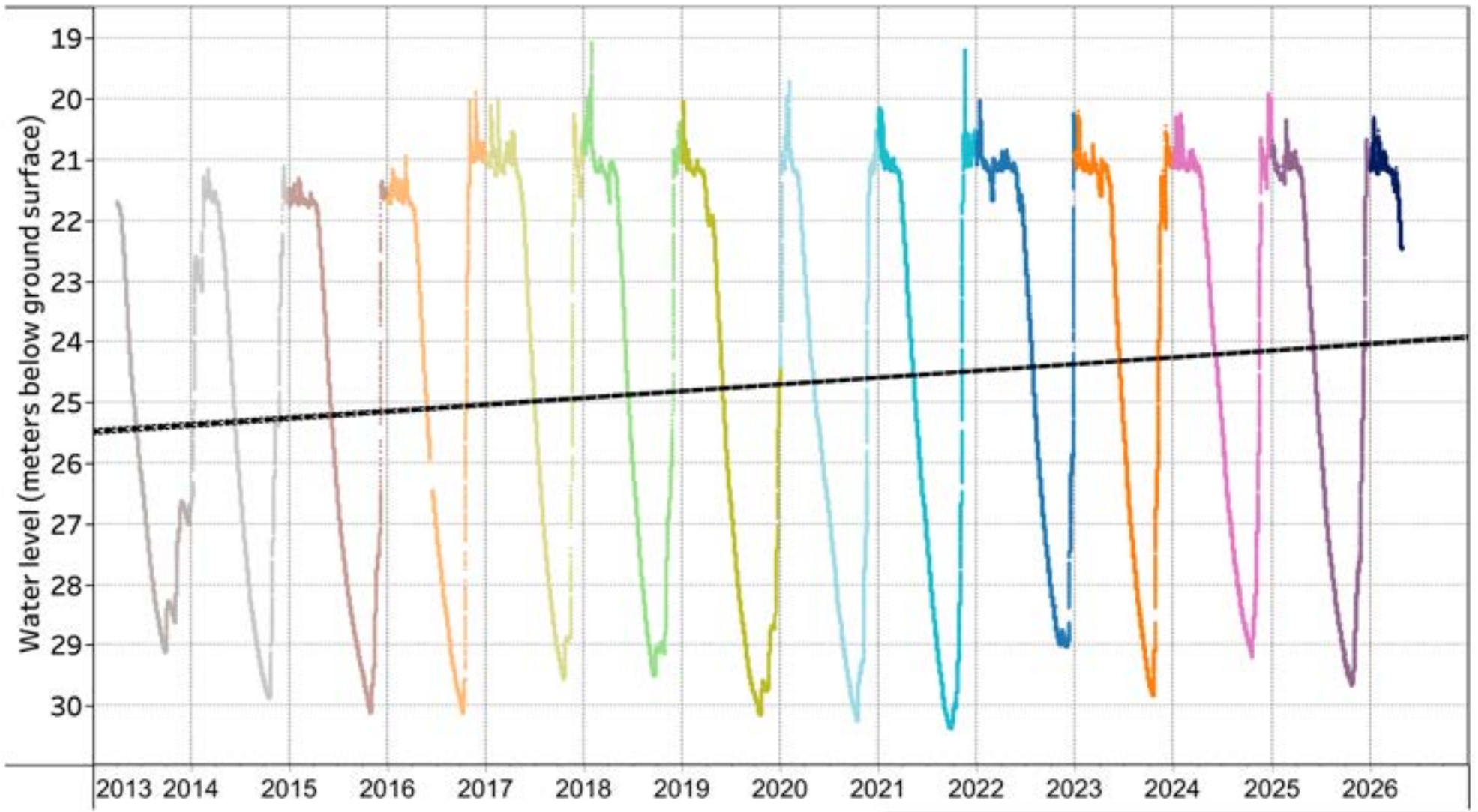


FIGURE 56-B

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 196 Historical Water Level

Aquifer 709 (Fractured sedimentary bedrock)

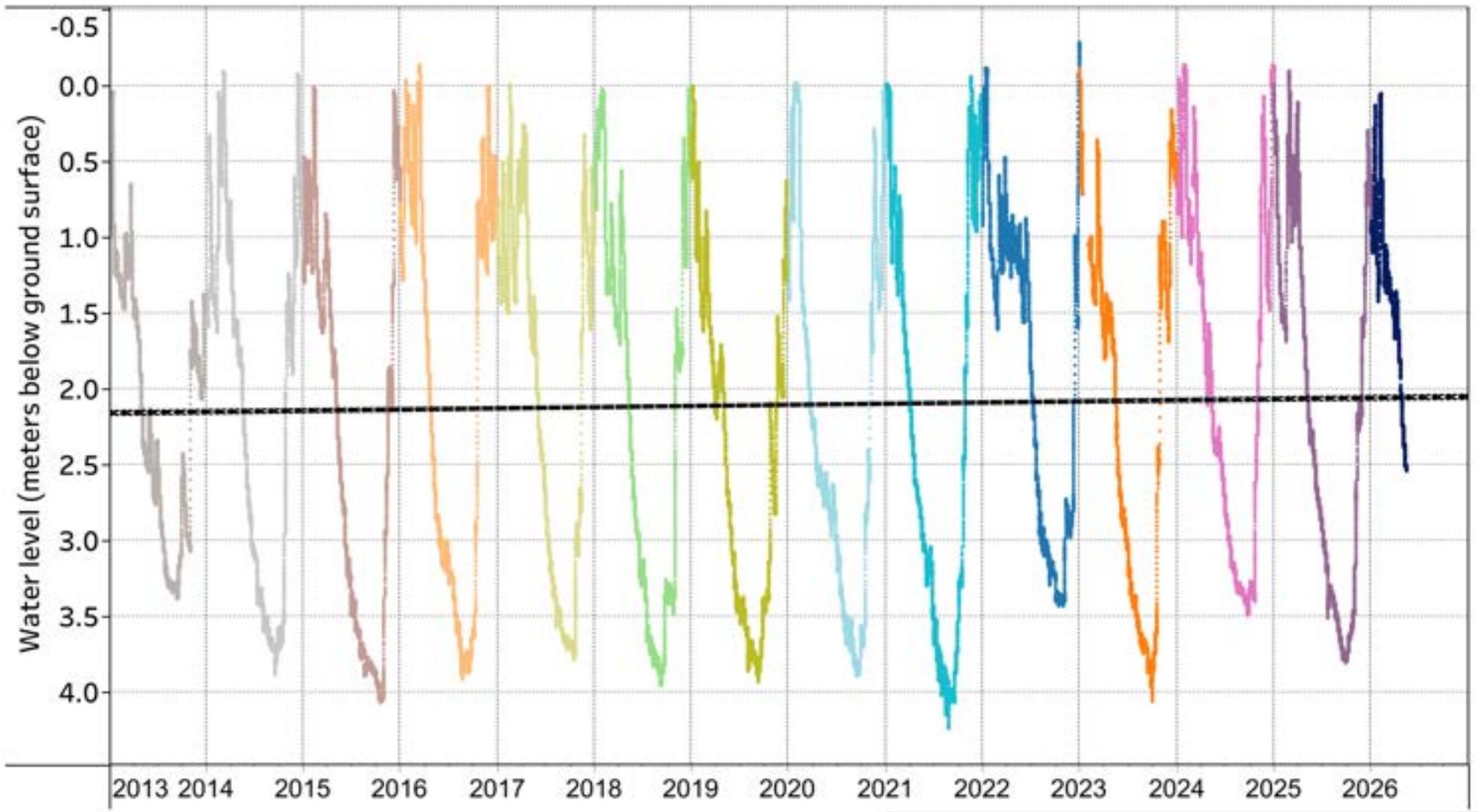
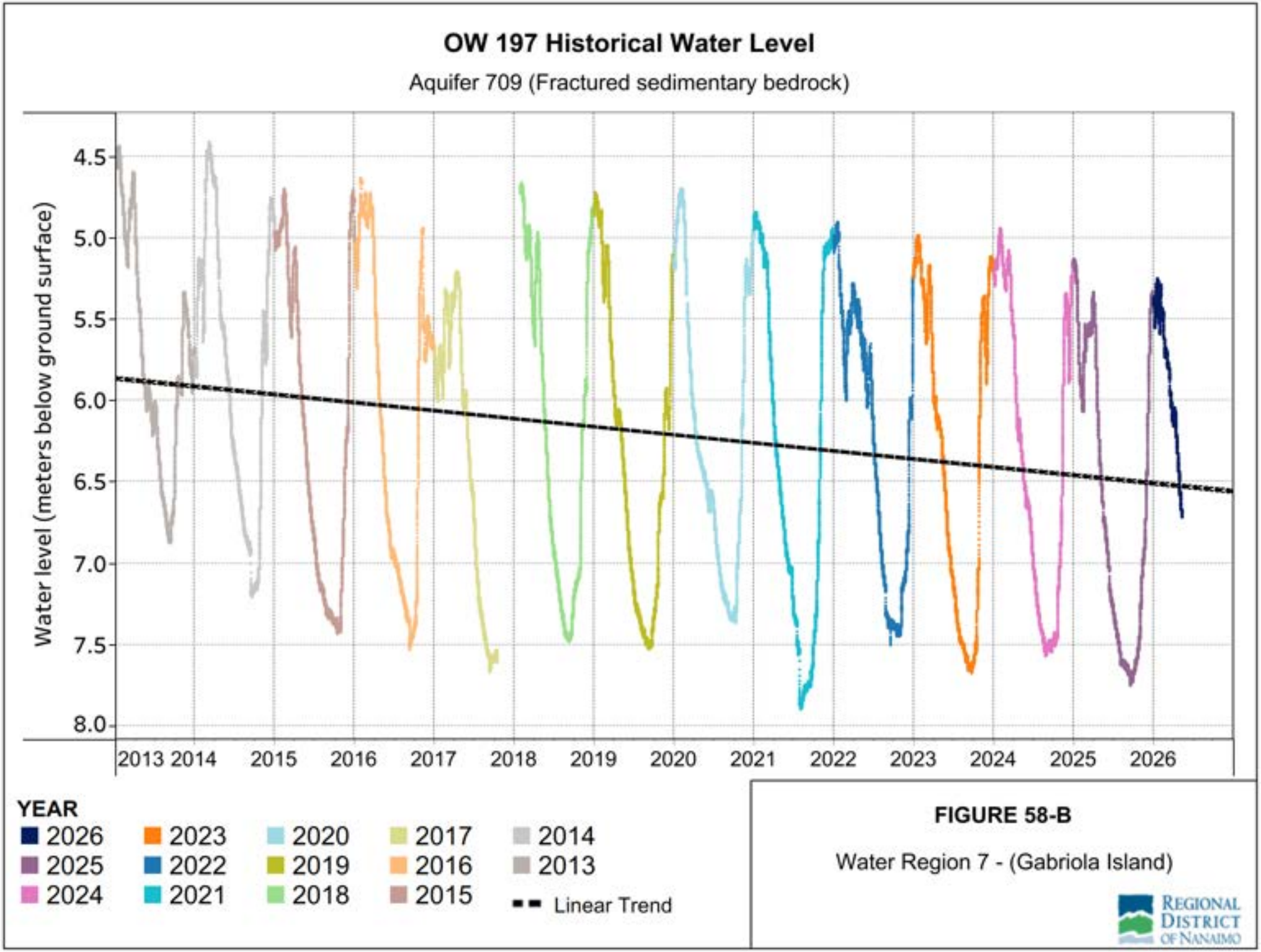


FIGURE 57-B

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo


OW 197 Historical Water Level
Aquifer 709 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
2013 2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
YEAR
2026
2025
2024
2023
2022
2021
2020
2019
2018
2017
2016
2015
2014
2013
Linear Trend
FIGURE 58-B
Water Region 7 - (Gabriola Island)
Regional District of Nanaimo

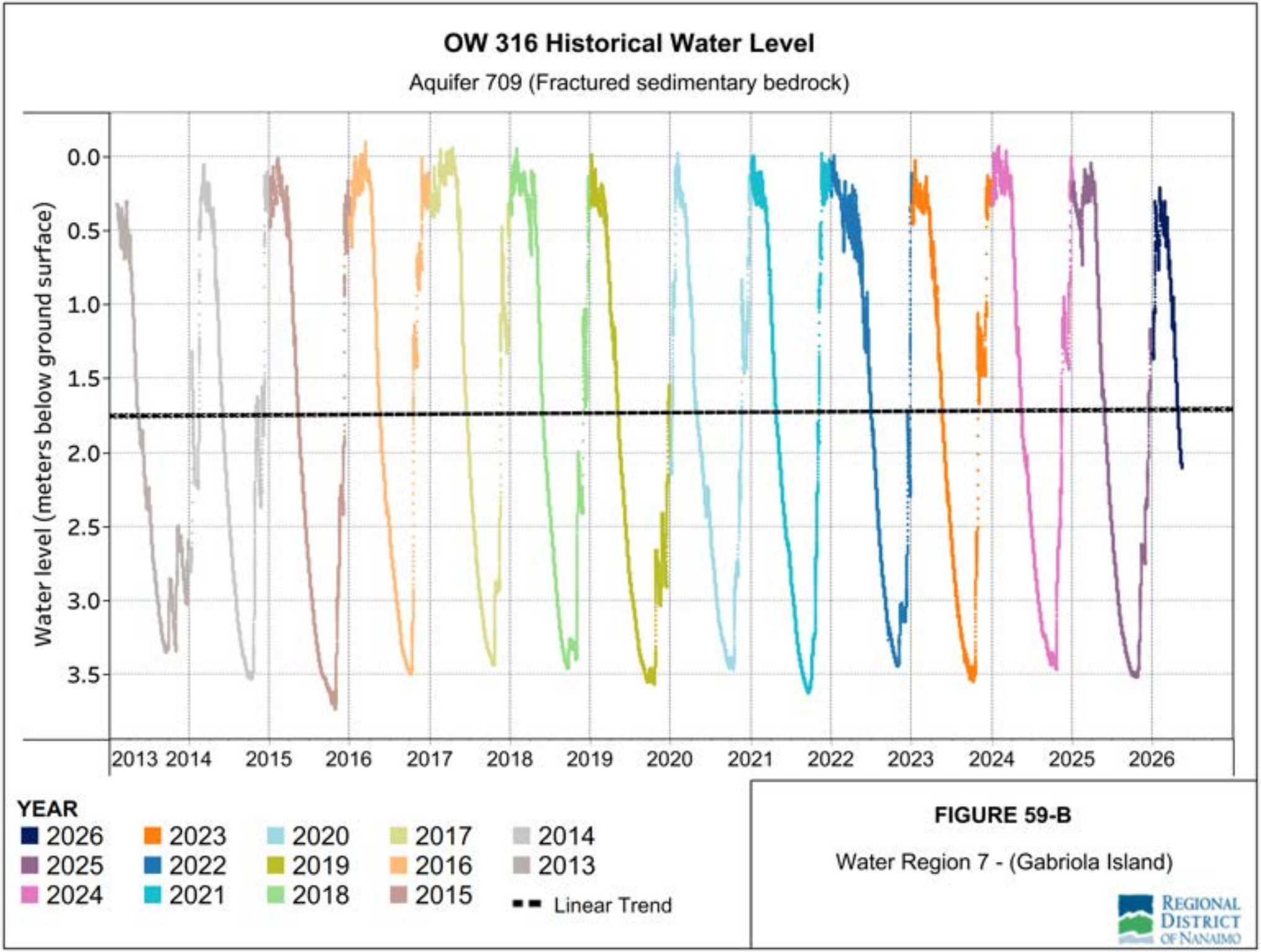


FIGURE 59-B

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo

OW 385 Historical Water Level

Aquifer 709 (Fractured sedimentary bedrock)

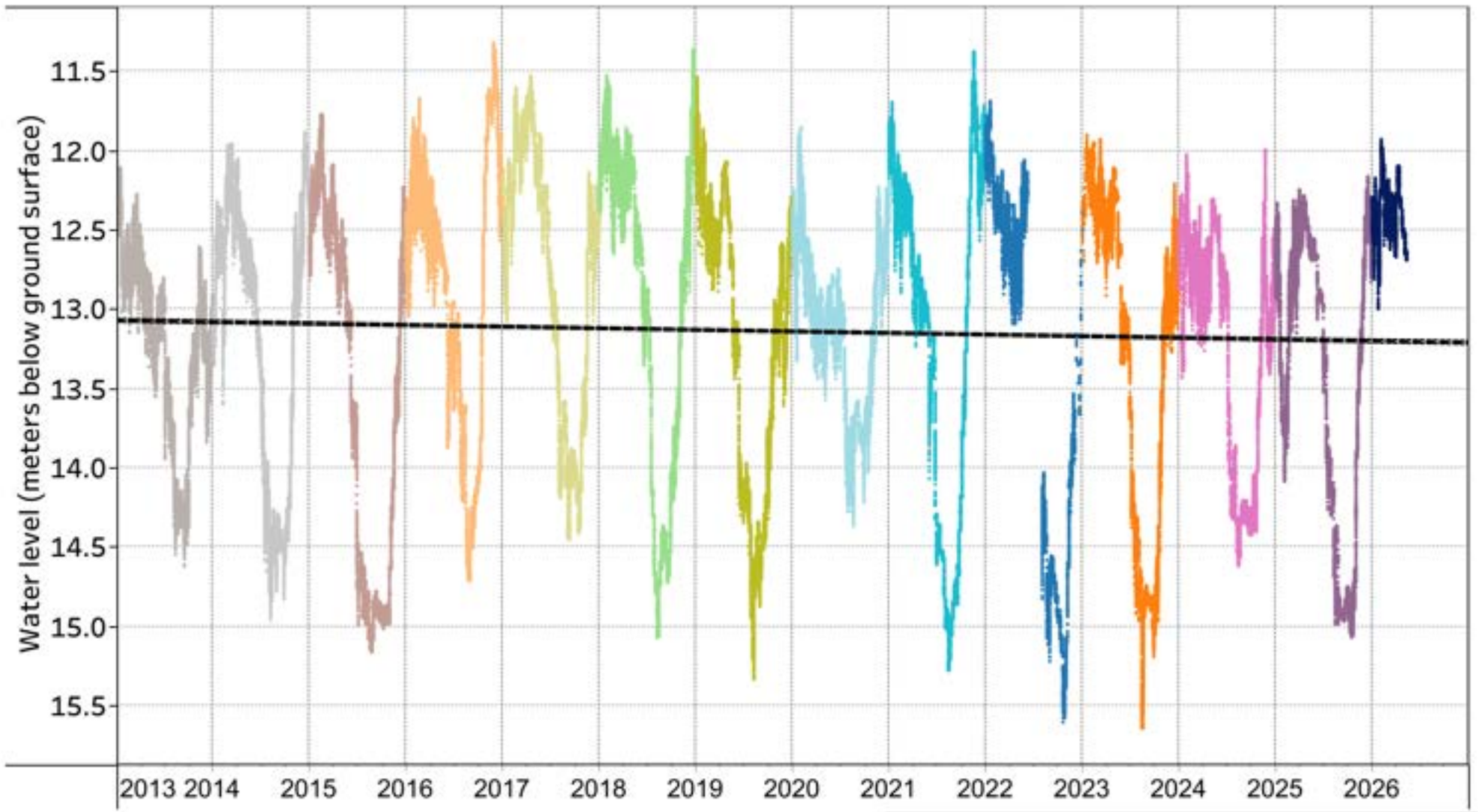


FIGURE 60-B

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo

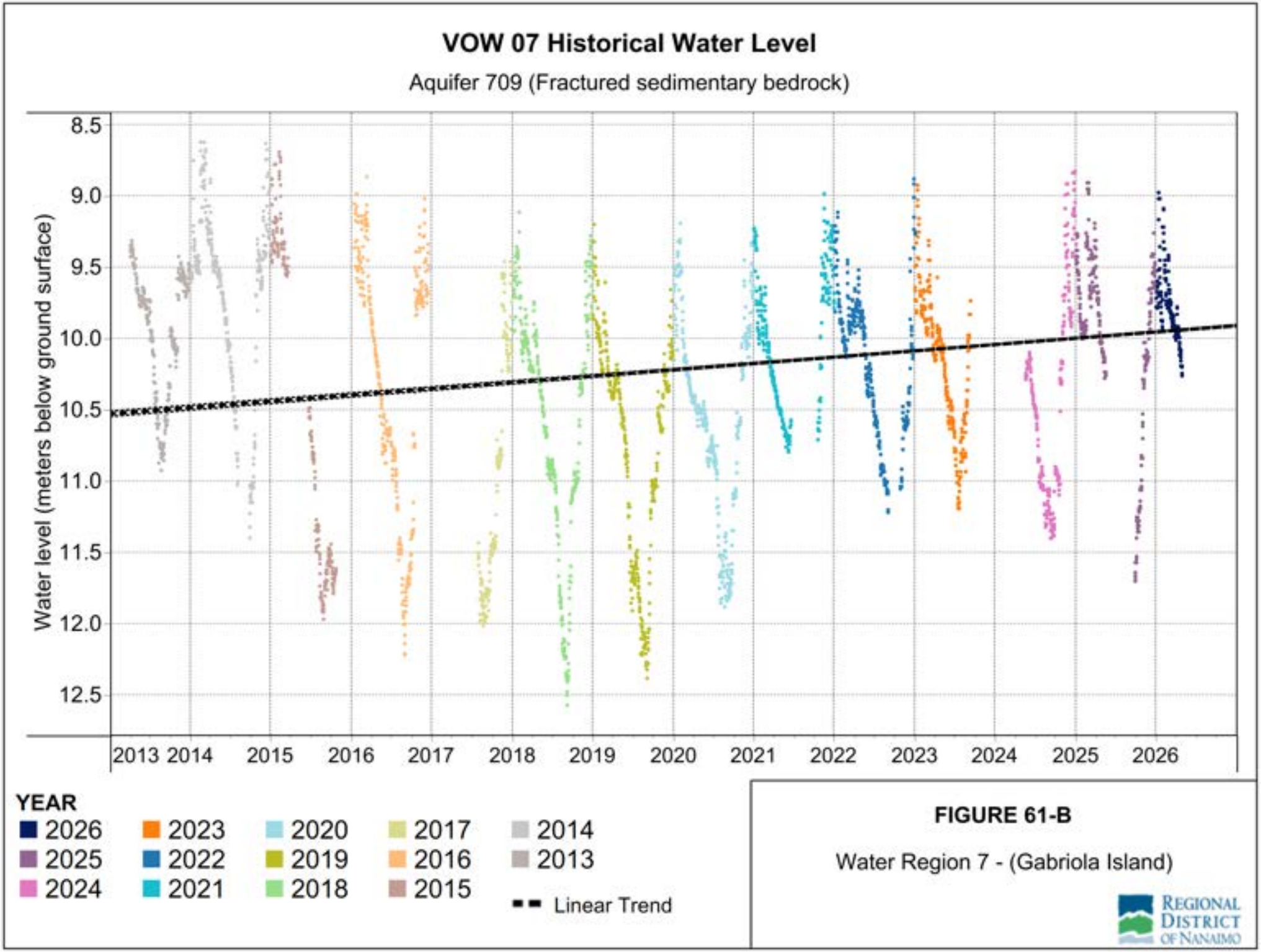


FIGURE 61-B

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo

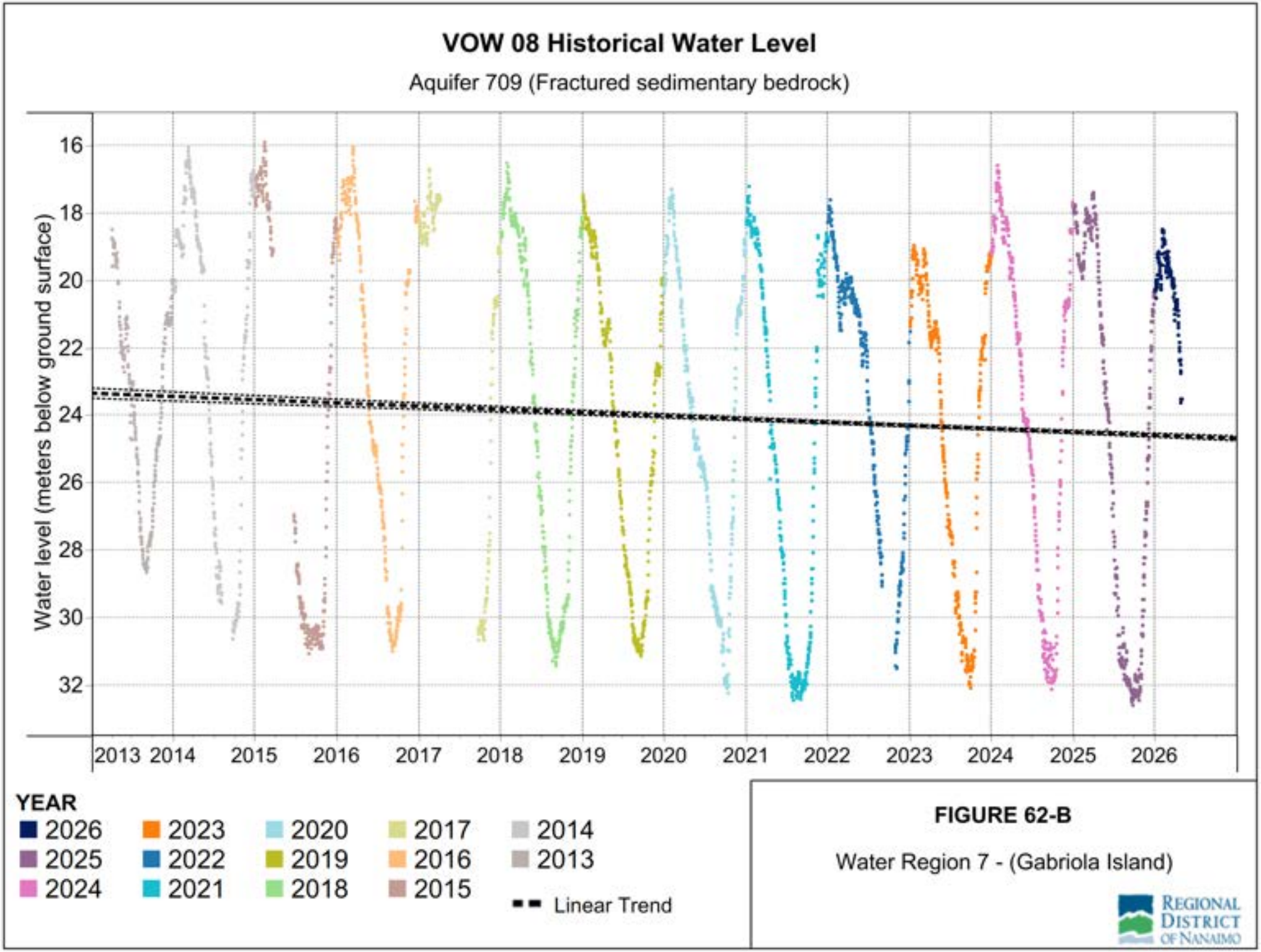


FIGURE 62-B

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo

Appendix C – Seasonal Groundwater Level Results 2026

Table C1: Seasonal Groundwater Level Results 2026

RDN Water Region	Aquifer Number	Aquifer Type	Observation Well Number	Dataset Range	Seasonal Groundwater Level Hydrograph	Seasonal Groundwater Level Trend
WR1 - Big Qualicum	416	Surficial	OW 310	2013 - 2026	FIGURE 1-C	Below Normal
			OW 427	2013 - 2026	FIGURE 2-C	Much Below Normal
	662	Surficial	OW 425	2013 - 2026	FIGURE 3-C	Much Below Normal
			OW 426	2013 - 2026	FIGURE 4-C	Much Below Normal
WR2 - Little Qualicum			OW 391	2013 - 2026	FIGURE 5-C	Much Below Normal
	664	Surficial	OW 389	2013 - 2026	FIGURE 6-C	Much Below Normal
WR3 - French Creek	212	Bedrock	VOW 15	2017 - 2026	FIGURE 7-C	Much Above Normal
	217	Surficial	OW 295	2013 - 2026	FIGURE 12-C	Much Below Normal
			VOW 16	2017 - 2026	FIGURE 13-C	Below Normal
	1250	Surficial	OW 424	2013 - 2026	FIGURE 15-C	Much Below Normal
	216	Surficial	OW 304	2013 - 2026	FIGURE 8-C	Normal
			OW 314	2013 - 2026	FIGURE 9-C	Normal
			OW 398	2013 - 2026	FIGURE 10-C	Much Above Normal
			VOW 14	2017 - 2026	FIGURE 11-C	Normal
WR4 - Englishman River			VOW 01	2013 - 2026	FIGURE 16-C	Normal
WR3 - French Creek	220	Bedrock	OW 287	2013 - 2026	FIGURE 14-C	Normal
WR4 - Englishman River			VOW 18	2017 - 2026	FIGURE 18-C	Much Below Normal
WR5 - Nanoose to South Wellington	219	Surficial	OW 395	2013 - 2026	FIGURE 17-C	Much Below Normal
			OW 393	2013 - 2026	FIGURE 35-C	Below Normal
			OW 396	2013 - 2026	FIGURE 36-C	Much Below Normal
			VOW 25	2017 - 2026	FIGURE 37-C	Normal
	167	Surficial	VOW 12	2016 - 2026	FIGURE 19-C	Normal
	211	Bedrock	OW 388	2013 - 2026	FIGURE 20-C	Much Below Normal
	213	Bedrock	VOW 02	2013 - 2026	FIGURE 21-C	Much Below Normal
			VOW 03	2013 - 2026	FIGURE 22-C	Above Normal
			VOW 13	2016 - 2026	FIGURE 23-C	Normal
	214	Bedrock	VOW 30	2015 - 2026	FIGURE 24-C	Much Below Normal
			VOW 31	2015 - 2026	FIGURE 25-C	Normal
			VOW 32	2015 - 2026	FIGURE 26-C	Much Below Normal
			VOW 33	2015 - 2026	FIGURE 27-C	Much Below Normal
			VOW 34	2015 - 2026	FIGURE 28-C	Normal
	215	Surficial	OW 232	2013 - 2026	FIGURE 29-C	Below Normal
			OW 340	2013 - 2026	FIGURE 30-C	Much Below Normal
			VOW 28	2017 - 2026	FIGURE 31-C	Below Normal
	218	Bedrock	OW 394	2013 - 2026	FIGURE 32-C	Normal
			VOW 26	2017 - 2026	FIGURE 33-C	Much Below Normal
			VOW 27	2017 - 2026	FIGURE 34-C	Much Below Normal
	1098	Surficial	OW 392	2013 - 2026	FIGURE 38-C	Much Above Normal
			OW 397	2014 - 2026	FIGURE 39-C	Normal
			VOW 17	2015 - 2026	FIGURE 40-C	Much Above Normal
			VOW 29	2015 - 2026	FIGURE 41-C	Much Below Normal
WR6 - Nanaimo River	160	Surficial	OW 436	2015 - 2026	FIGURE 42-C	Much Below Normal
			VOW 04	2013 - 2026	FIGURE 43-C	Much Below Normal
	161	Surficial	OW 312	2013 - 2026	FIGURE 44-C	Normal
			OW 437	2015 - 2026	FIGURE 45-C	Normal
	162	Bedrock	OW 337	2013 - 2026	FIGURE 46-C	Above Normal
			OW 390	2013 - 2026	FIGURE 47-C	Much Above Normal
			OW 432	2013 - 2026	FIGURE 48-C	Normal
			VOW 06	2013 - 2026	FIGURE 49-C	Below Normal
			VOW 19	2017 - 2026	FIGURE 50-C	Much Below Normal
			VOW 21	2017 - 2026	FIGURE 51-C	Below Normal
			VOW 22	2017 - 2026	FIGURE 52-C	Normal
			VOW 23	2017 - 2026	FIGURE 53-C	Below Normal
	163	Surficial	VOW 24	2017 - 2026	FIGURE 54-C	Much Below Normal
	165	Bedrock	OW 435	2013 - 2026	FIGURE 55-C	Normal
			VOW 05	2013 - 2026	FIGURE 56-C	Normal
WR7 - Gabriola Island	709	Bedrock	OW 196	2013 - 2026	FIGURE 57-C	Below Normal
			OW 197	2013 - 2026	FIGURE 58-C	Much Below Normal
			OW 316	2013 - 2026	FIGURE 59-C	Much Below Normal
			OW 385	2013 - 2026	FIGURE 60-C	Normal
			VOW 07	2013 - 2026	FIGURE 61-C	Below Normal
			VOW 08	2013 - 2026	FIGURE 62-C	Below Normal

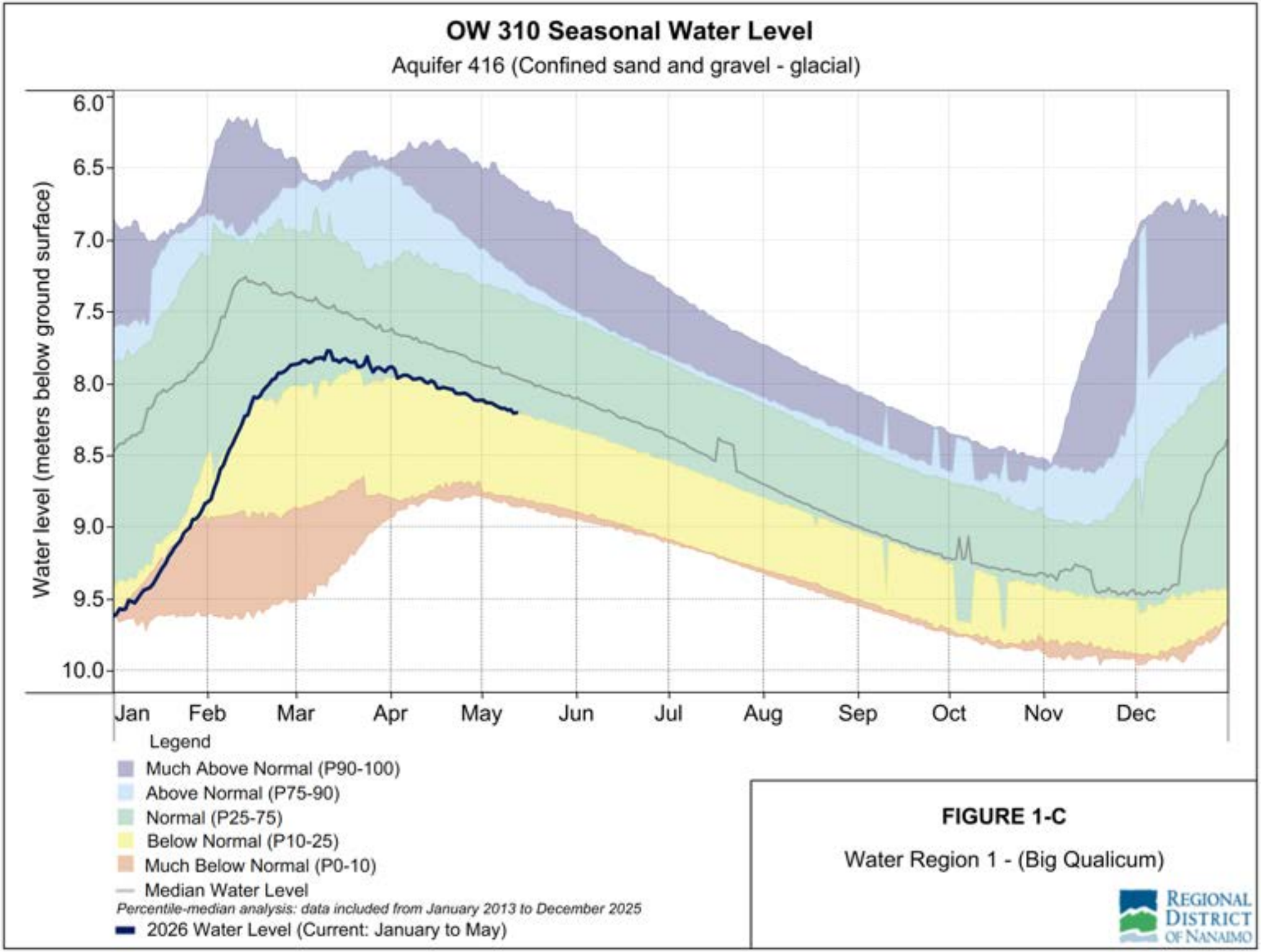


FIGURE 1-C

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

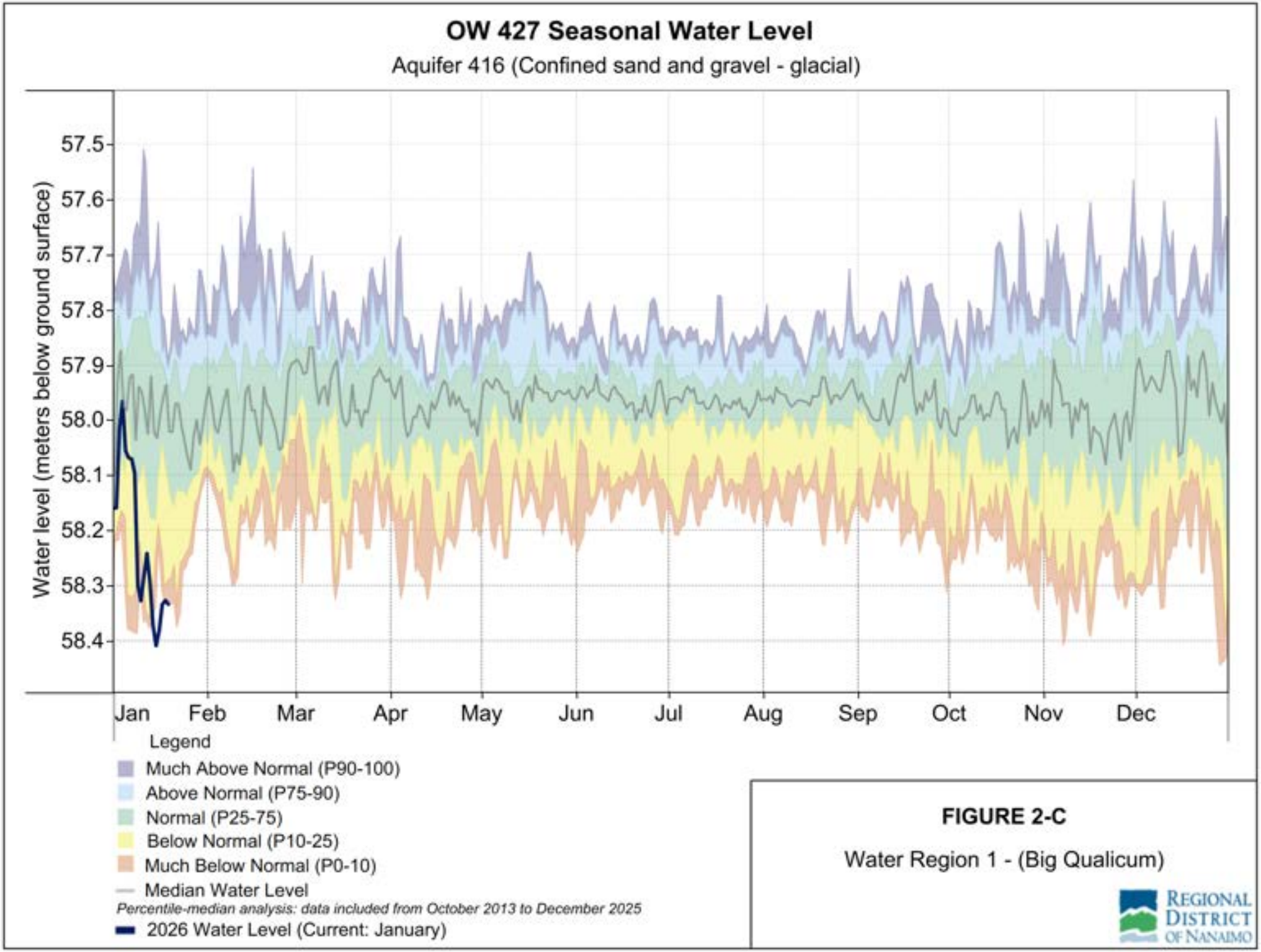


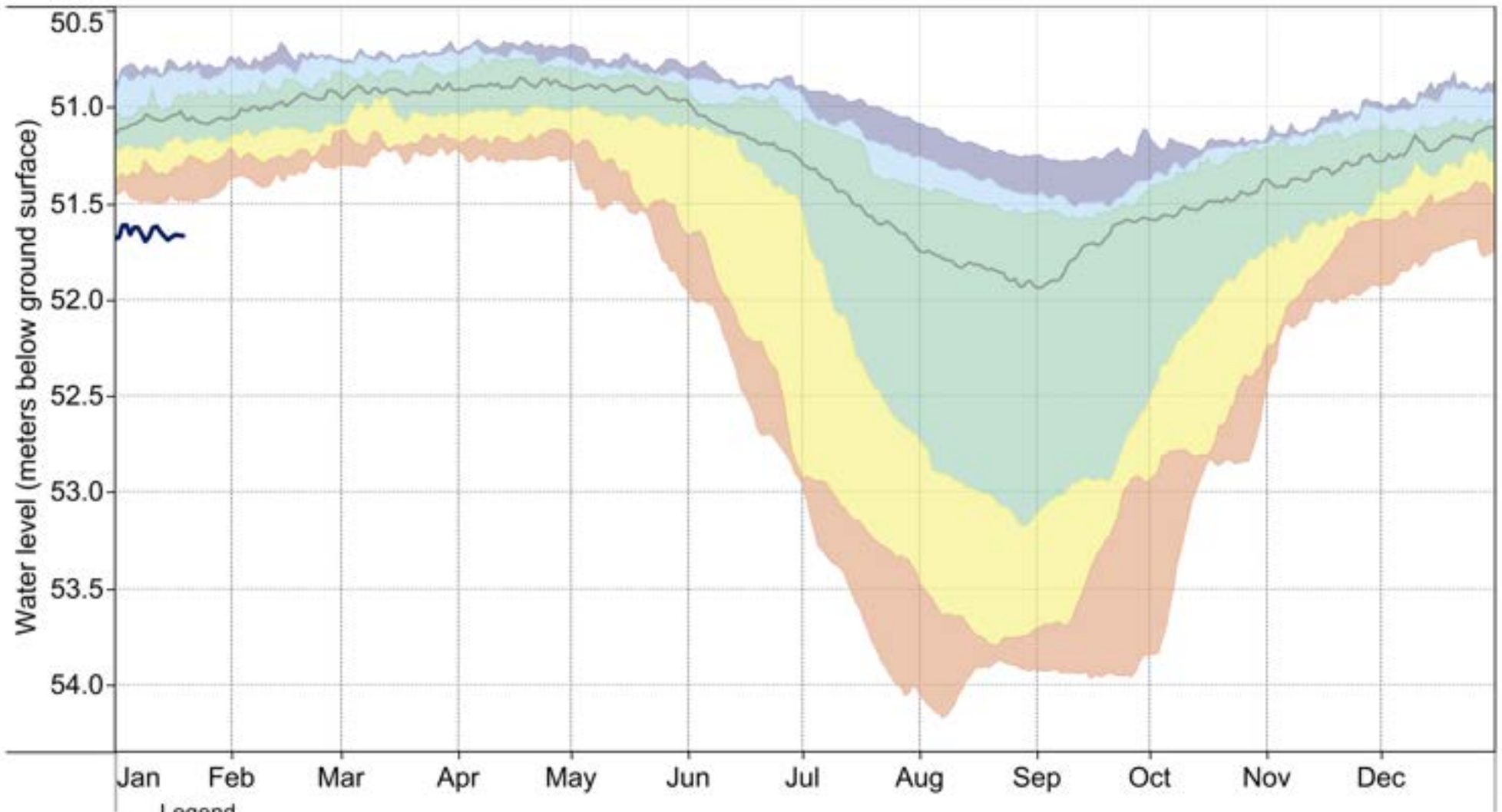
FIGURE 2-C

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

OW 425 Seasonal Water Level

Aquifer 662 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from May 2013 to December 2025

- 2026 Water Level (Current: January)

FIGURE 3-C

Water Region 1 - (Big Qualicum)

Regional District of Nanaimo

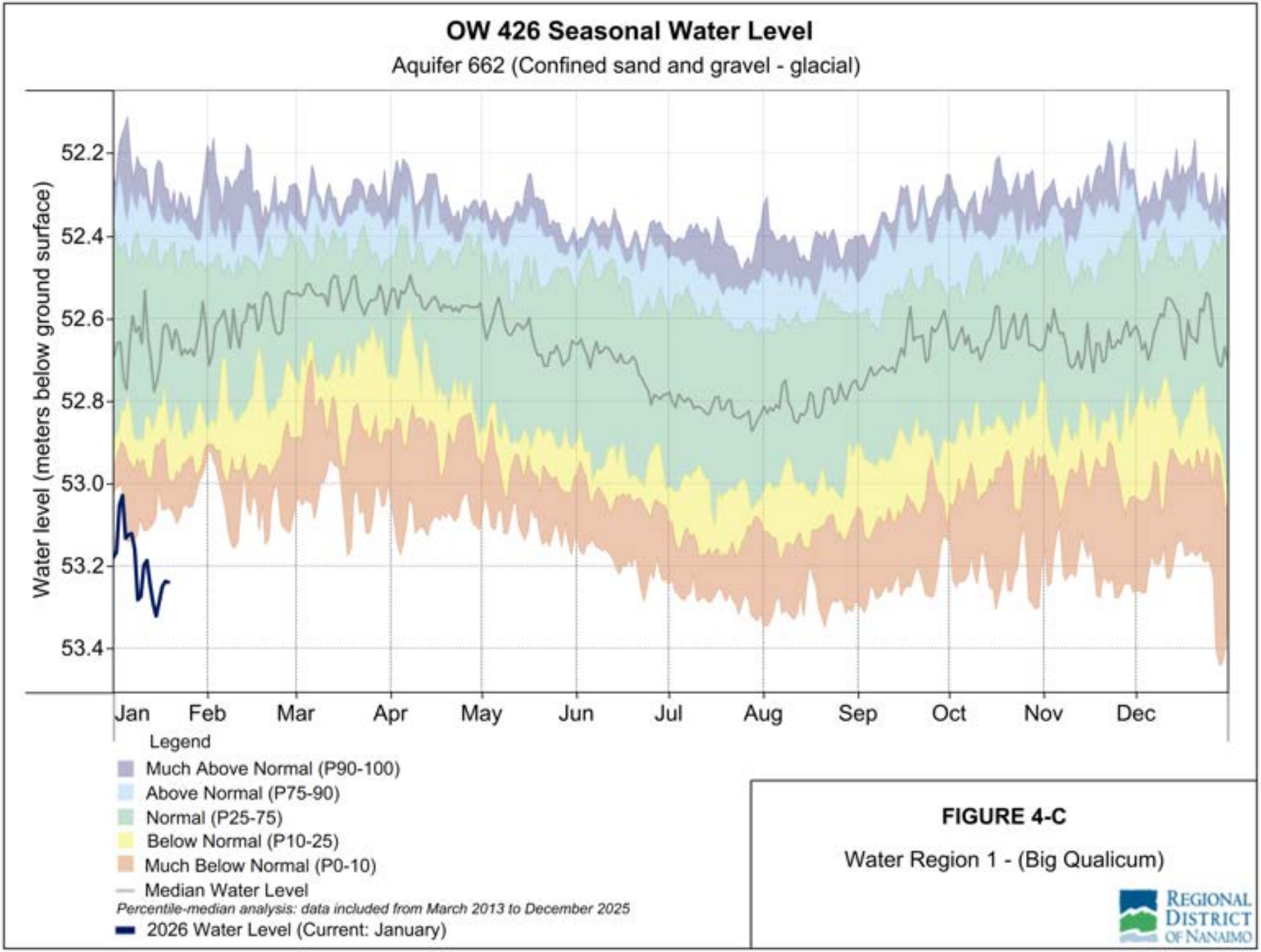


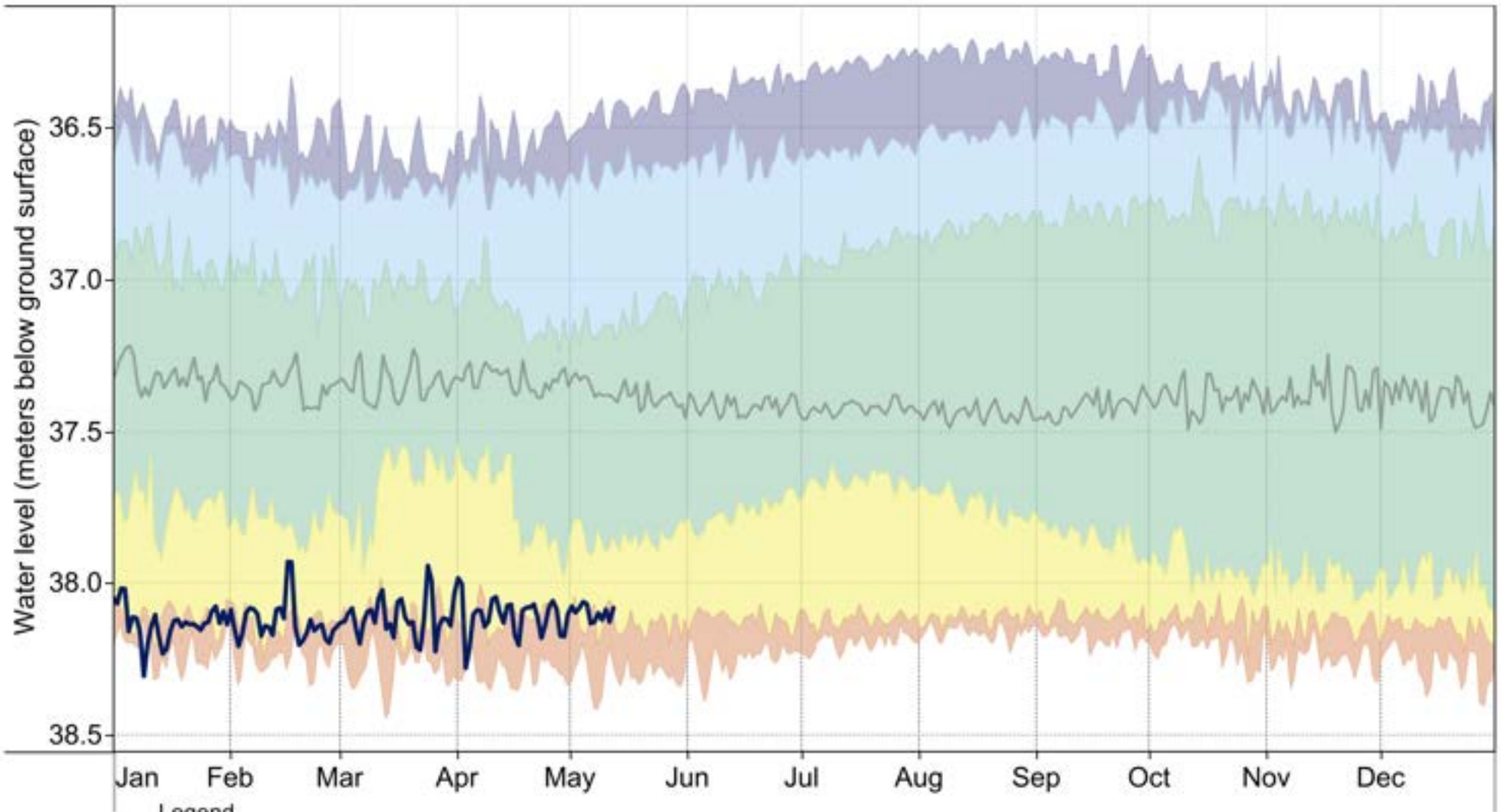
FIGURE 4-C

Water Region 1 - (Big Qualicum)

REGIONAL DISTRICT OF NANAIMO

OW 391 Seasonal Water Level

Aquifer 662 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to May)

FIGURE 5-C

Water Region 2 - (Little Qualicum)

Regional District of Nanaimo

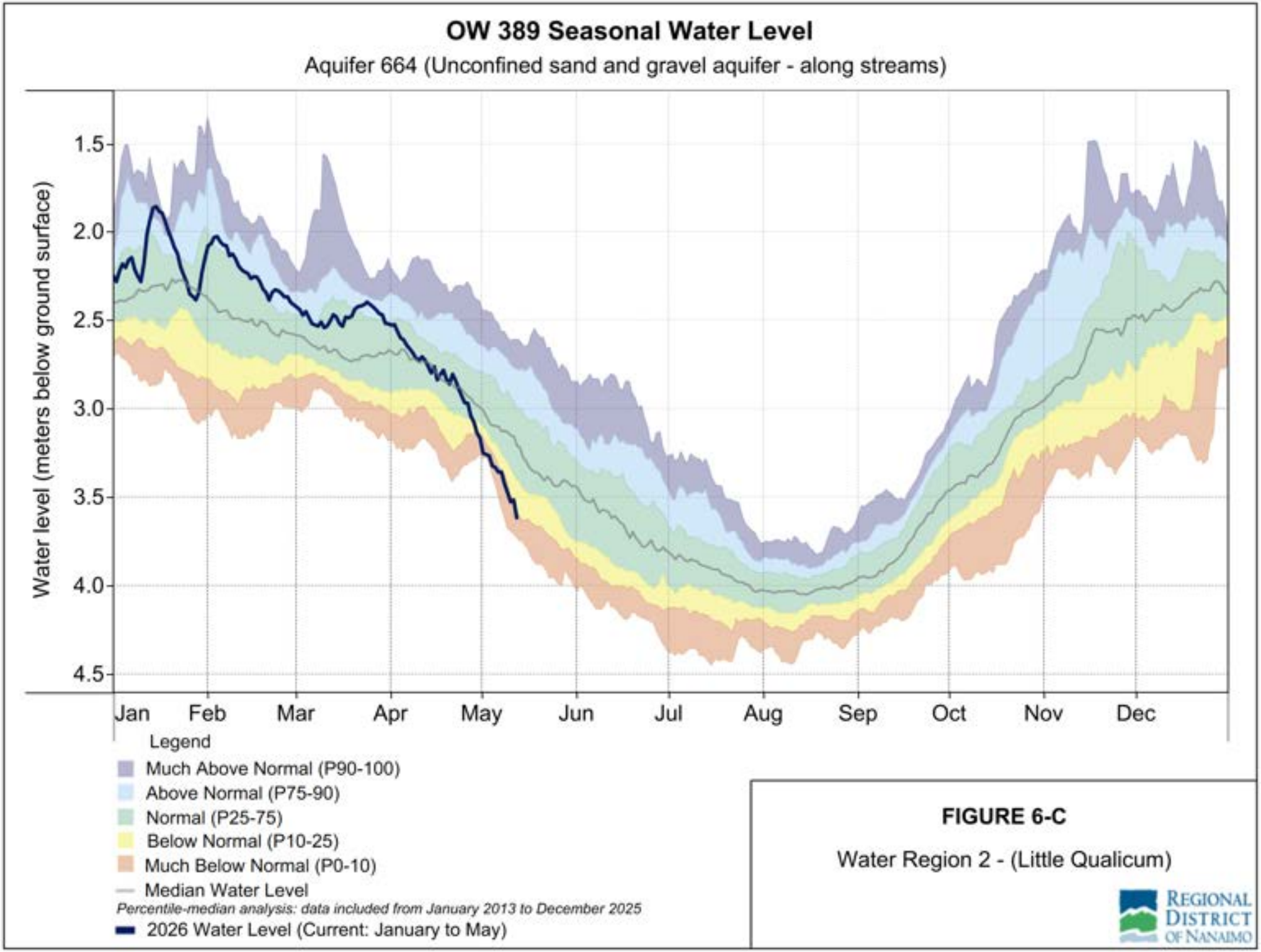


FIGURE 6-C

Water Region 2 - (Little Qualicum)

REGIONAL DISTRICT OF NANAIMO

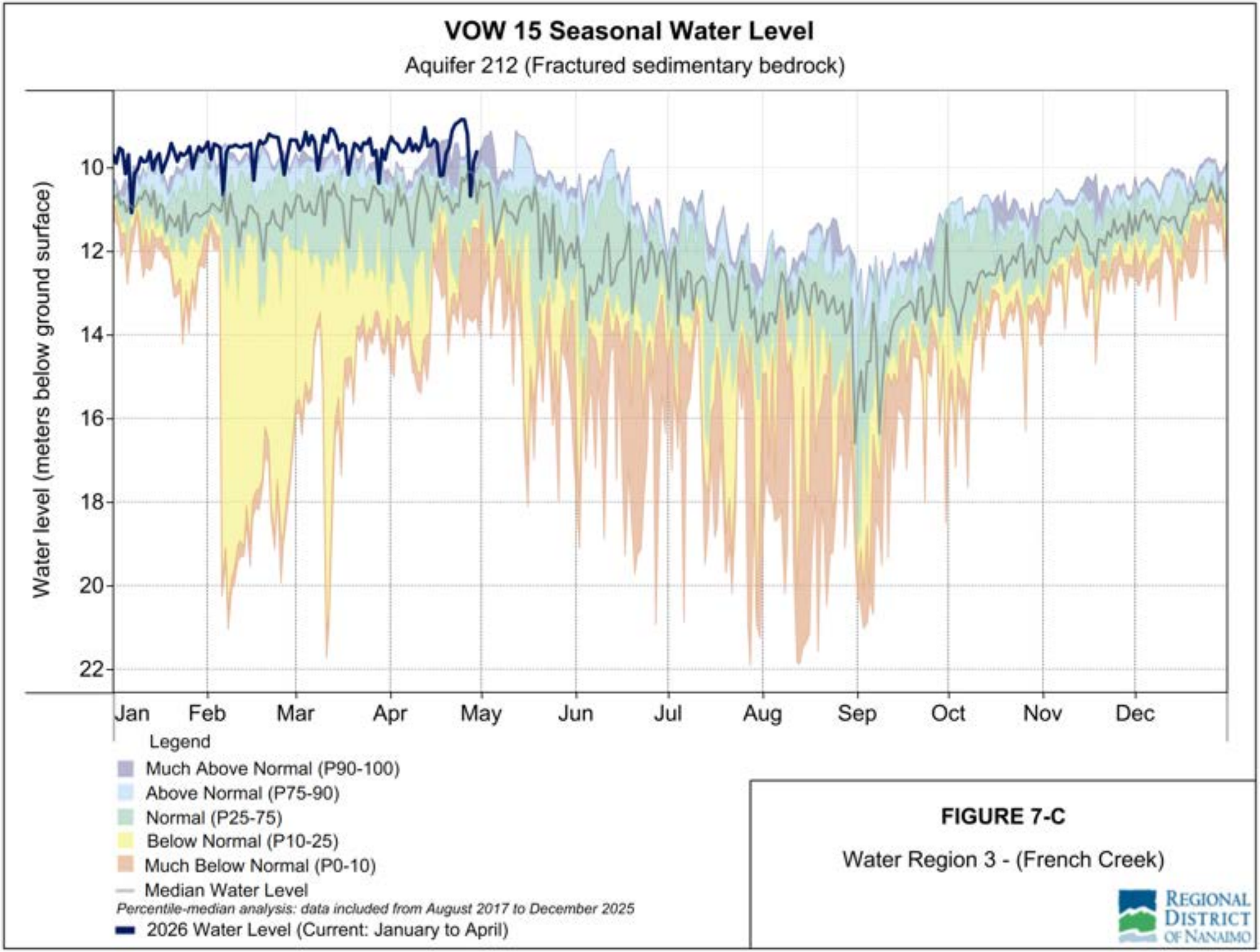


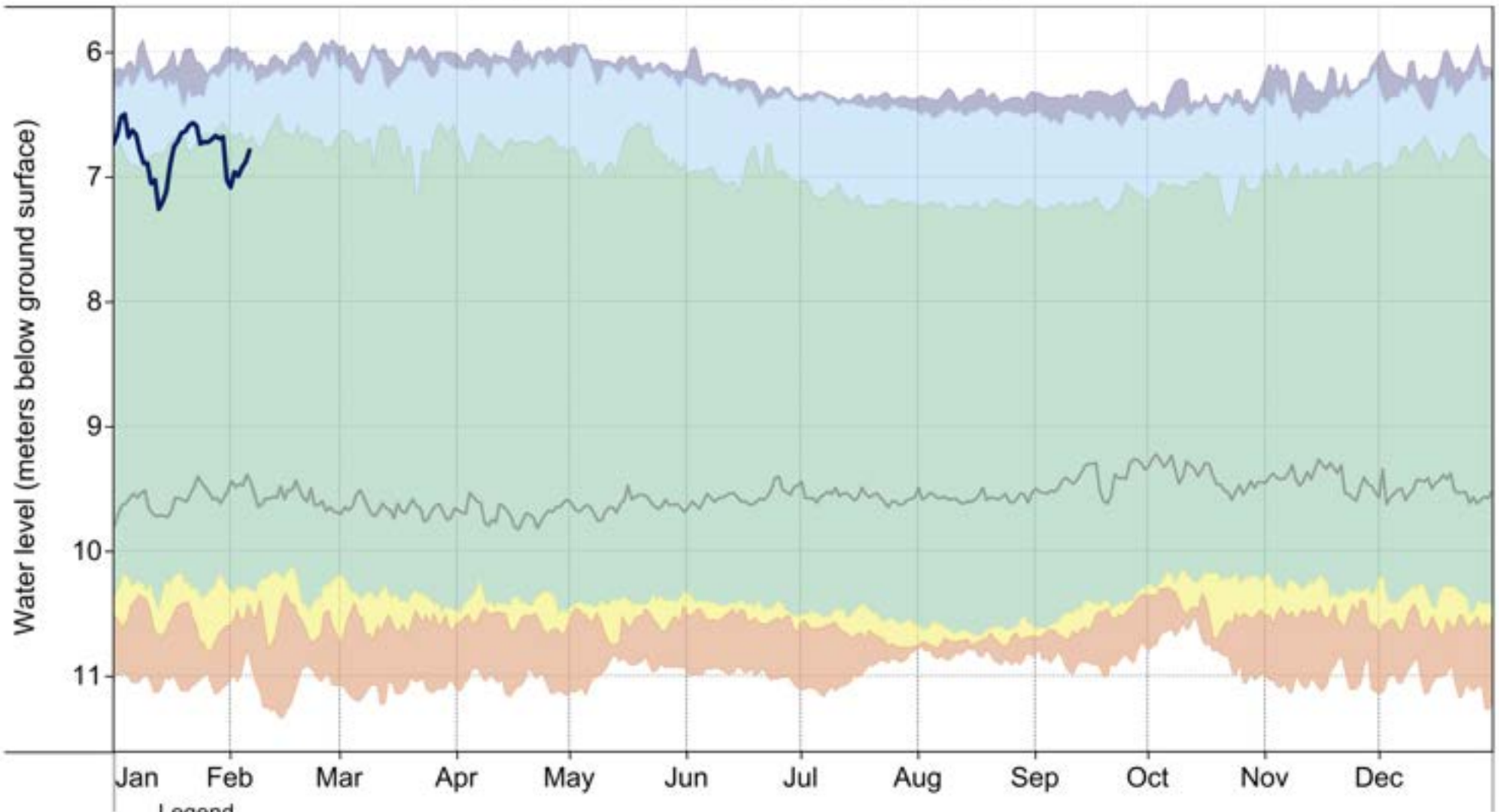
FIGURE 7-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

OW 304 Seasonal Water Level

Aquifer 216 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to February)

FIGURE 8-C

Water Region 3 - (French Creek)

Regional District of Nanaimo

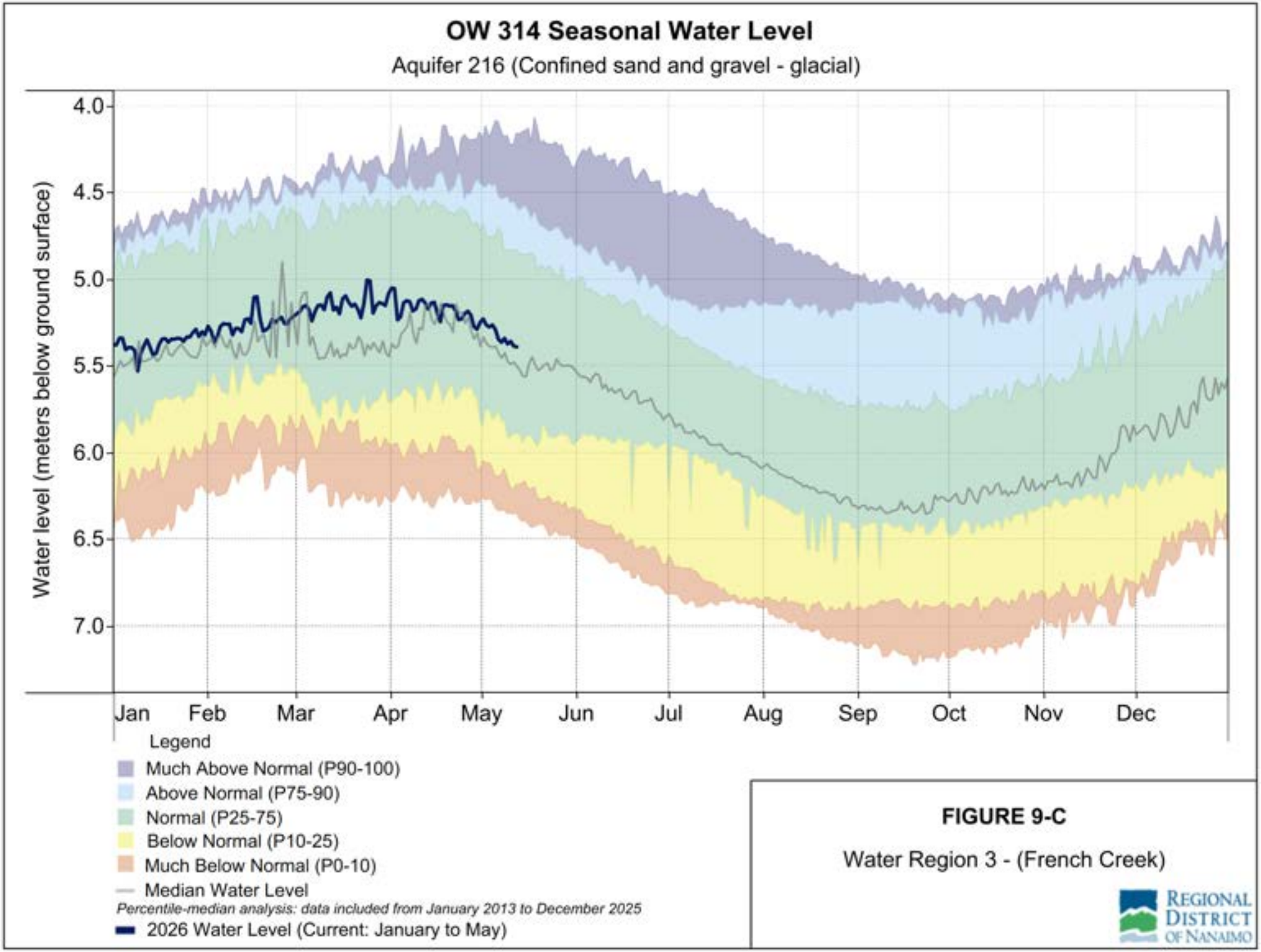


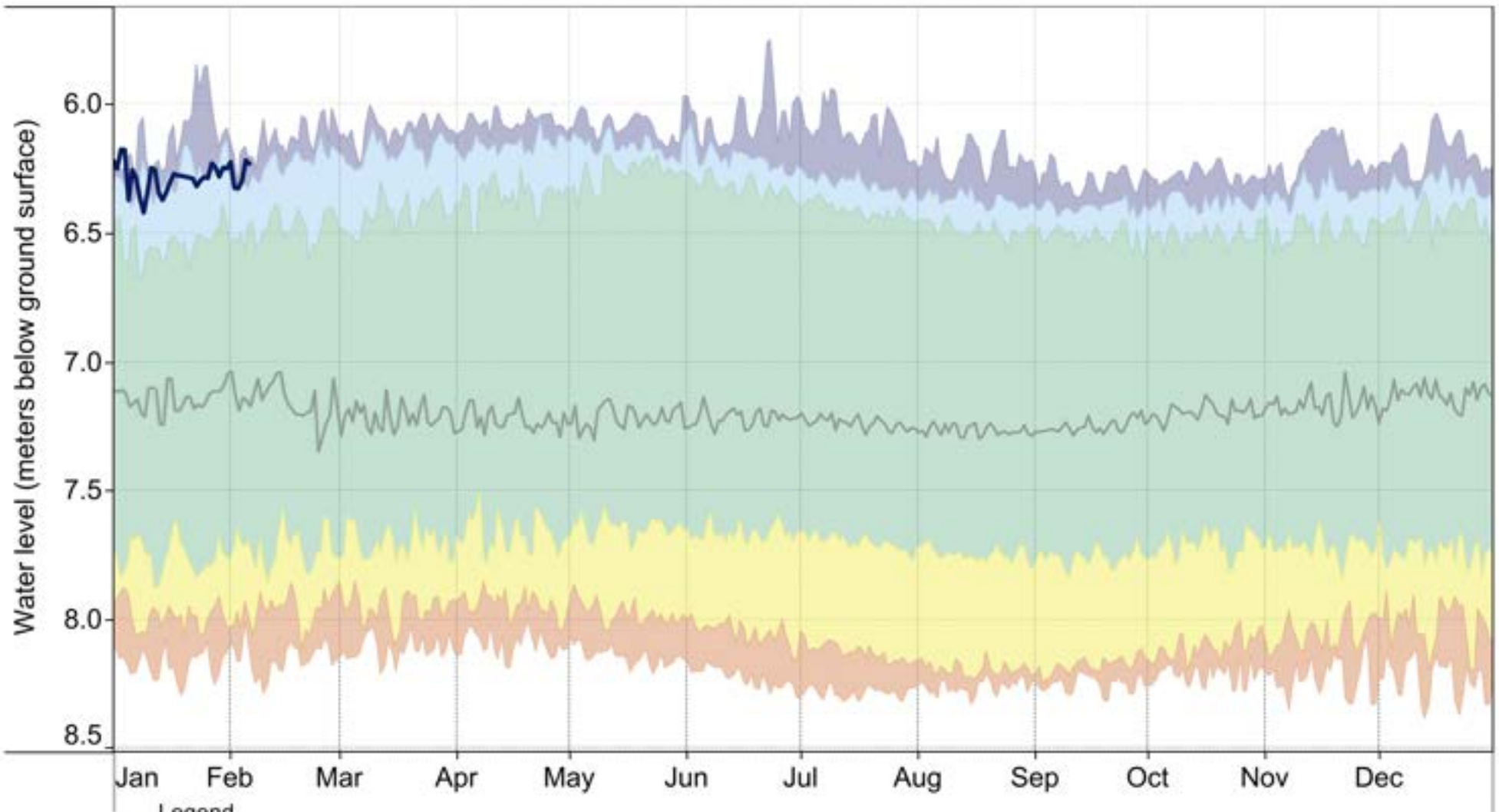
FIGURE 9-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

OW 398 Seasonal Water Level

Aquifer 216 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from February 2013 to December 2025

- 2026 Water Level (Current: January to February)

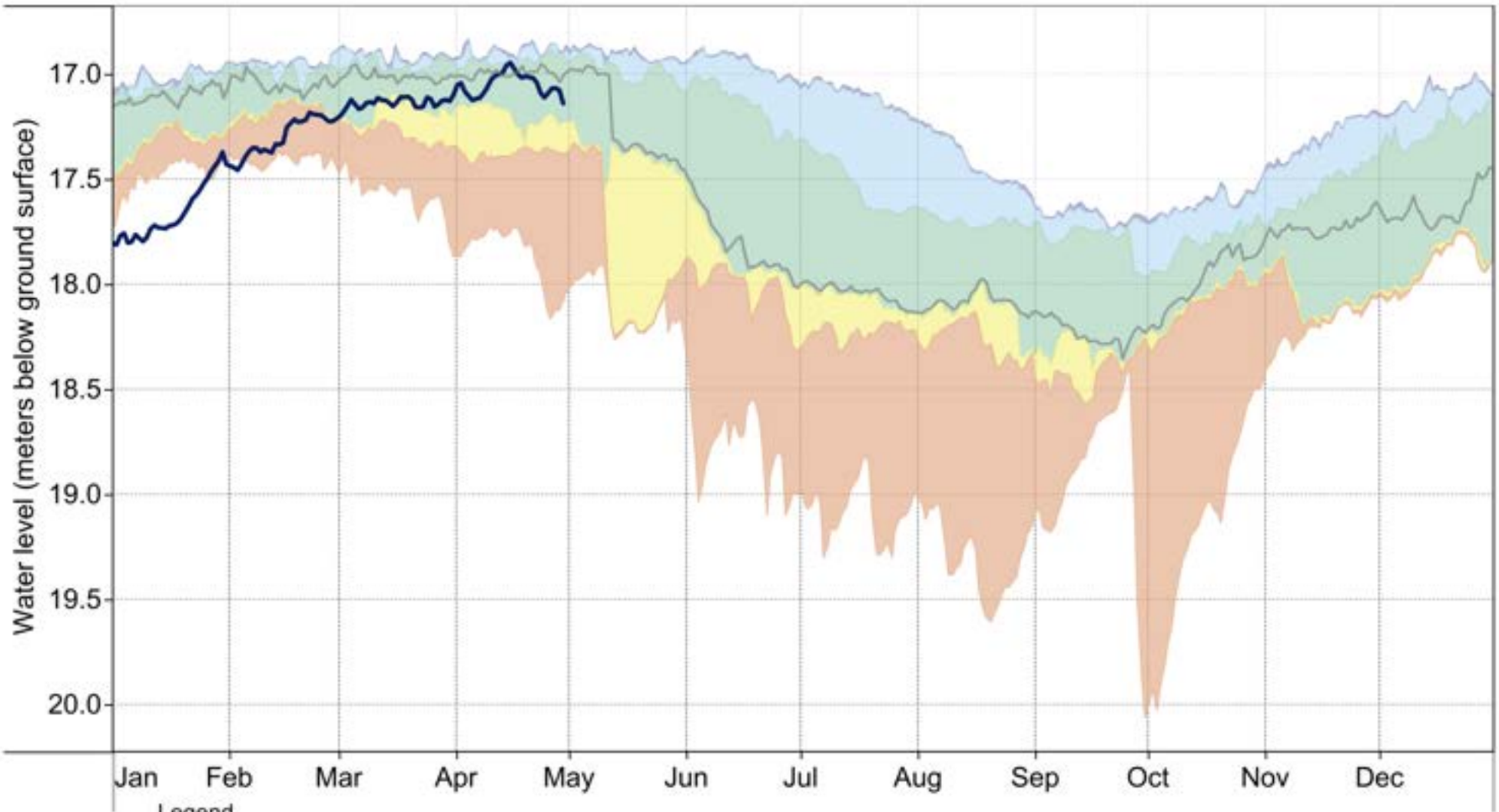
FIGURE 10-C

Water Region 3 - (French Creek)

Regional District of Nanaimo

VOW 14 Seasonal Water Level

Aquifer 216 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from August 2017 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 11-C

Water Region 3 - (French Creek)

Regional District of Nanaimo

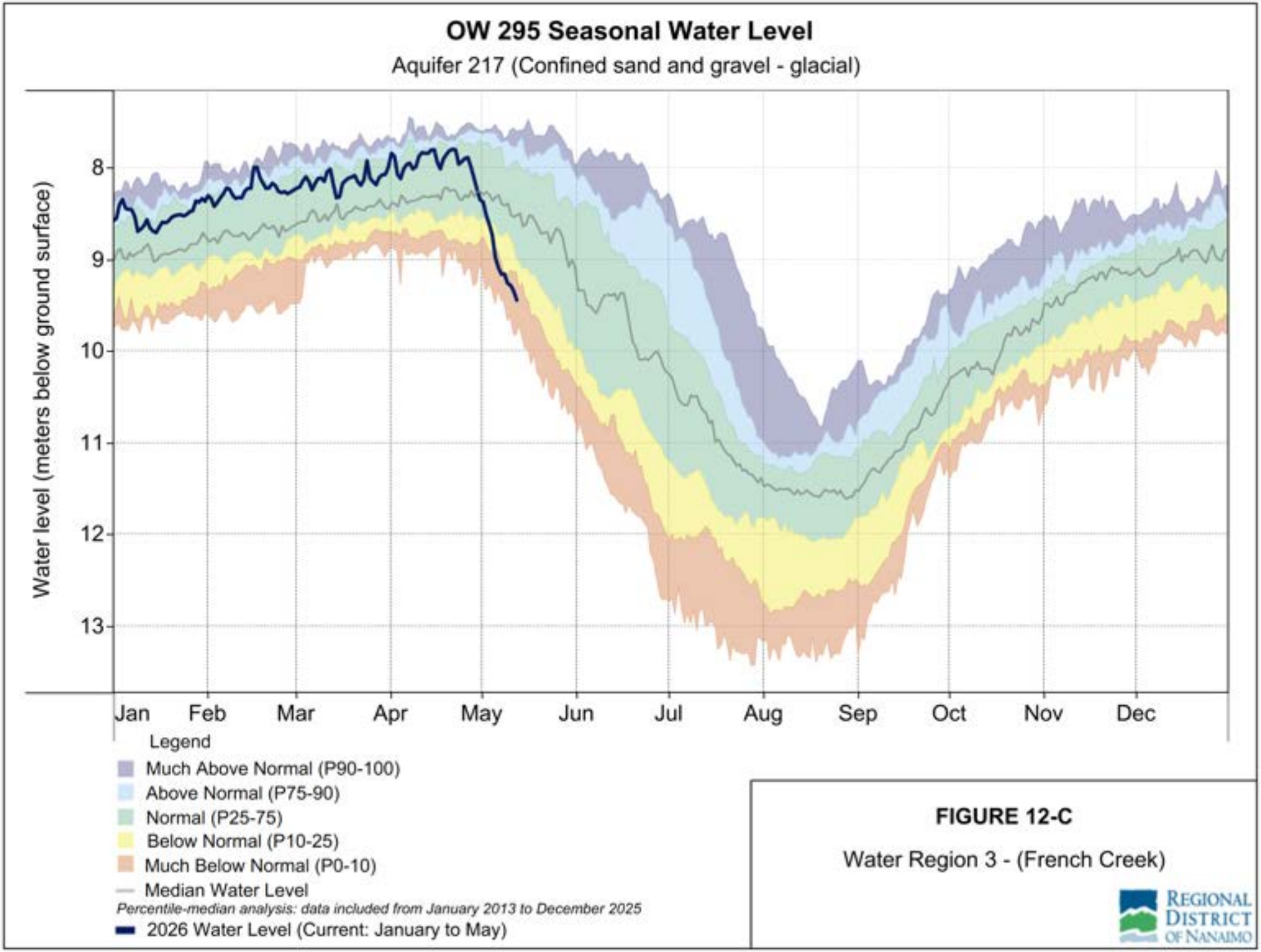


FIGURE 12-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

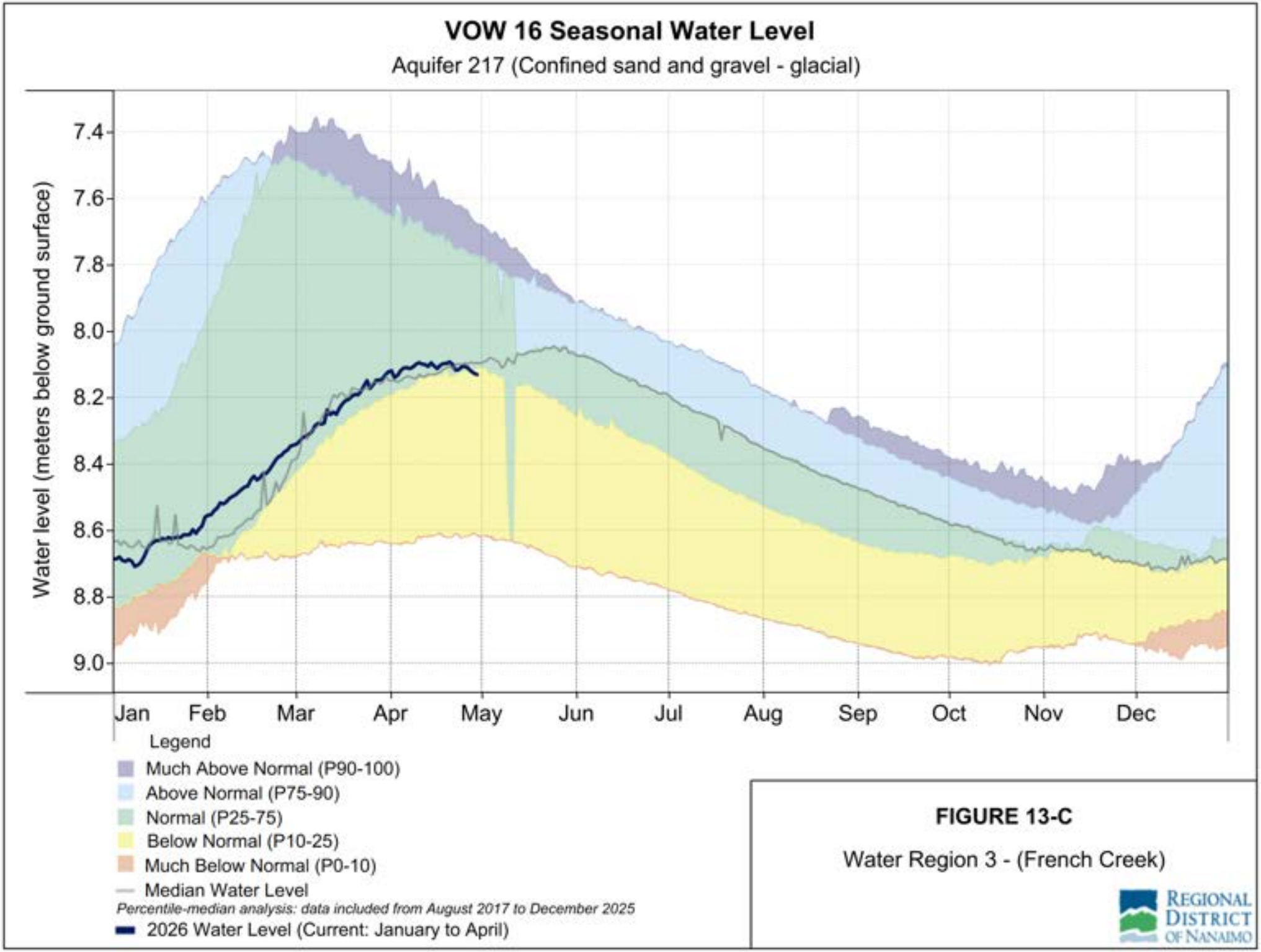


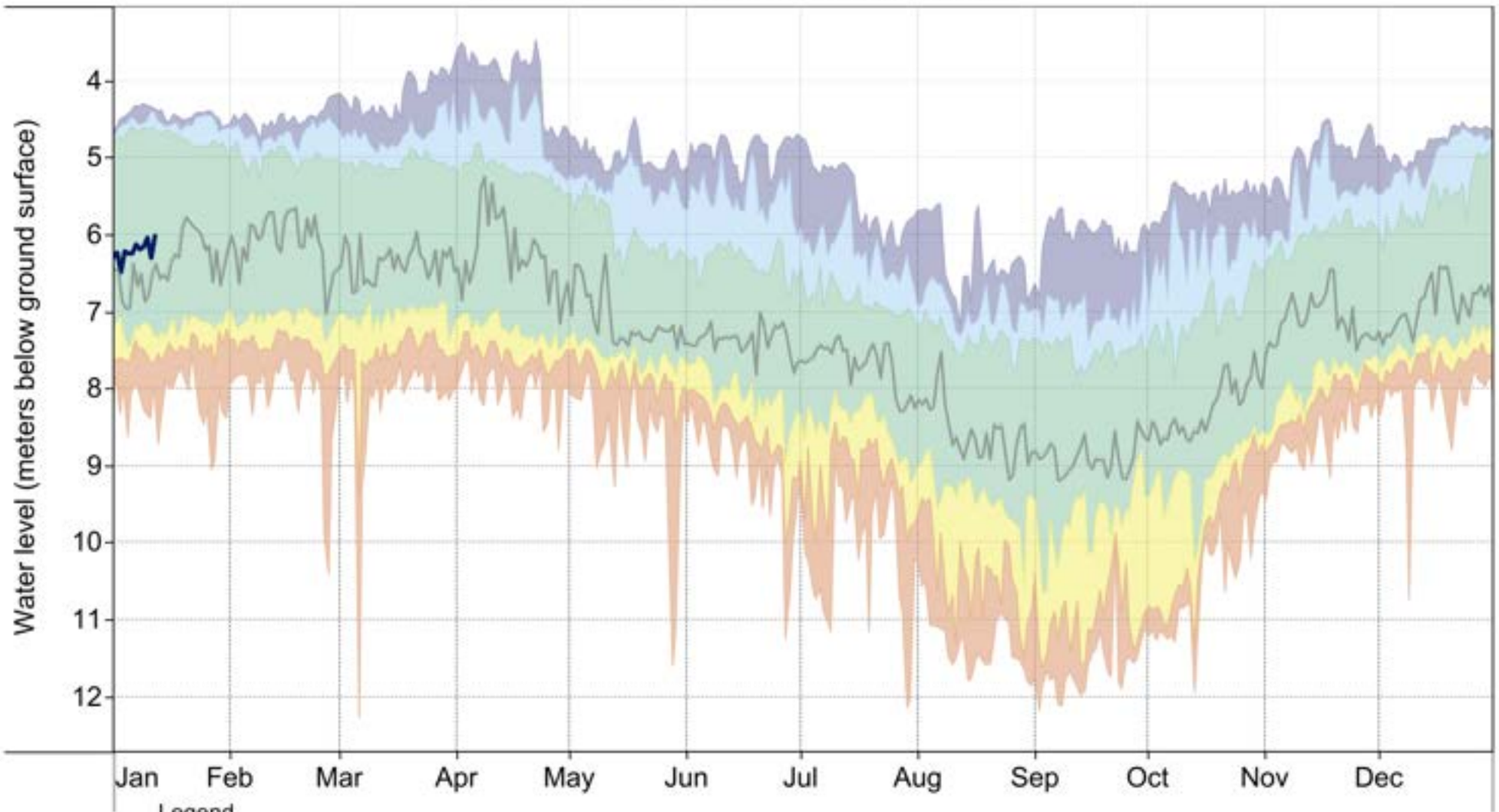
FIGURE 13-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

OW 287 Seasonal Water Level

Aquifer 220 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January)

FIGURE 14-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

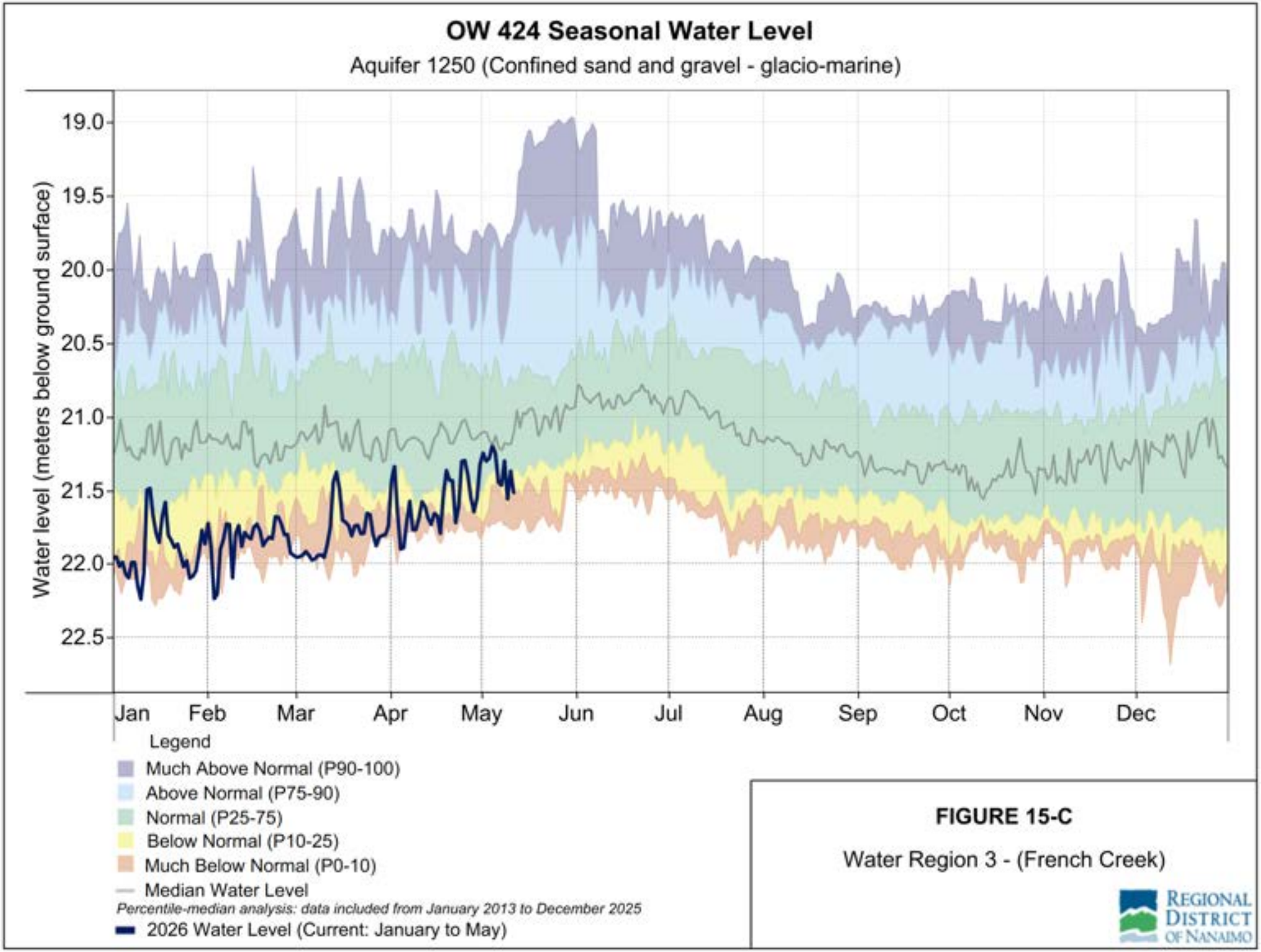


FIGURE 15-C

Water Region 3 - (French Creek)

REGIONAL DISTRICT OF NANAIMO

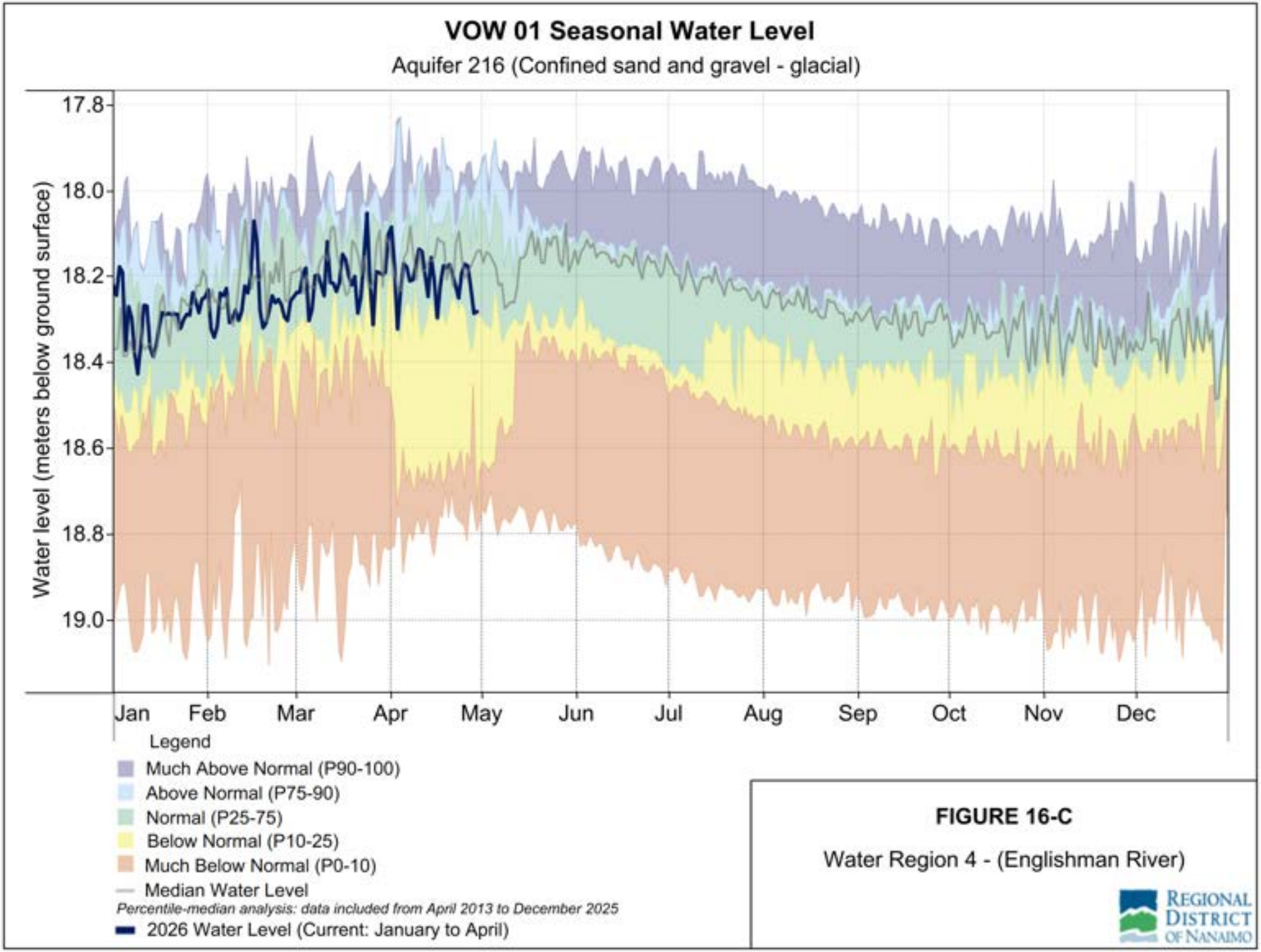


FIGURE 16-C

Water Region 4 - (Englishman River)

REGIONAL DISTRICT OF NANAIMO

OW 395 Seasonal Water Level

Aquifer 219 (Confined sand and gravel - glacial)

Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to February)

FIGURE 17-C

Water Region 4 - (Englishman River)

Regional District of Nanaimo

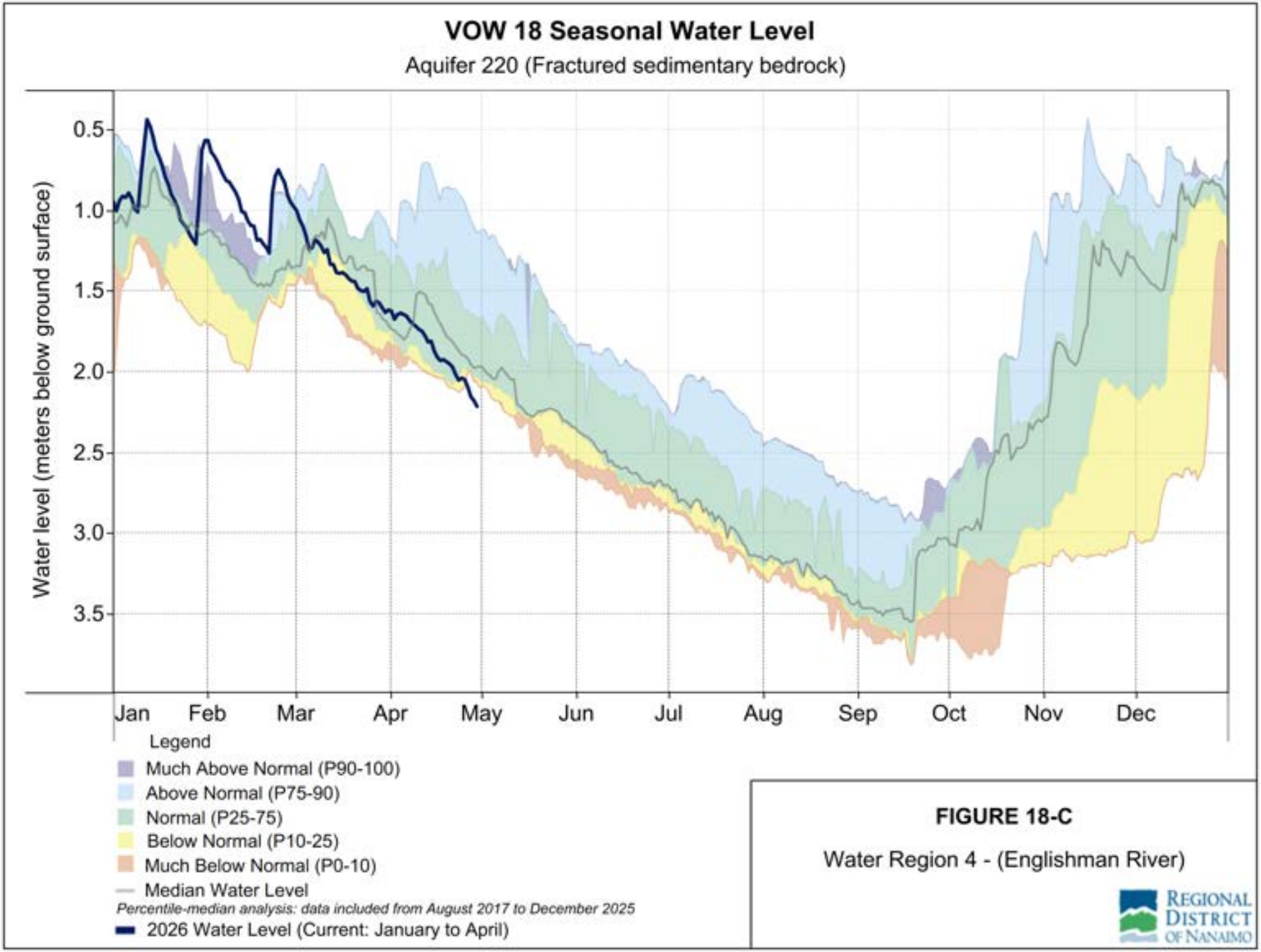


FIGURE 18-C

Water Region 4 - (Englishman River)

REGIONAL DISTRICT OF NANAIMO

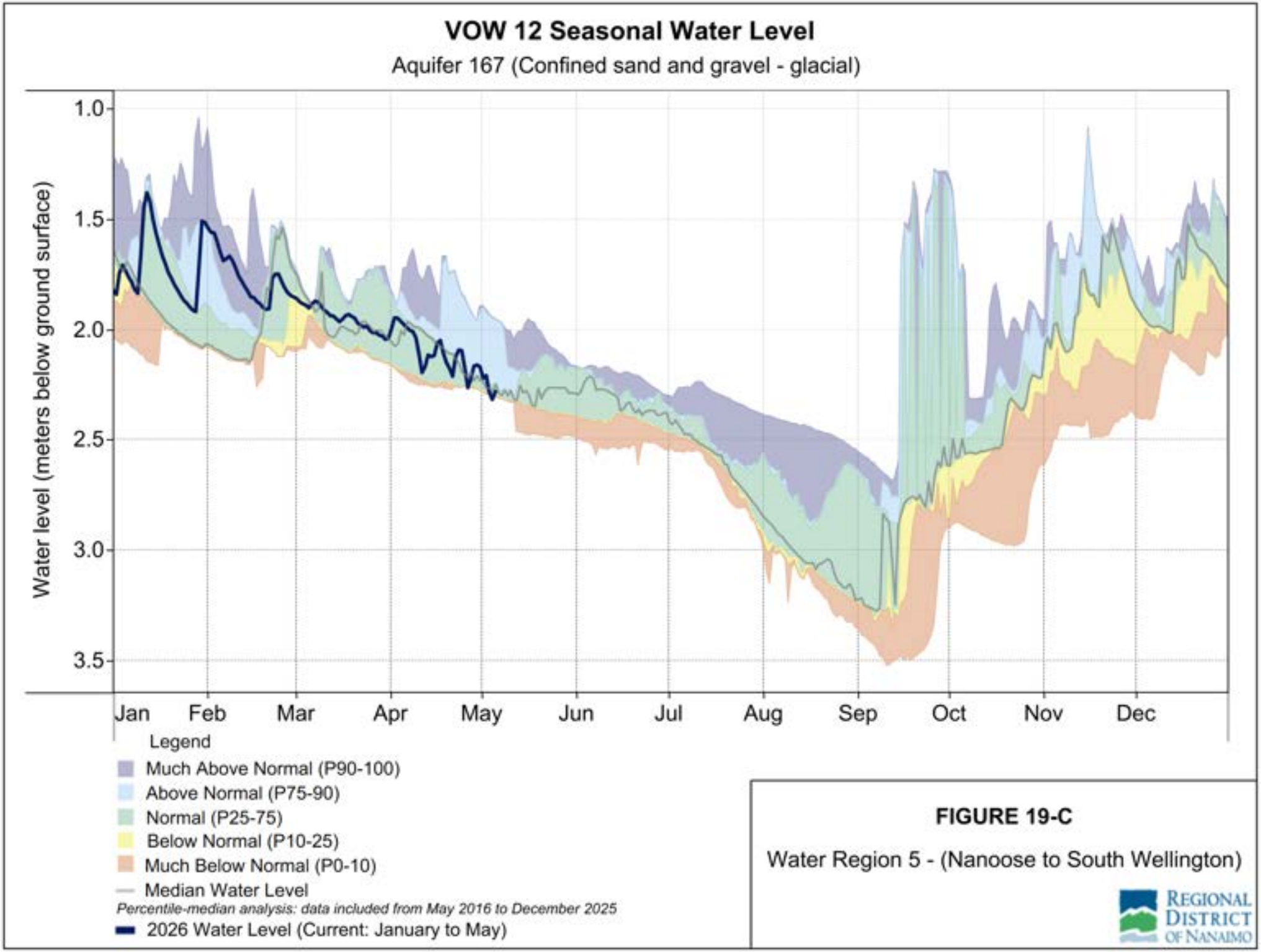


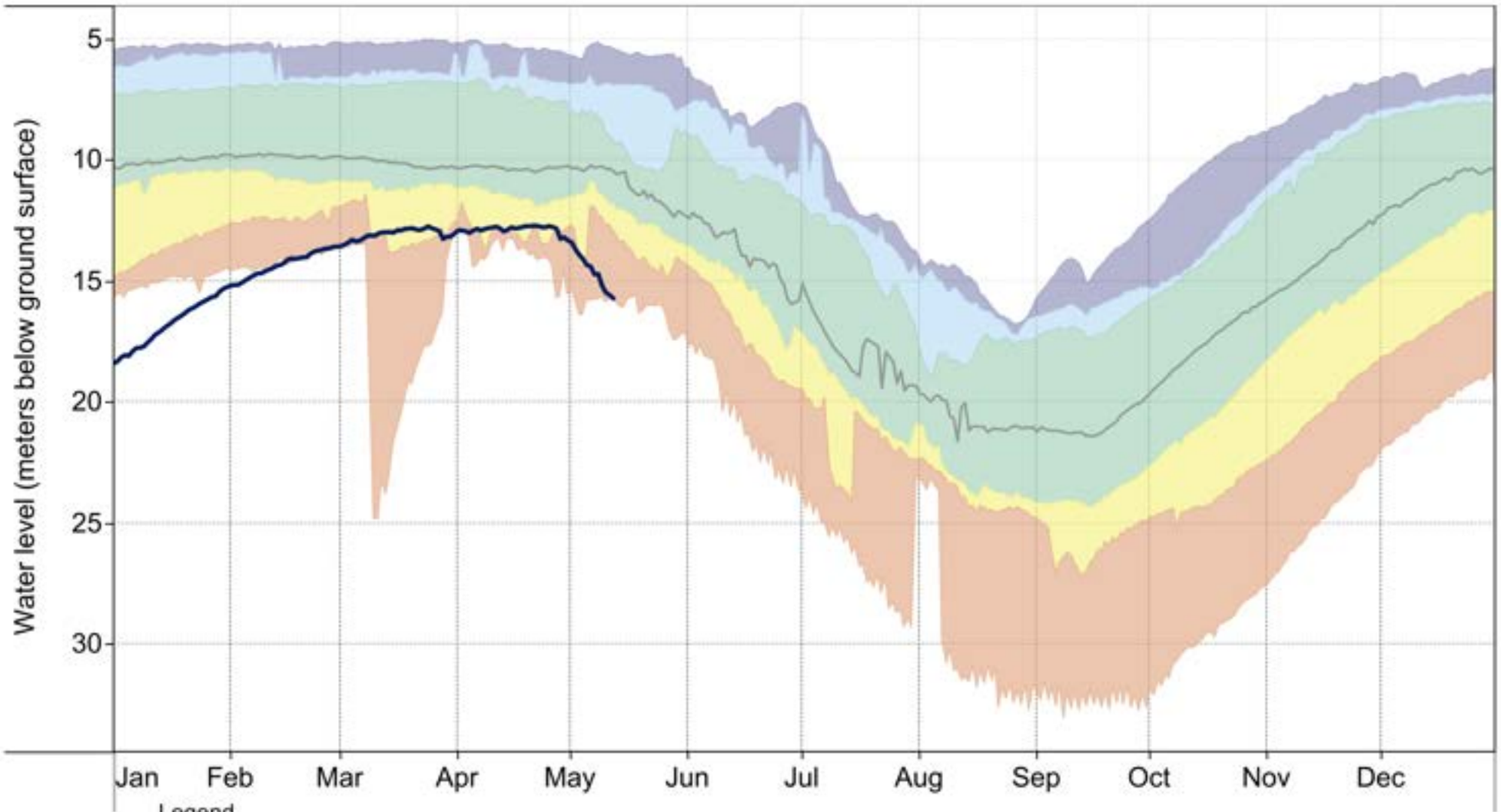
FIGURE 19-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 388 Seasonal Water Level

Aquifer 211 (Fractured crystalline bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to May)

FIGURE 20-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

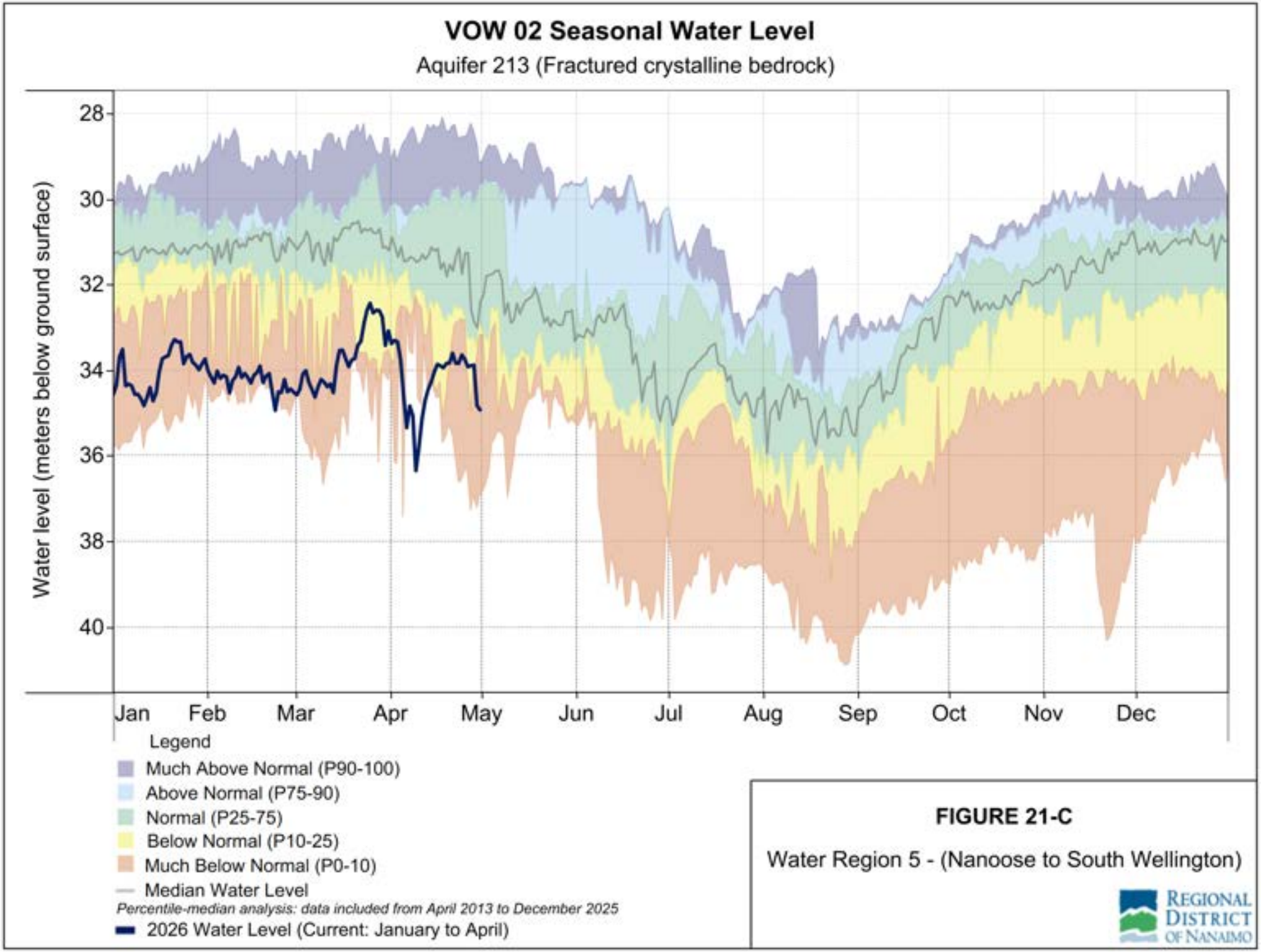


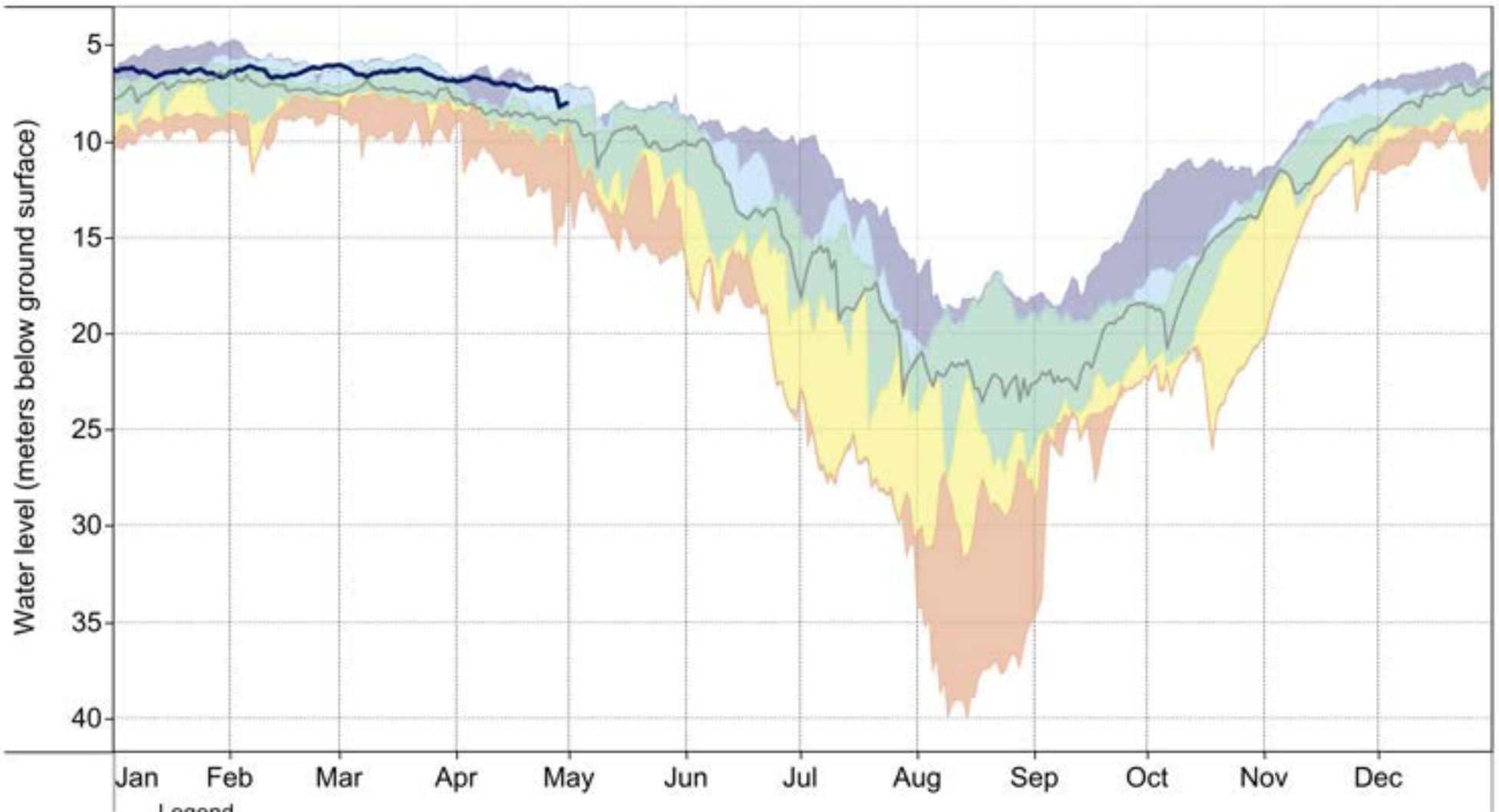
FIGURE 21-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

VOW 03 Seasonal Water Level

Aquifer 213 (Fractured crystalline bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2013 to December 2025

- 2026 Water Level (Current: January to April)

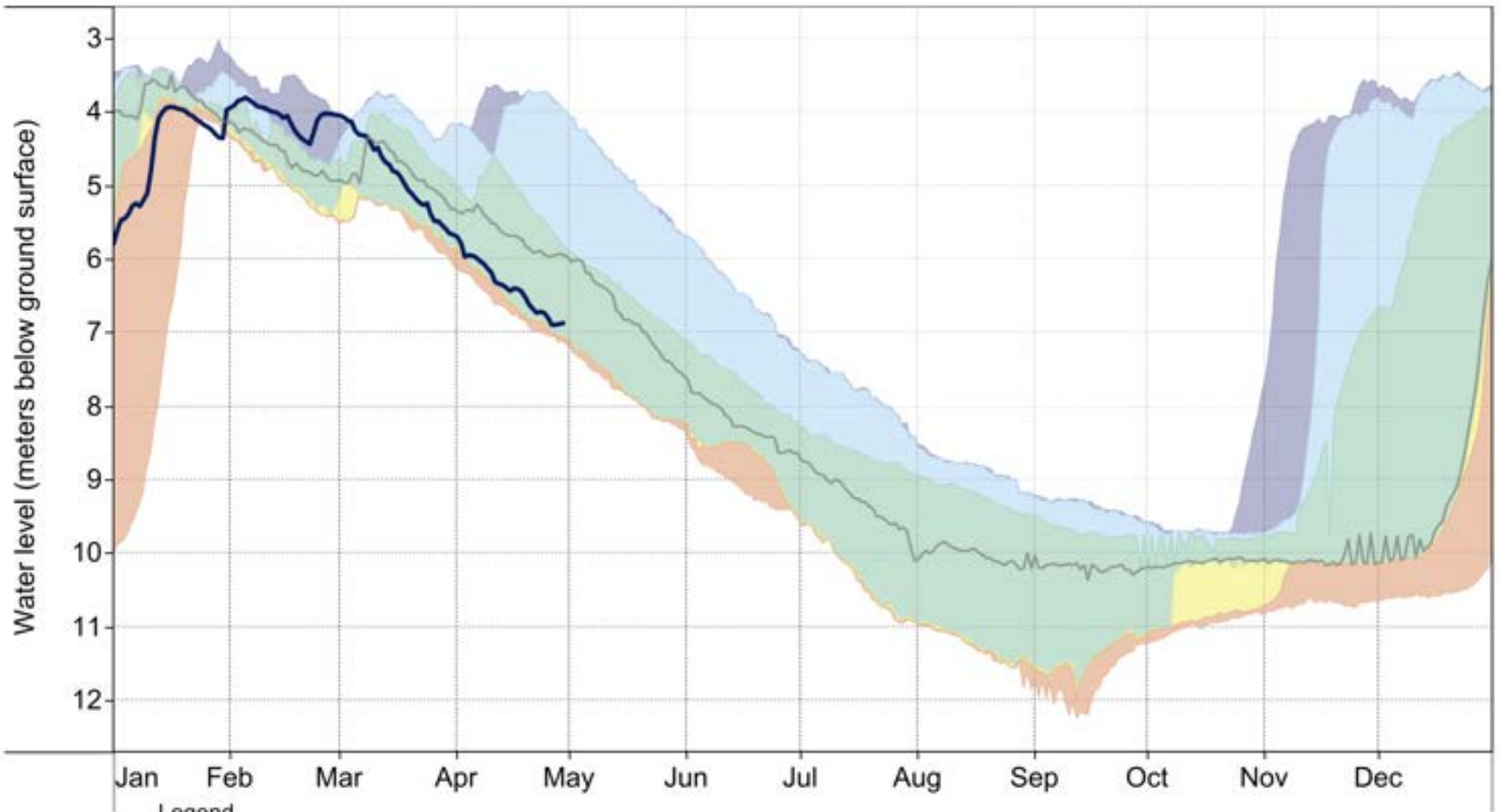
FIGURE 22-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 13 Seasonal Water Level

Aquifer 213 (Fractured crystalline bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from May 2016 to December 2025

- 2026 Water Level (Current: January to April)

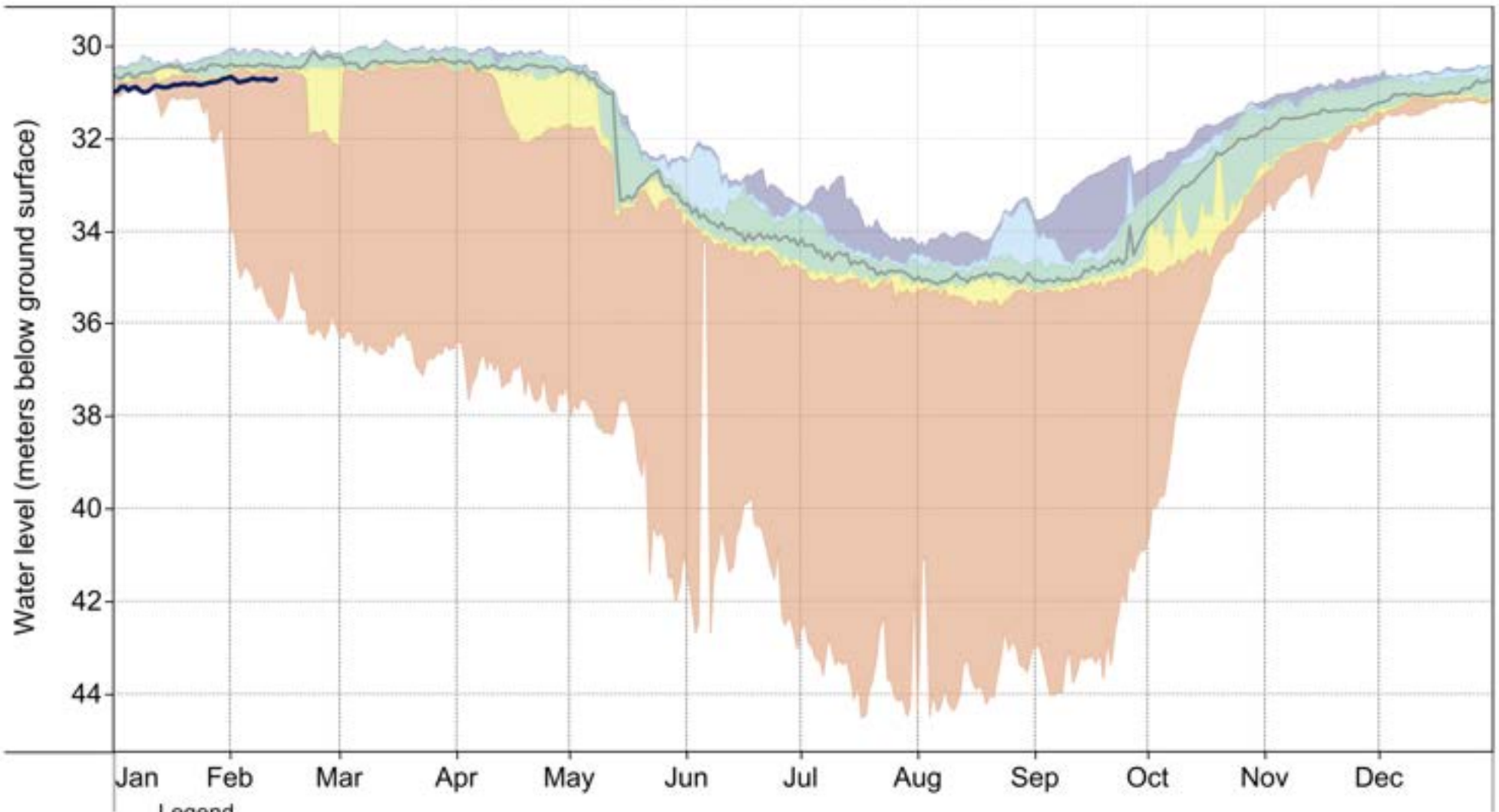
FIGURE 23-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 30 Seasonal Water Level

Aquifer 214 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2015 to December 2025

- 2026 Water Level (Current: January to February)

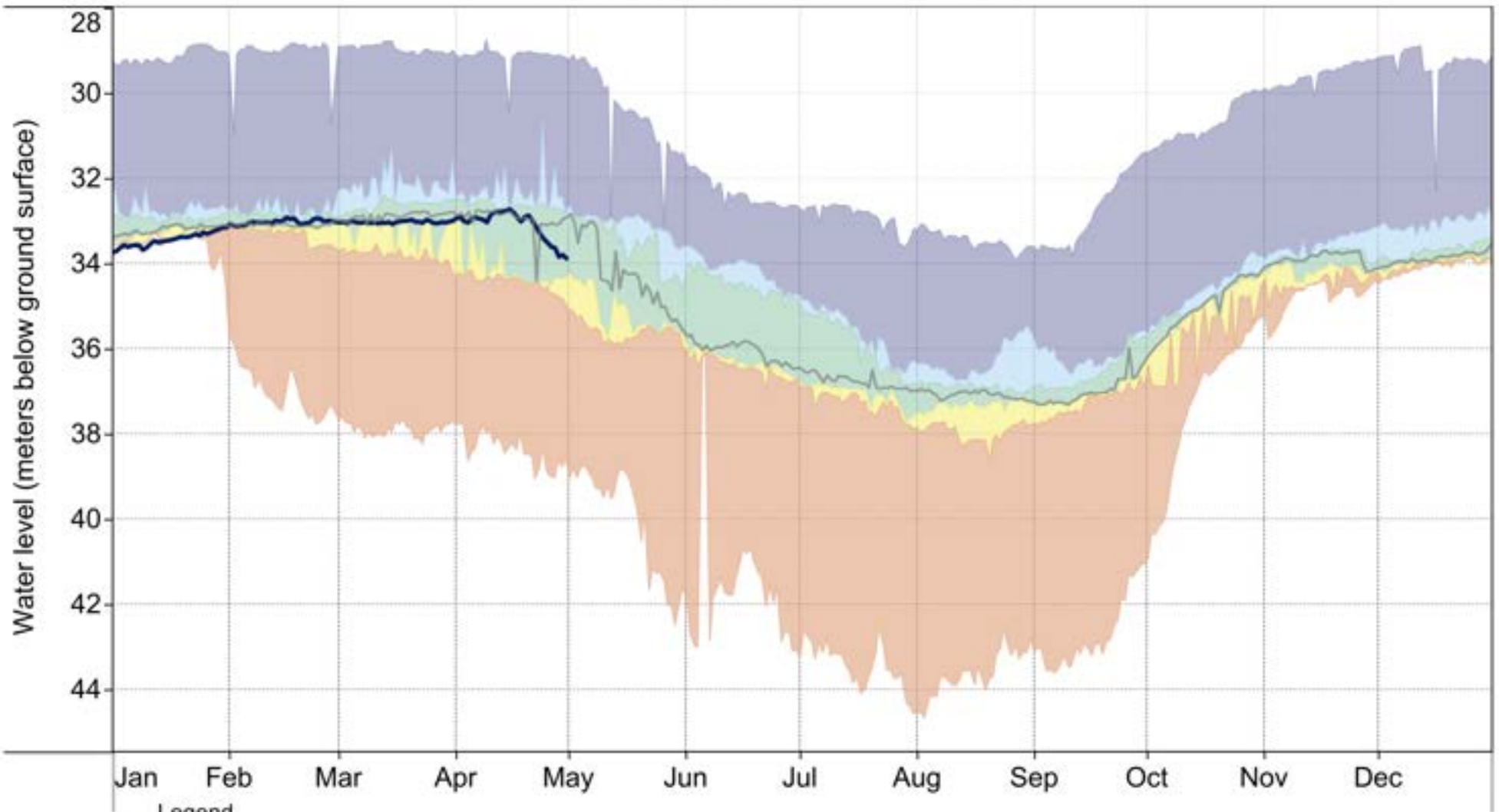
FIGURE 24-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 31 Seasonal Water Level

Aquifer 214 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2015 to December 2025

- 2026 Water Level (Current: January to April)

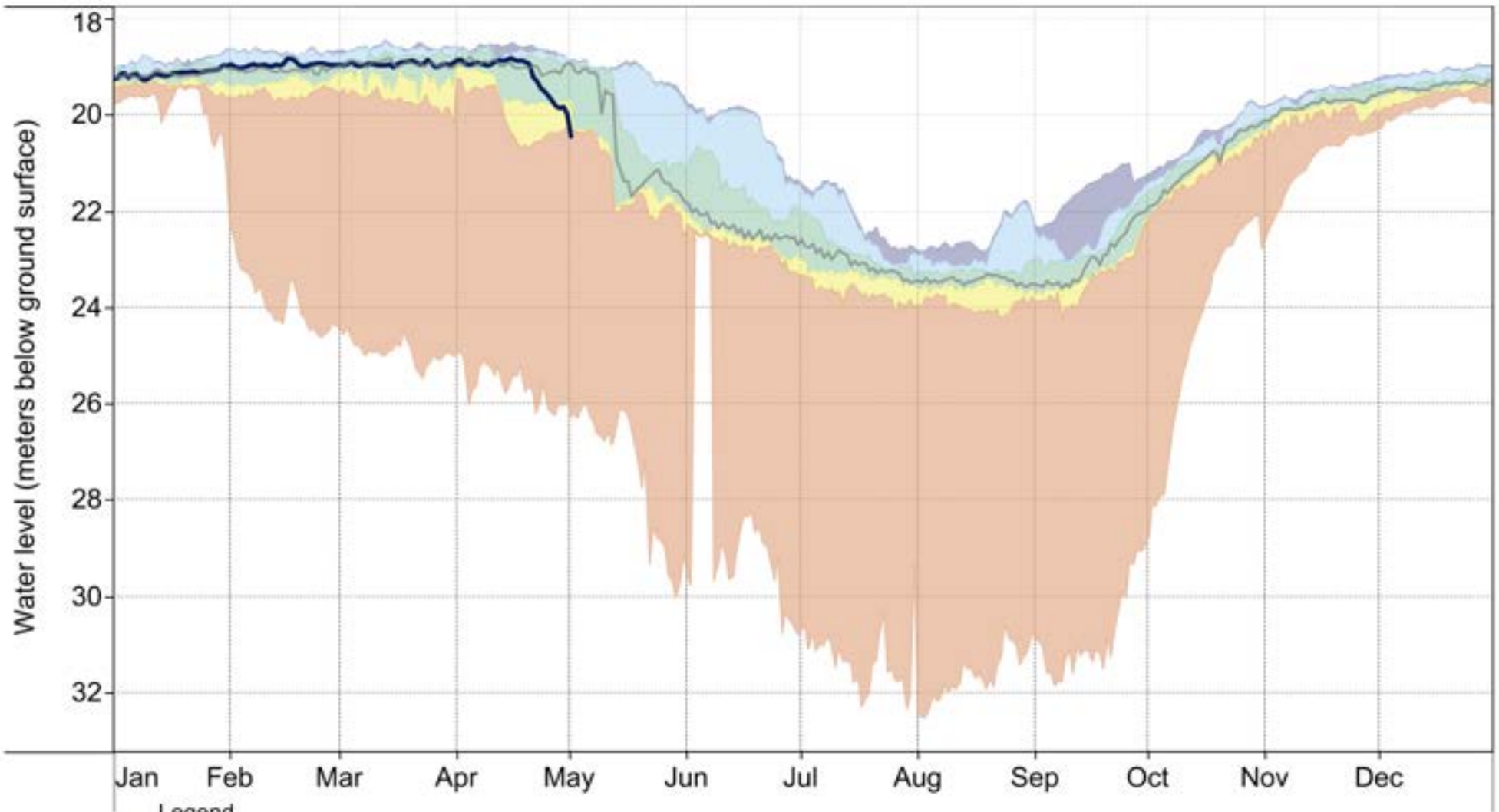
FIGURE 25-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 32 Seasonal Water Level

Aquifer 214 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2015 to December 2025

- 2026 Water Level (Current: January to May)

FIGURE 26-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

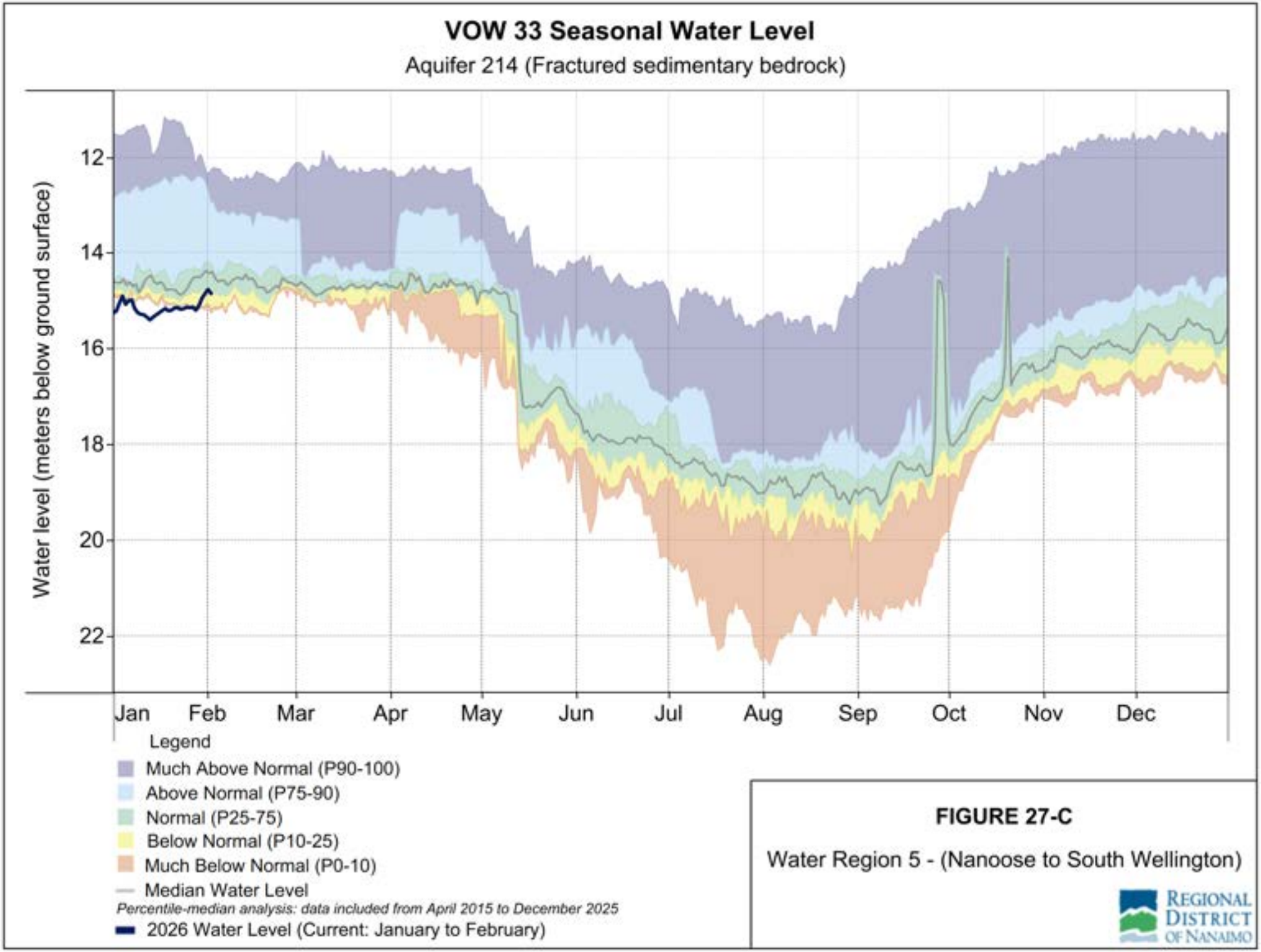


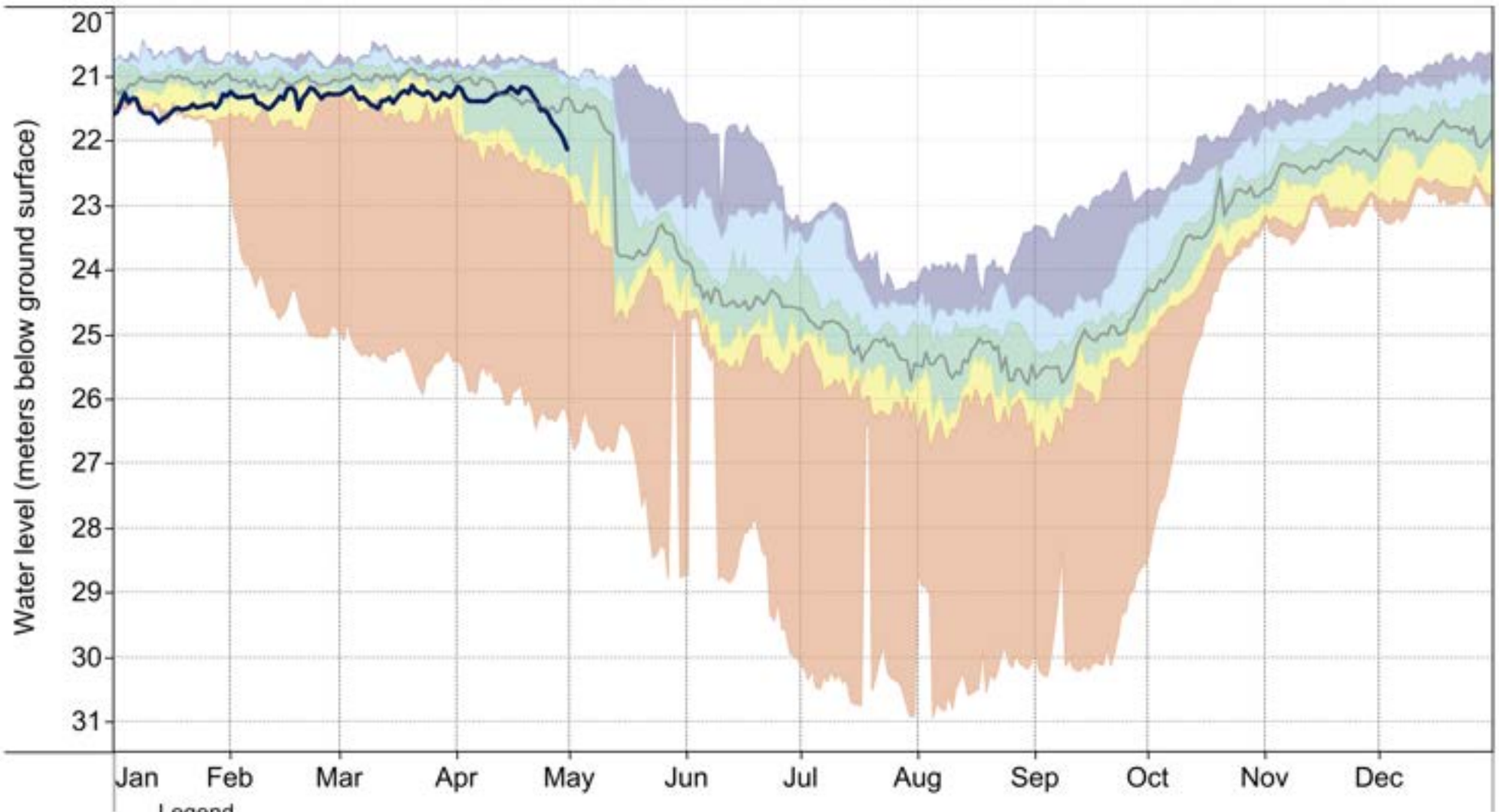
FIGURE 27-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

VOW 34 Seasonal Water Level

Aquifer 214 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2015 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 28-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

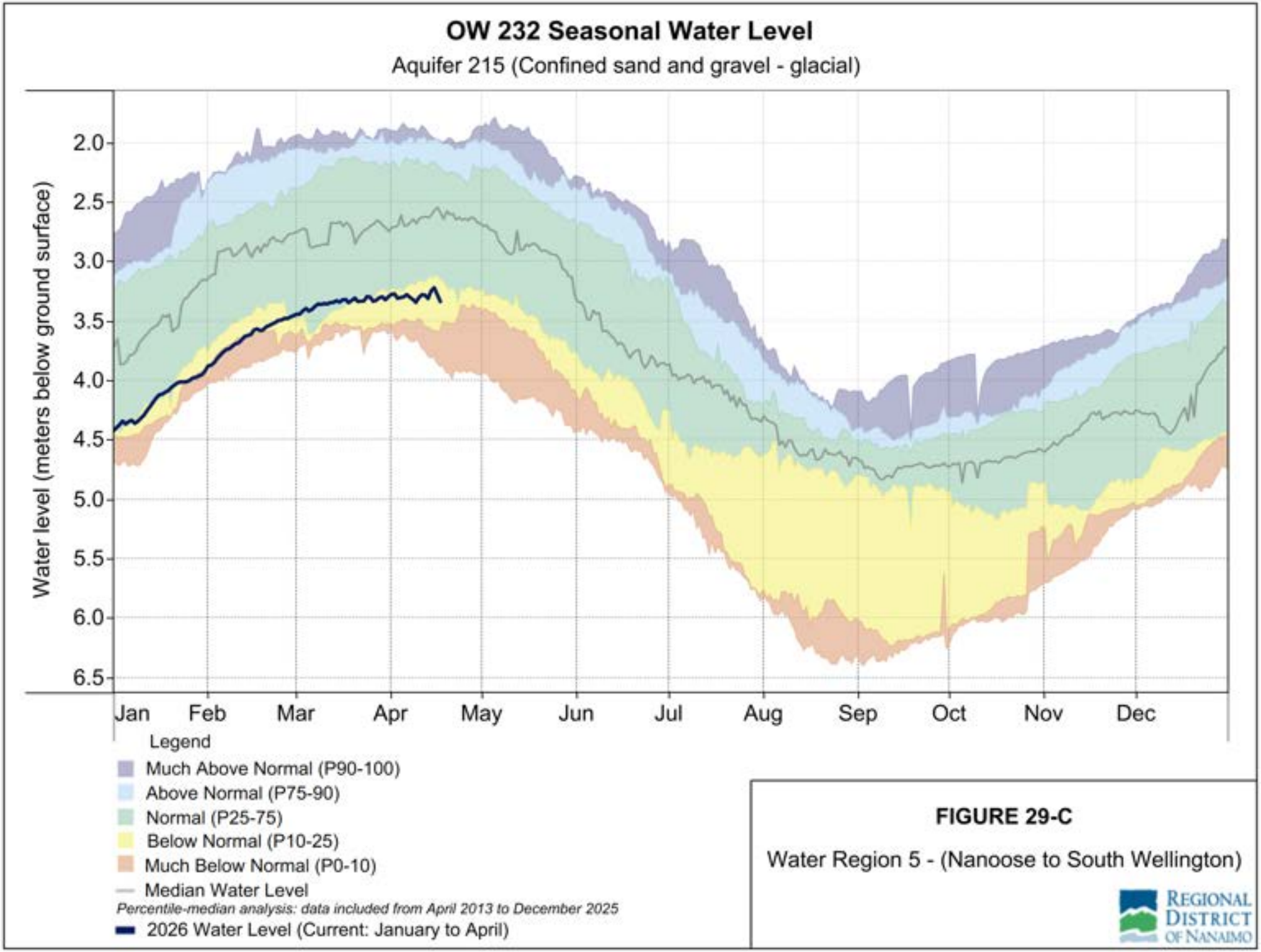


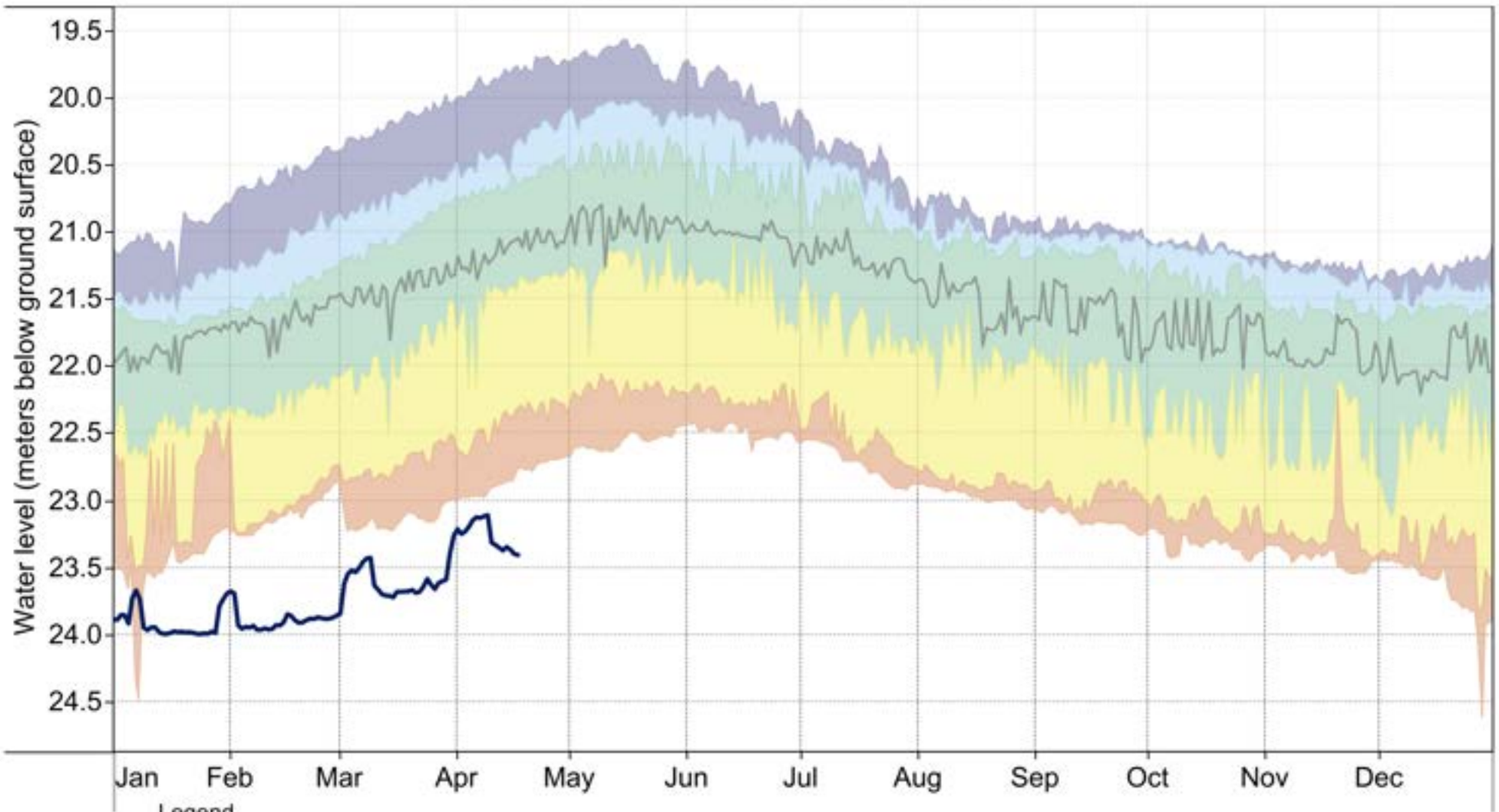
FIGURE 29-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 340 Seasonal Water Level

Aquifer 215 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to April)

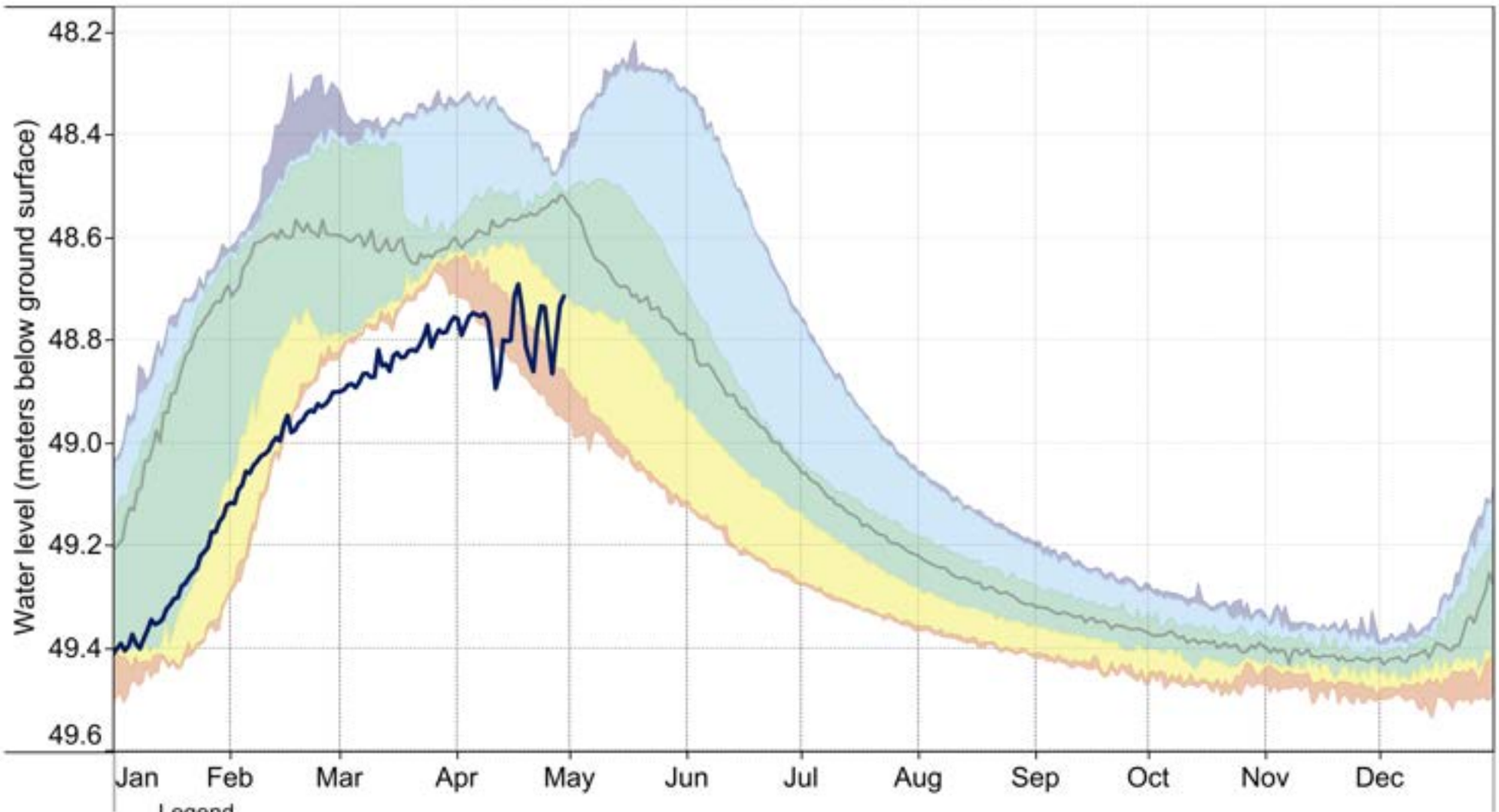
FIGURE 30-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

VOW 28 Seasonal Water Level

Aquifer 215 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

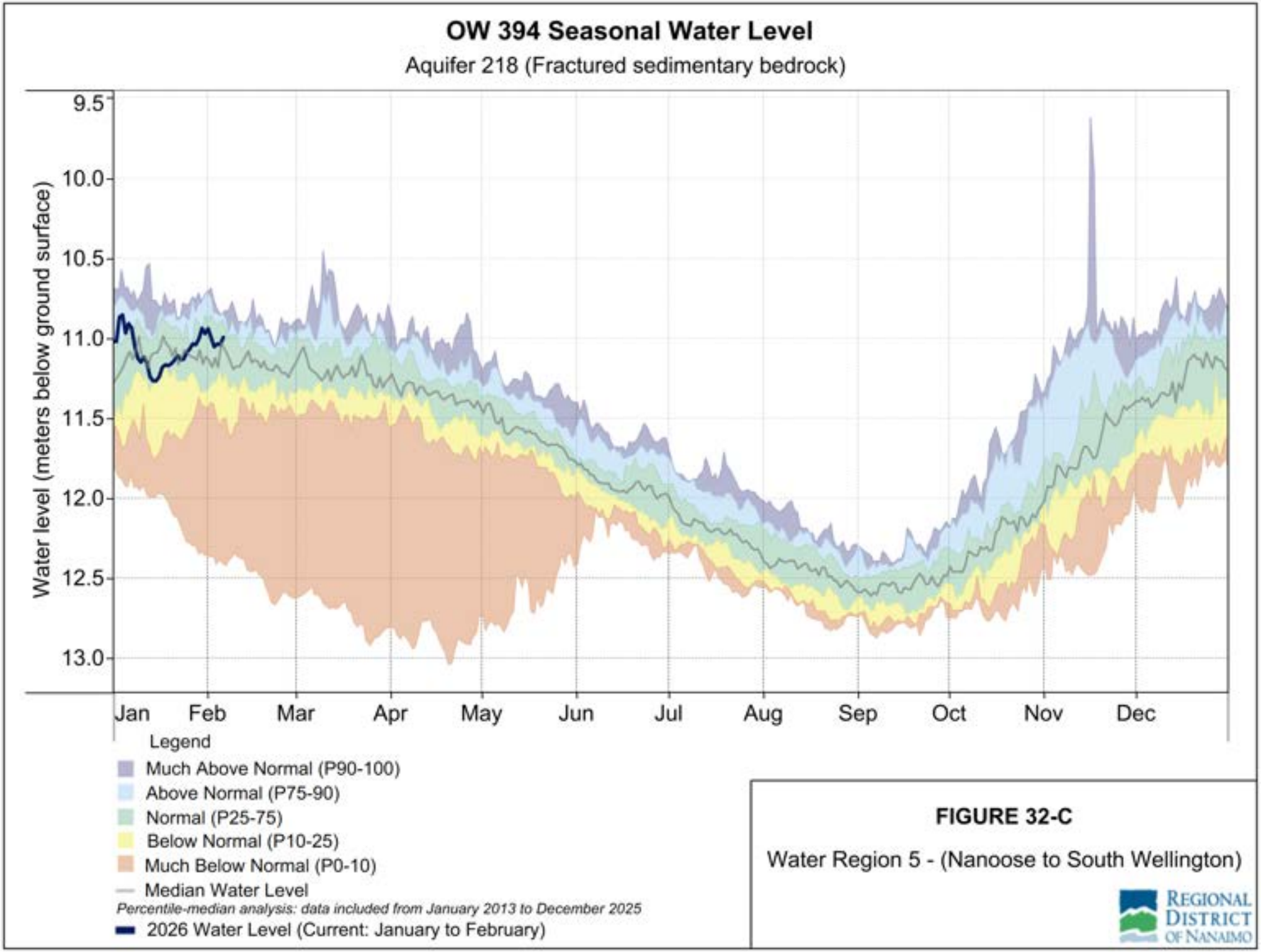
Percentile-median analysis: data included from August 2017 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 31-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo


OW 394 Seasonal Water Level
Aquifer 218 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
9.5
10.0
10.5
11.0
11.5
12.0
12.5
13.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from January 2013 to December 2025
2026 Water Level (Current: January to February)
FIGURE 32-C
Water Region 5 - (Nanoose to South Wellington)
Regional District of Nanaimo

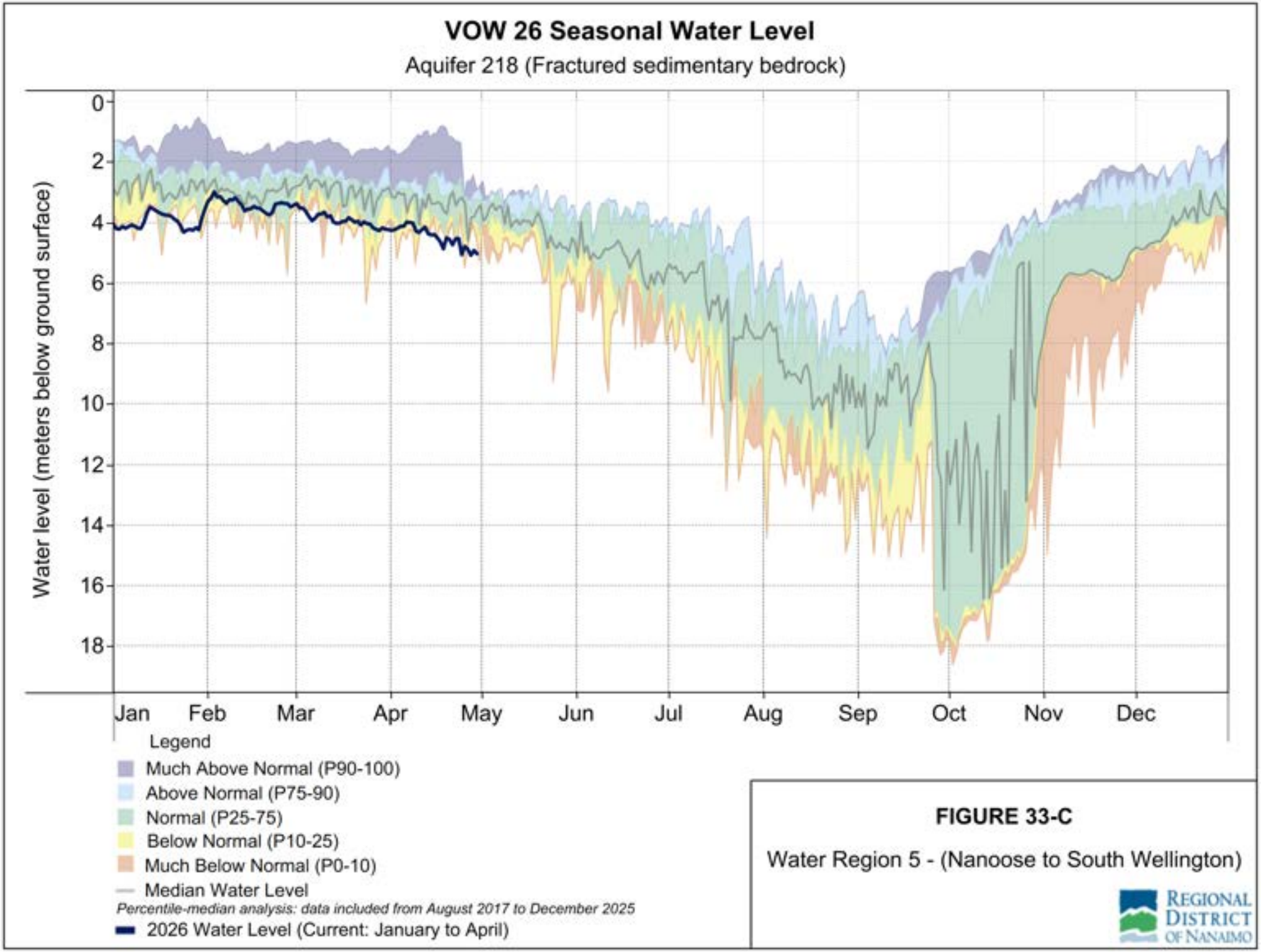


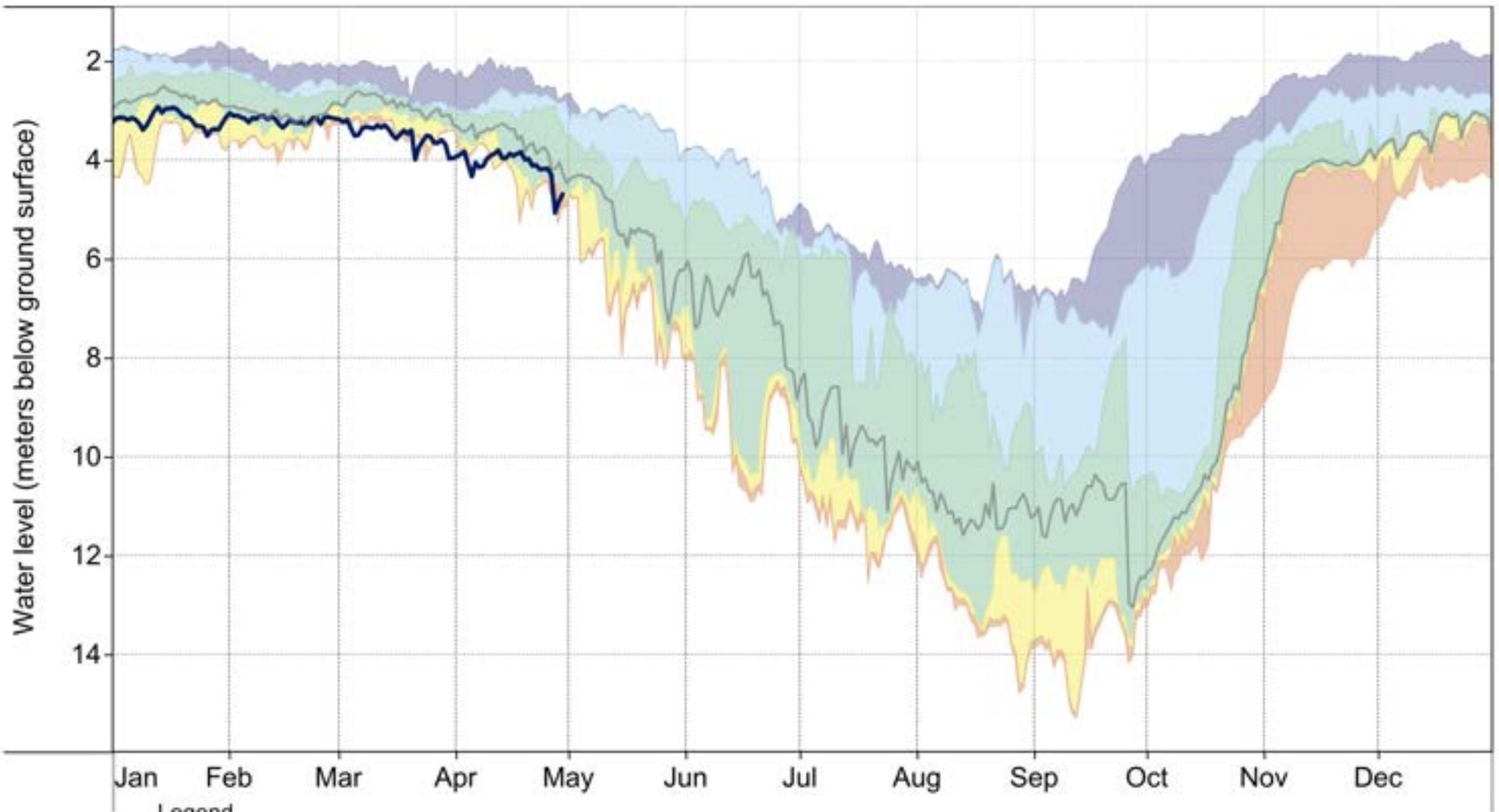
FIGURE 33-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

VOW 27 Seasonal Water Level

Aquifer 218 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from August 2017 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 34-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo

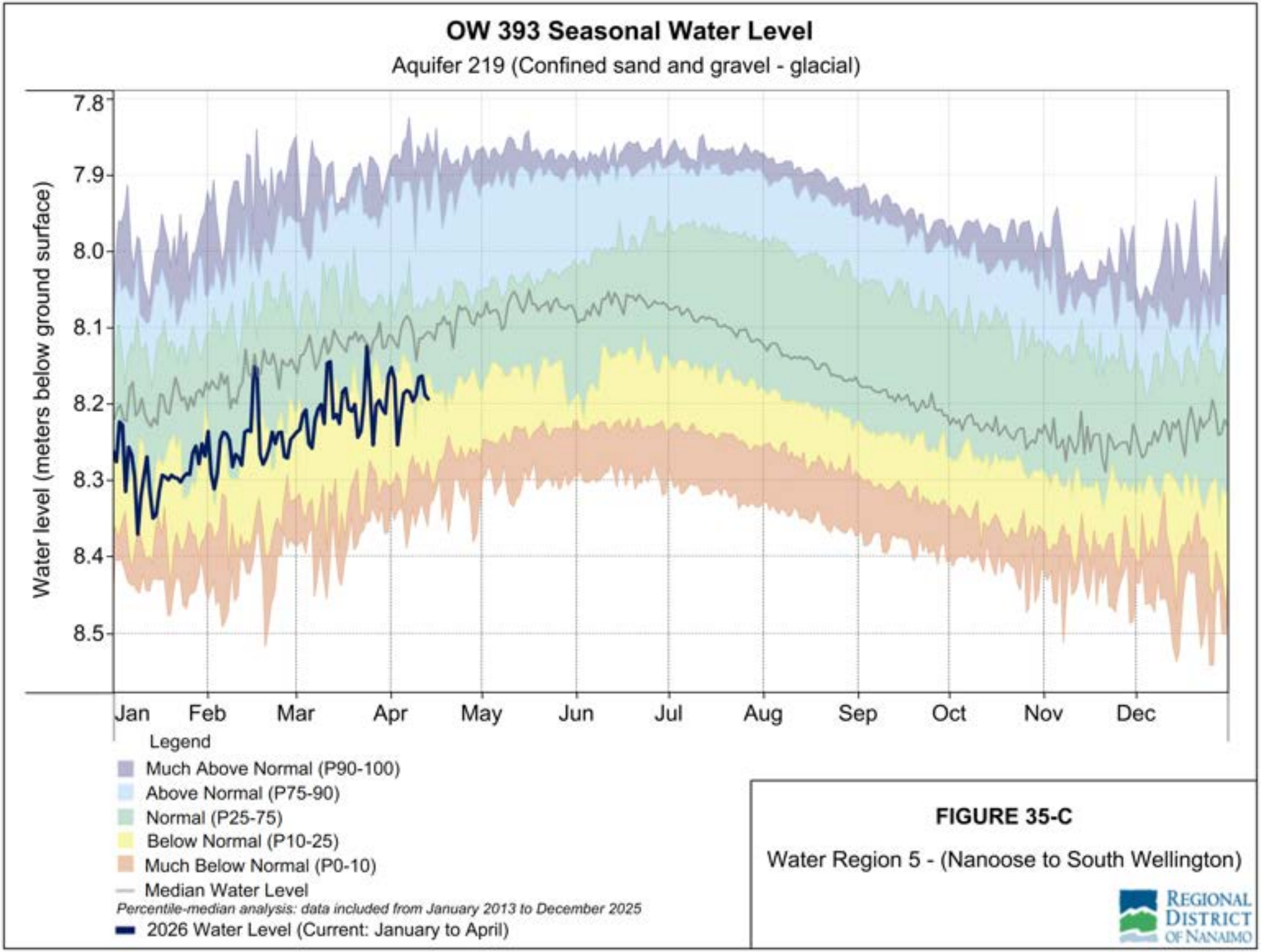


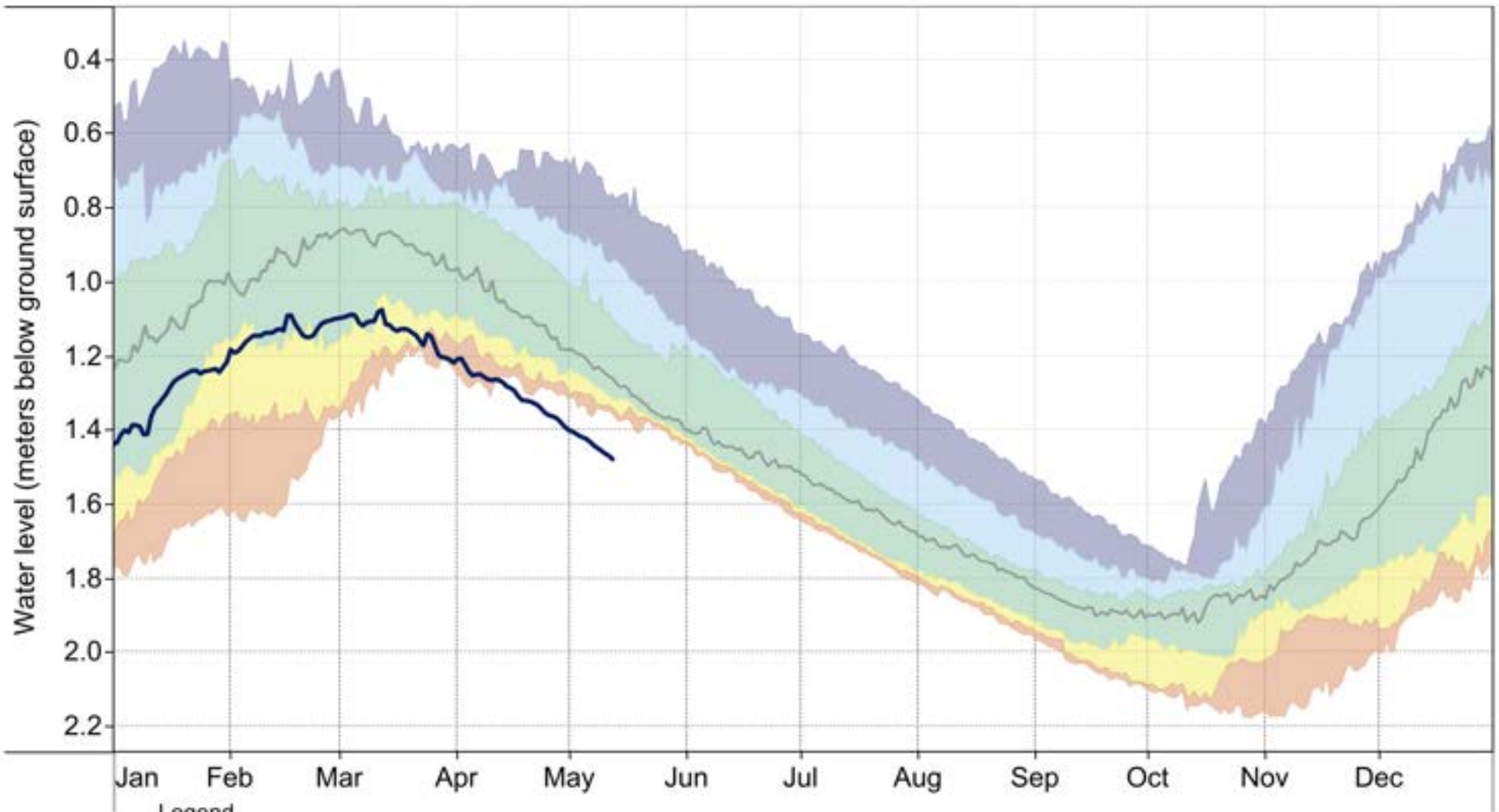
FIGURE 35-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 396 Seasonal Water Level

Aquifer 219 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

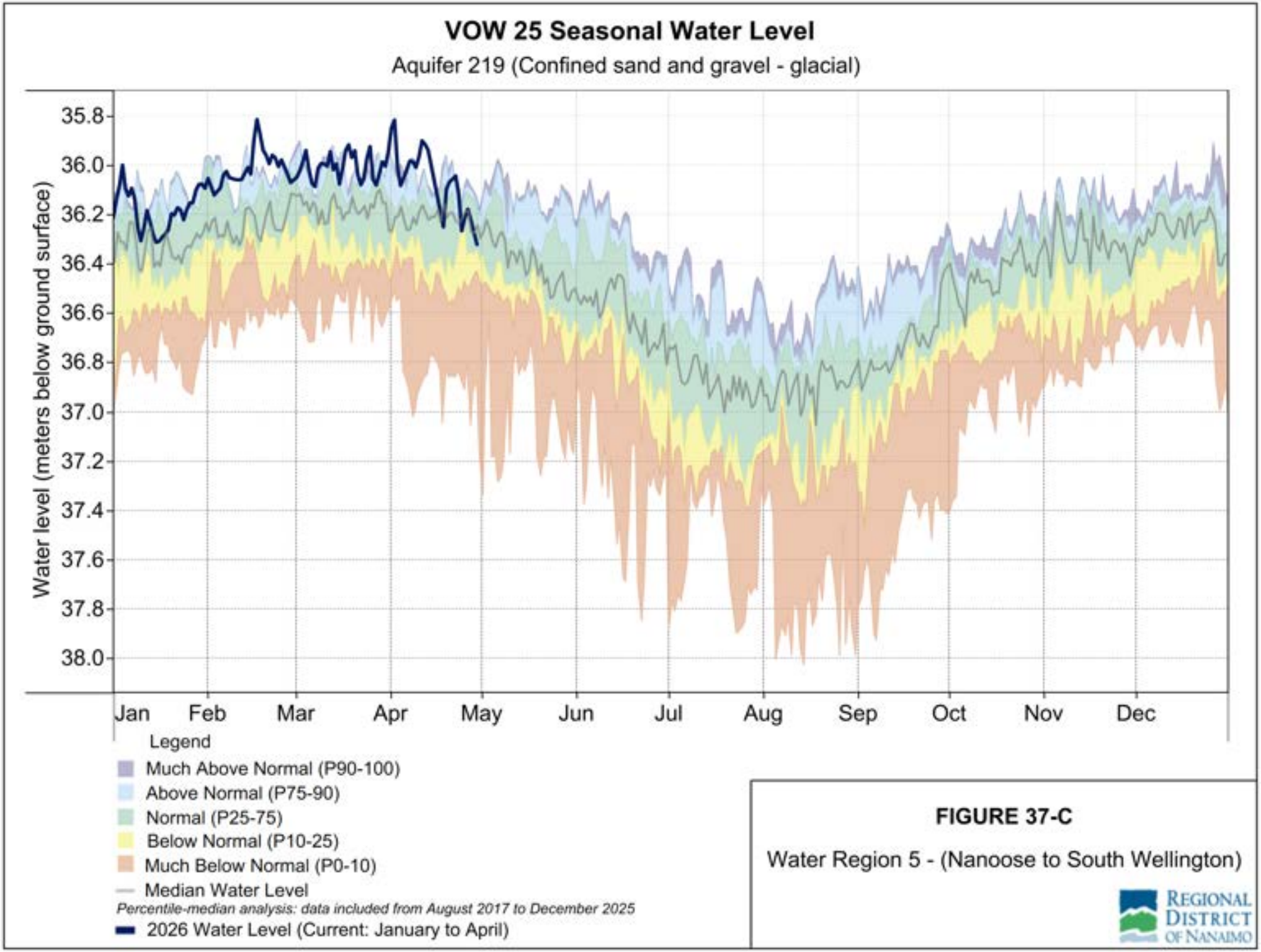
Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to May)

FIGURE 36-C

Water Region 5 - (Nanoose to South Wellington)

Regional District of Nanaimo


VOW 25 Seasonal Water Level
Aquifer 219 (Confined sand and gravel - glacial)
Water level (meters below ground surface)
35.8
36.0
36.2
36.4
36.6
36.8
37.0
37.2
37.4
37.6
37.8
38.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from August 2017 to December 2025
2026 Water Level (Current: January to April)
FIGURE 37-C
Water Region 5 - (Nanoose to South Wellington)
Regional District of Nanaimo

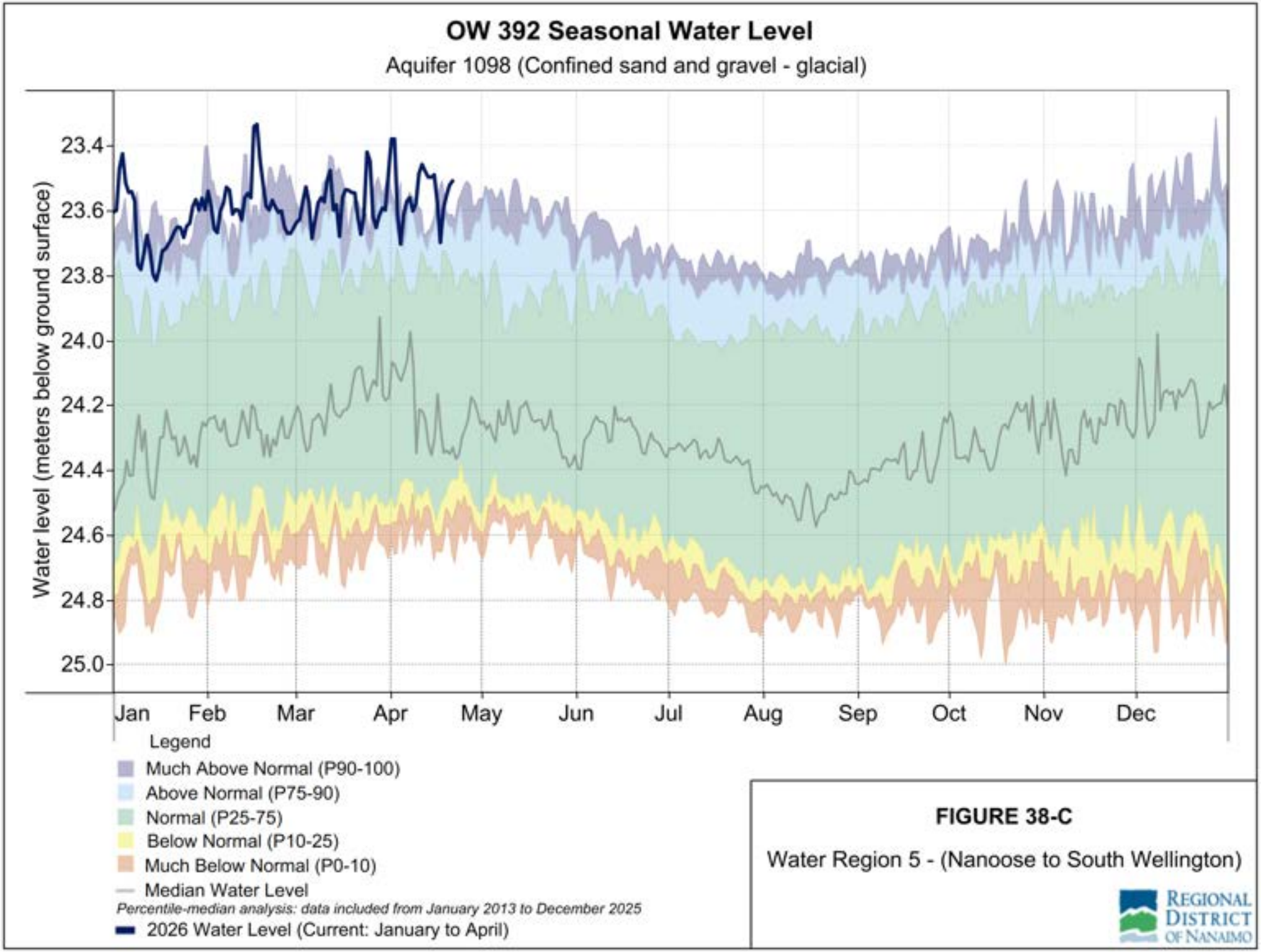


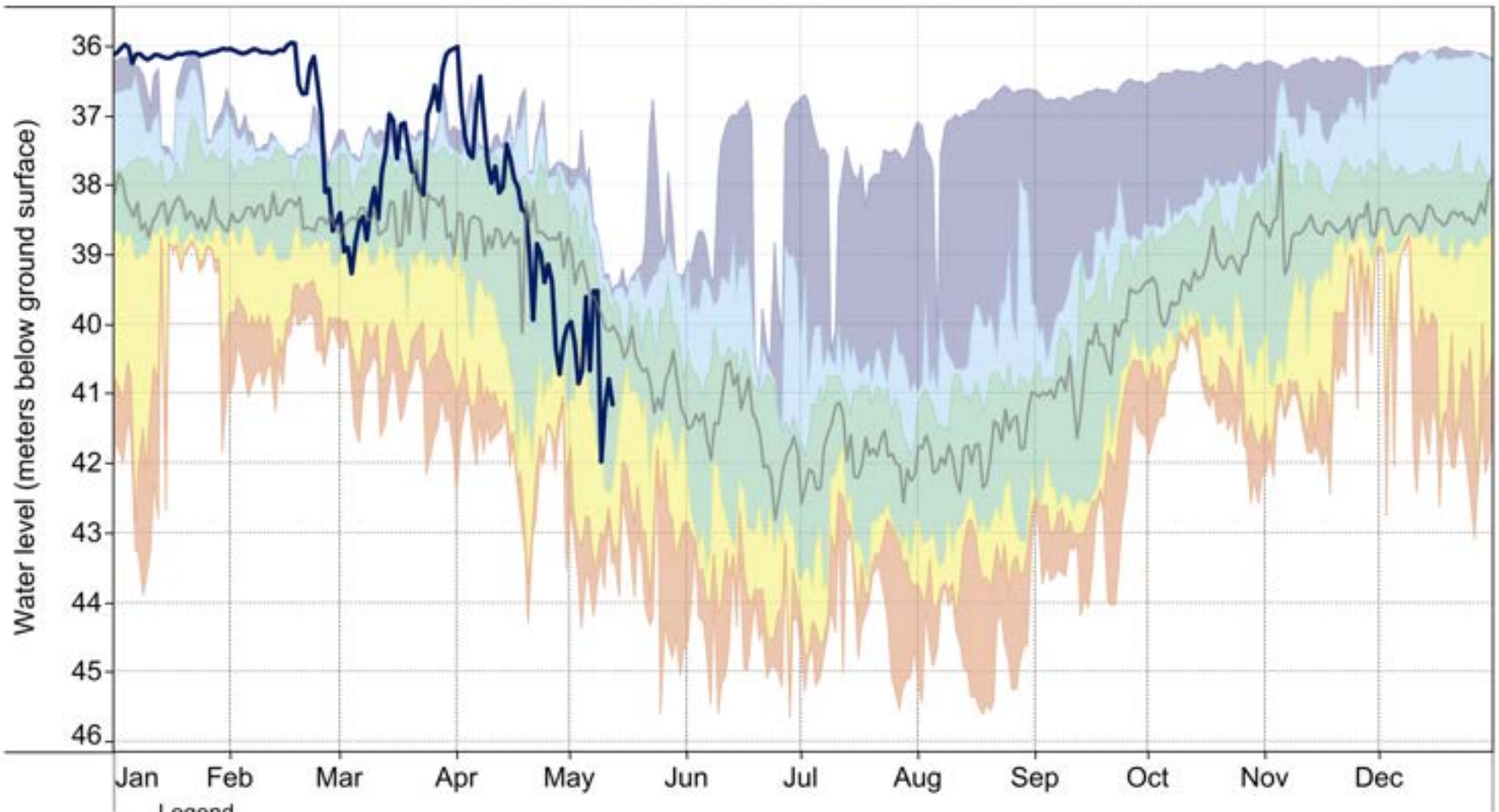
FIGURE 38-C

Water Region 5 - (Nanoose to South Wellington)

REGIONAL DISTRICT OF NANAIMO

OW 397 Seasonal Water Level

Aquifer 1098 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

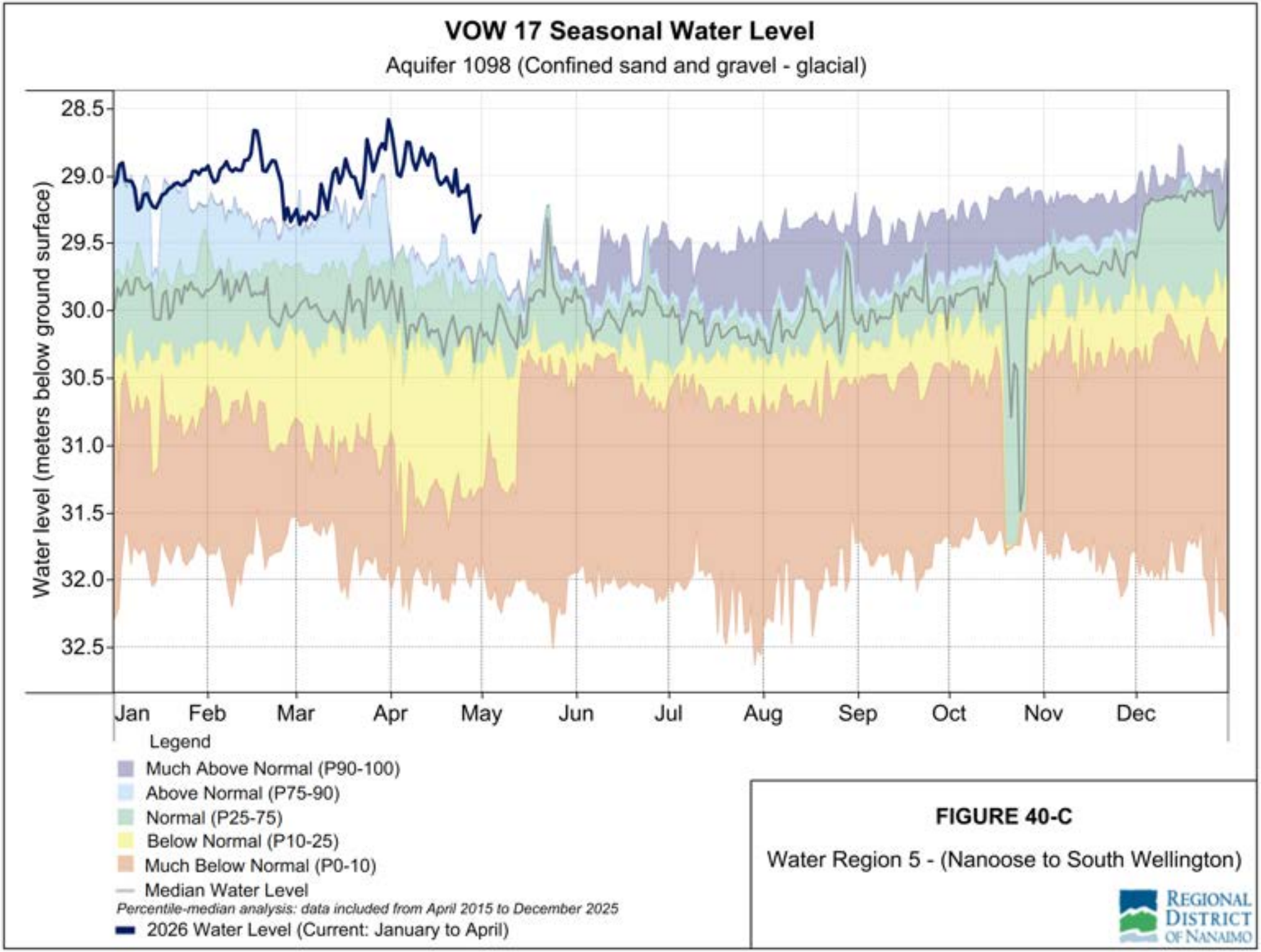
Percentile-median analysis: data included from April 2014 to December 2025

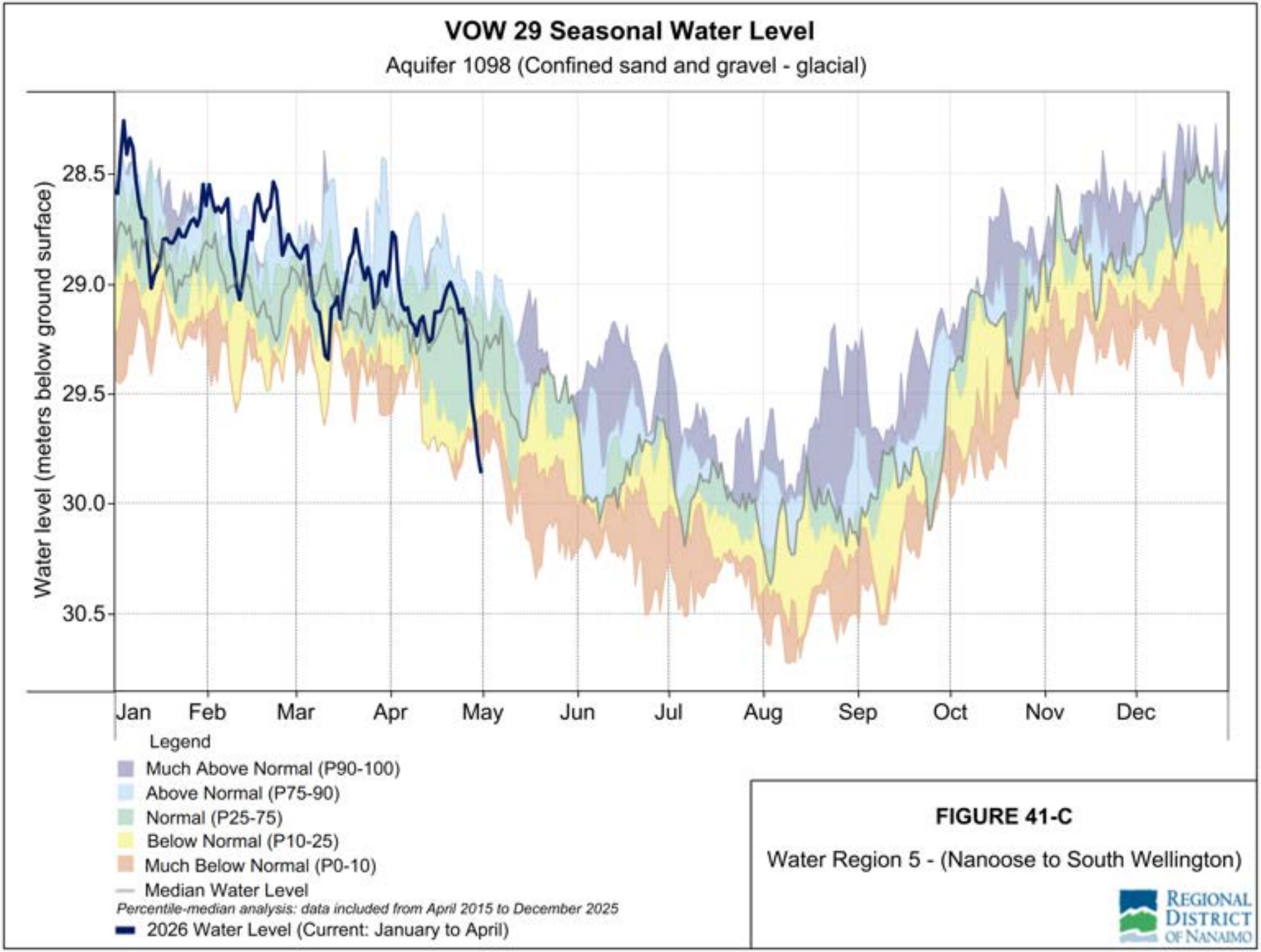
- 2026 Water Level (Current: January to May)

FIGURE 39-C

Water Region 5 - (Nanoose to South Wellington)

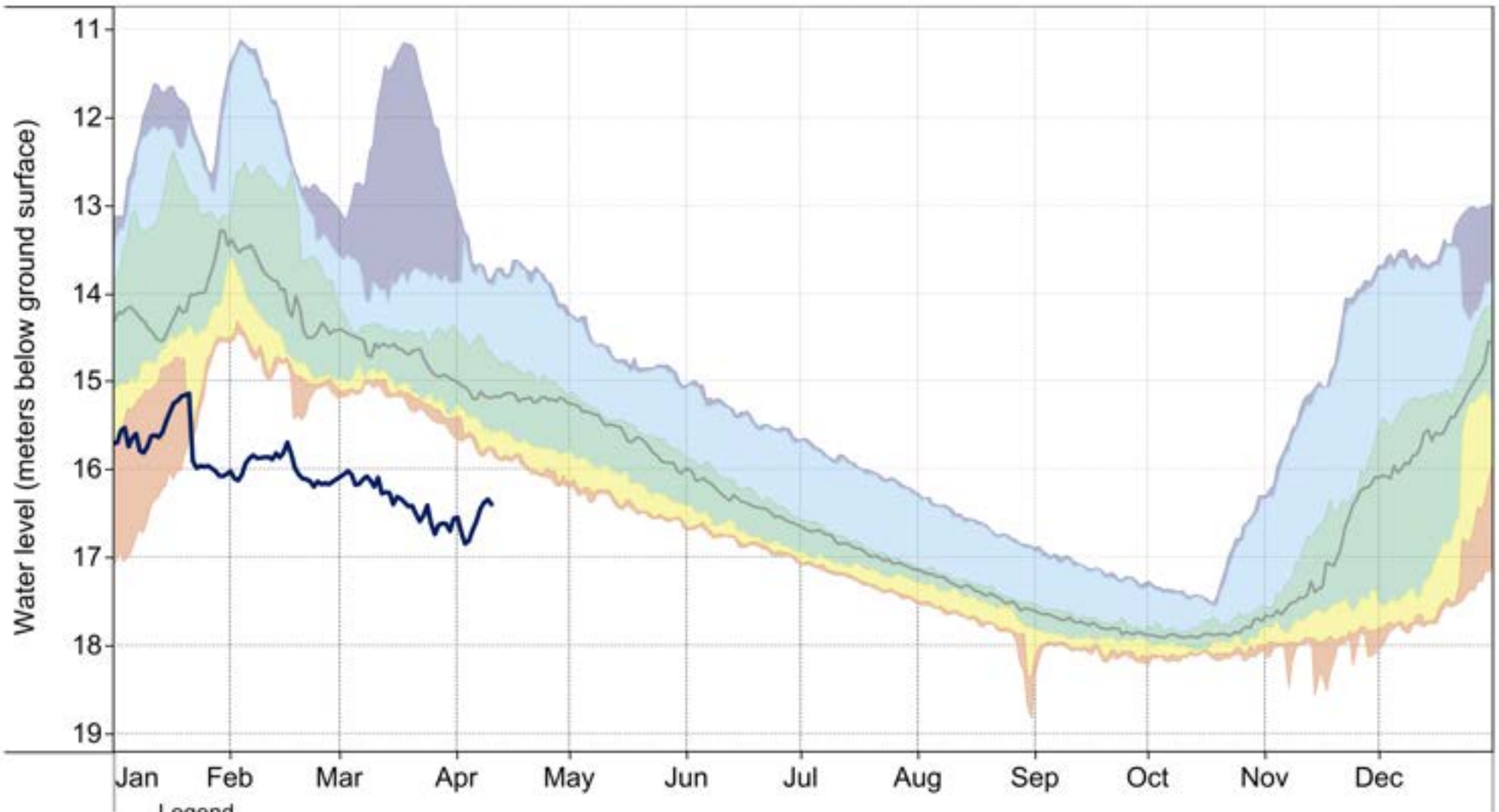
Regional District of Nanaimo


VOW 17 Seasonal Water Level
Aquifer 1098 (Confined sand and gravel - glacial)
Water level (meters below ground surface)
28.5
29.0
29.5
30.0
30.5
31.0
31.5
32.0
32.5
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from April 2015 to December 2025
2026 Water Level (Current: January to April)
FIGURE 40-C
Water Region 5 - (Nanoose to South Wellington)
Regional District of Nanaimo


VOW 29 Seasonal Water Level
Aquifer 1098 (Confined sand and gravel - glacial)
Water level (meters below ground surface)
28.5
29.0
29.5
30.0
30.5
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from April 2015 to December 2025
2026 Water Level (Current: January to April)
FIGURE 41-C
Water Region 5 - (Nanoose to South Wellington)
Regional District of Nanaimo

OW 436 Seasonal Water Level

Aquifer 160 (Confined sand and gravel - glacial)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from December 2015 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 42-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

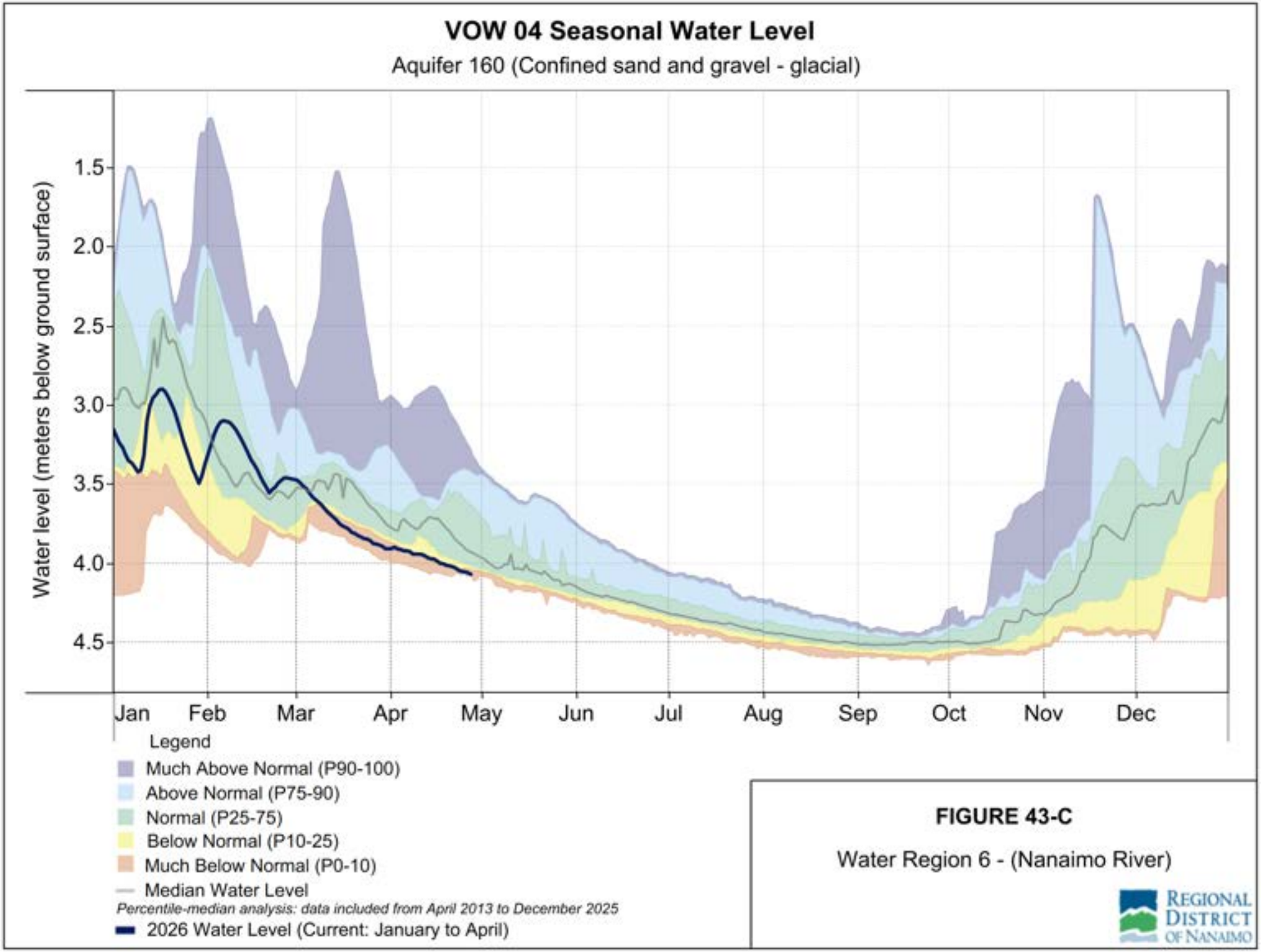


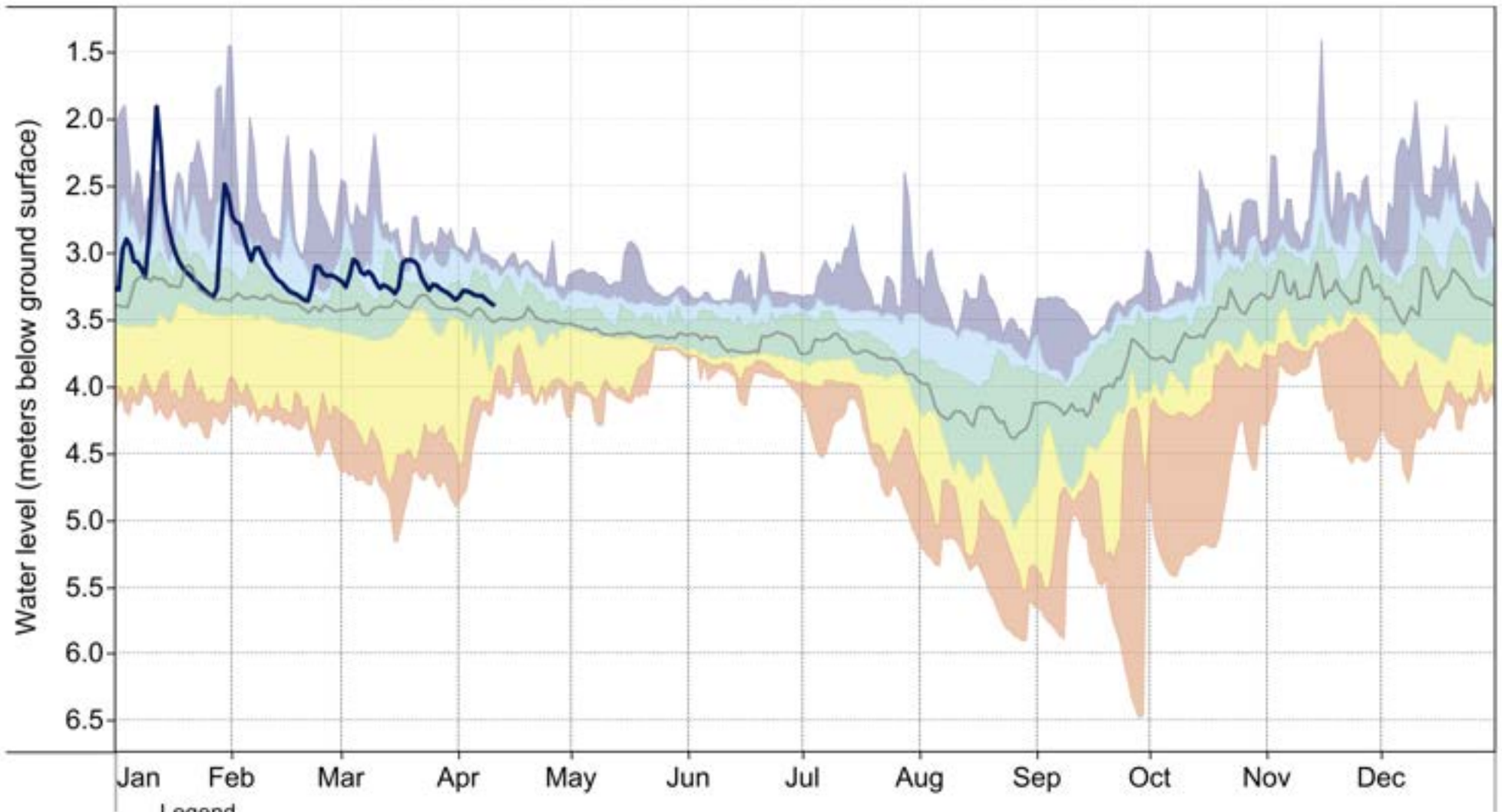
FIGURE 43-C

Water Region 6 - (Nanaimo River)

REGIONAL DISTRICT OF NANAIMO

OW 312 Seasonal Water Level

Aquifer 161 (Unconfined sand and gravel aquifer - along streams)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to April)

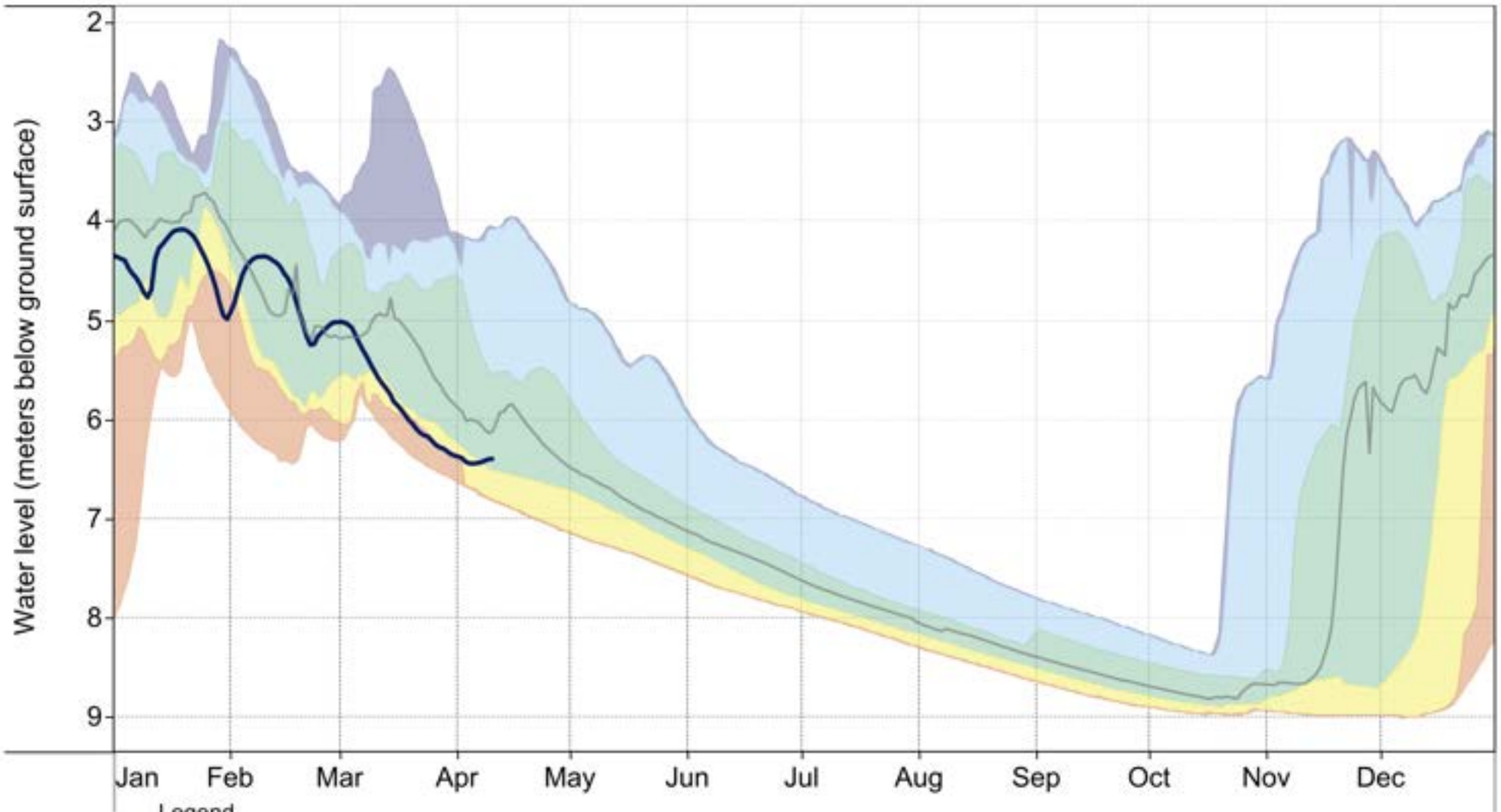
FIGURE 44-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 437 Seasonal Water Level

Aquifer 161 (Unconfined sand and gravel aquifer - along streams)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from December 2015 to December 2025

- 2026 Water Level (Current: January to April)

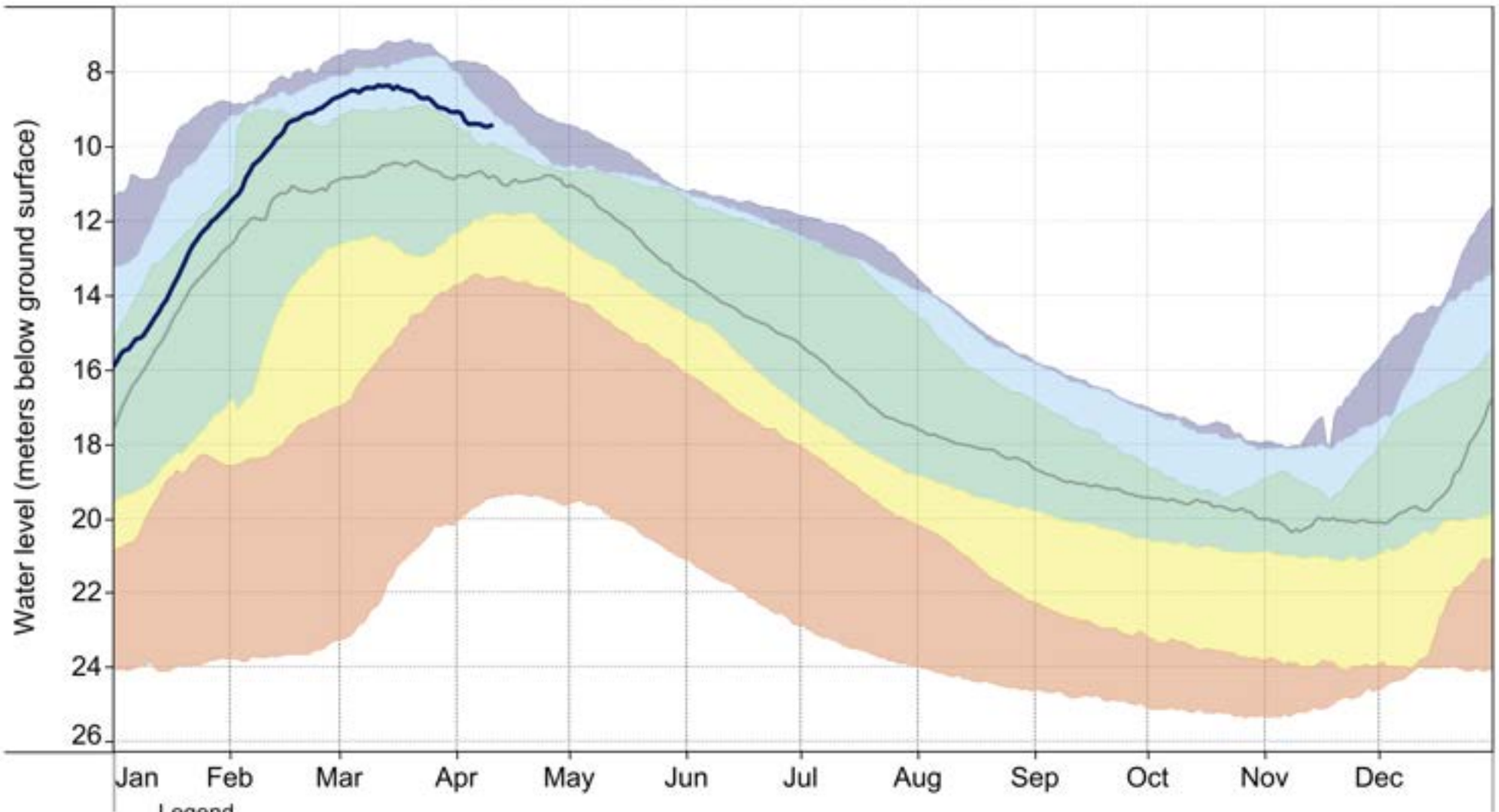
FIGURE 45-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 337 Seasonal Water Level

Aquifer 162 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to April)

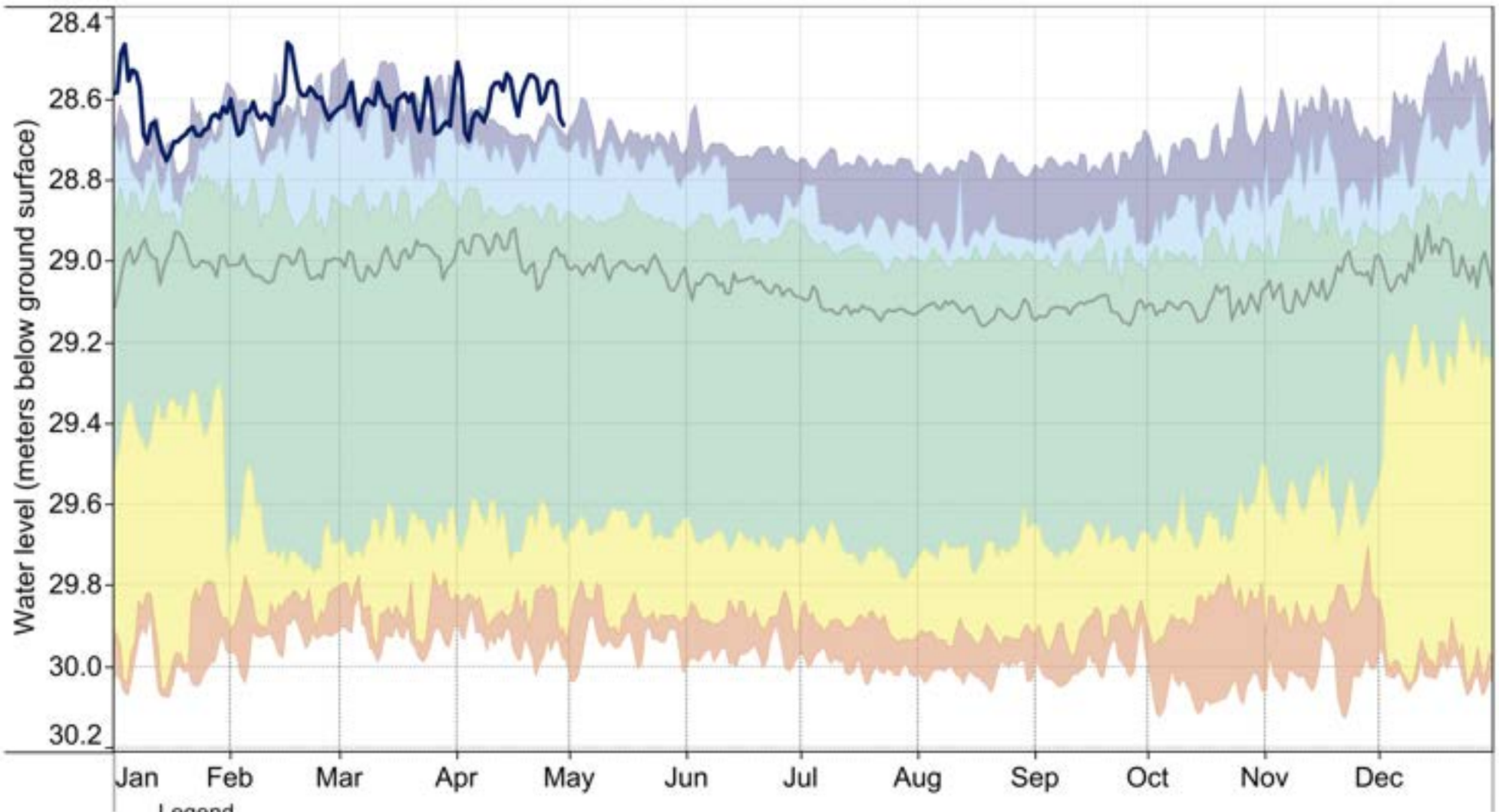
FIGURE 46-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 390 Seasonal Water Level

Aquifer 162 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to May)

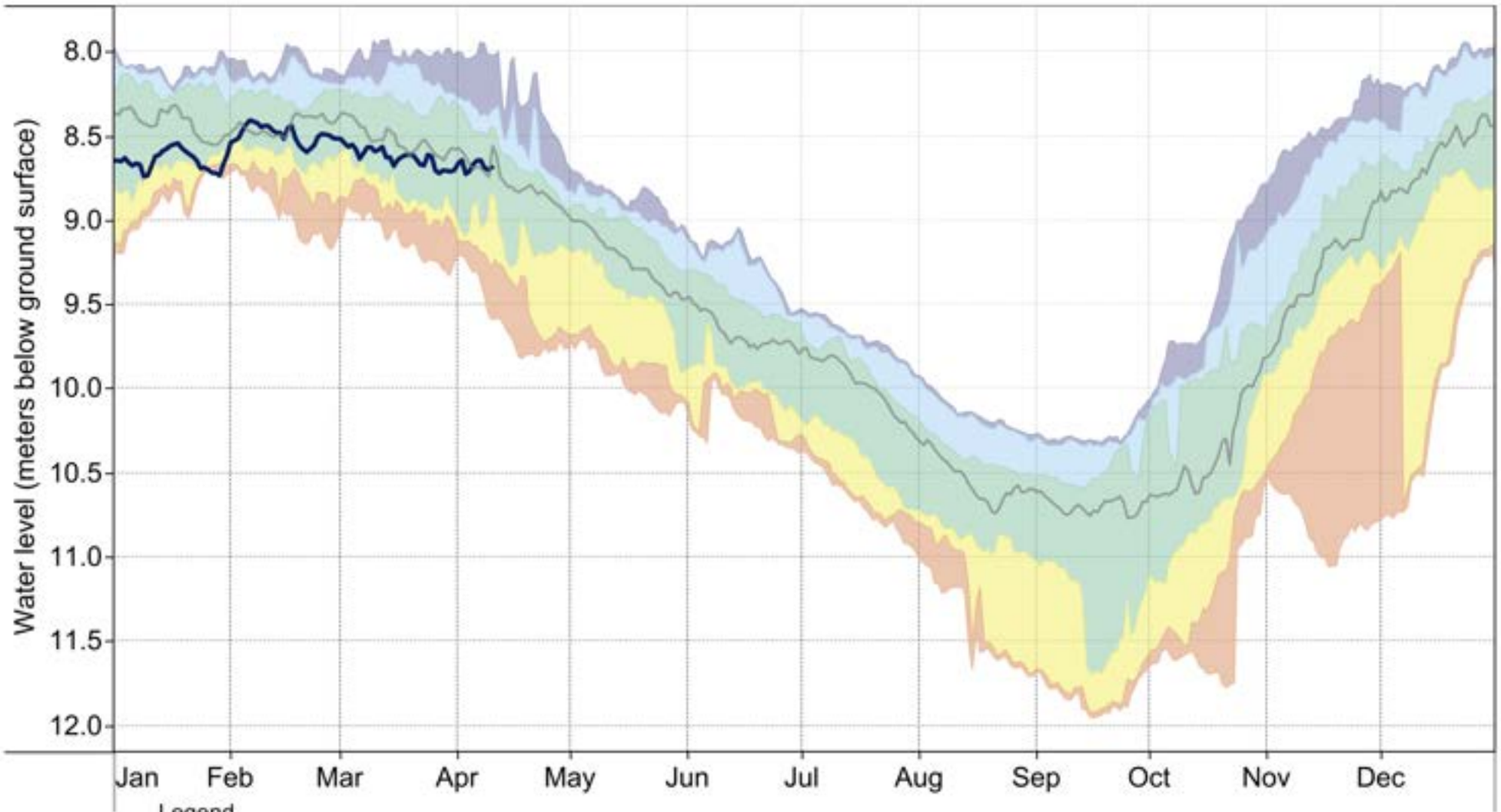
FIGURE 47-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

OW 432 Seasonal Water Level

Aquifer 162 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2013 to December 2025

- 2026 Water Level (Current: January to April)

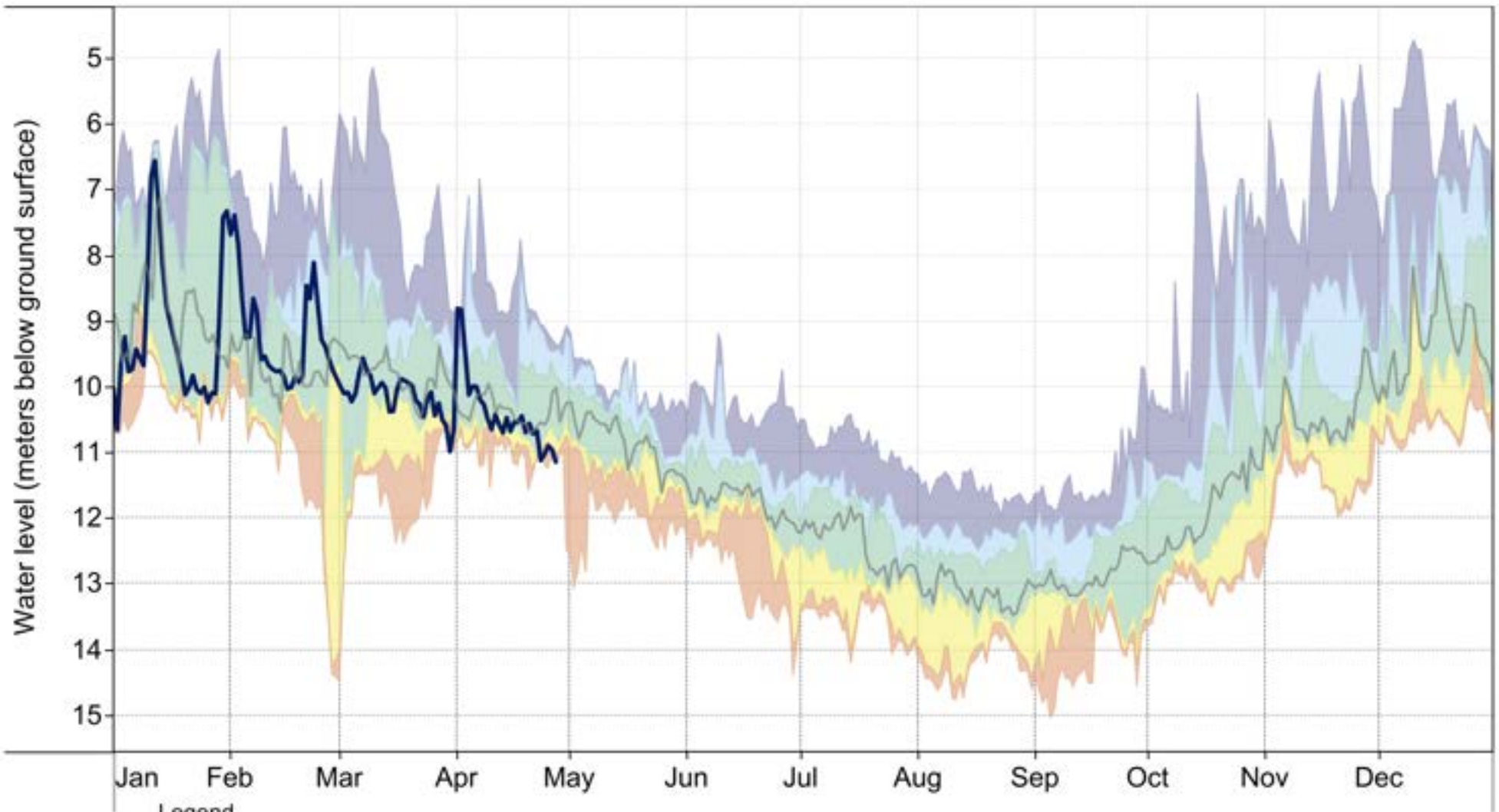
FIGURE 48-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

VOW 06 Seasonal Water Level

Aquifer 162 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from April 2013 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 49-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

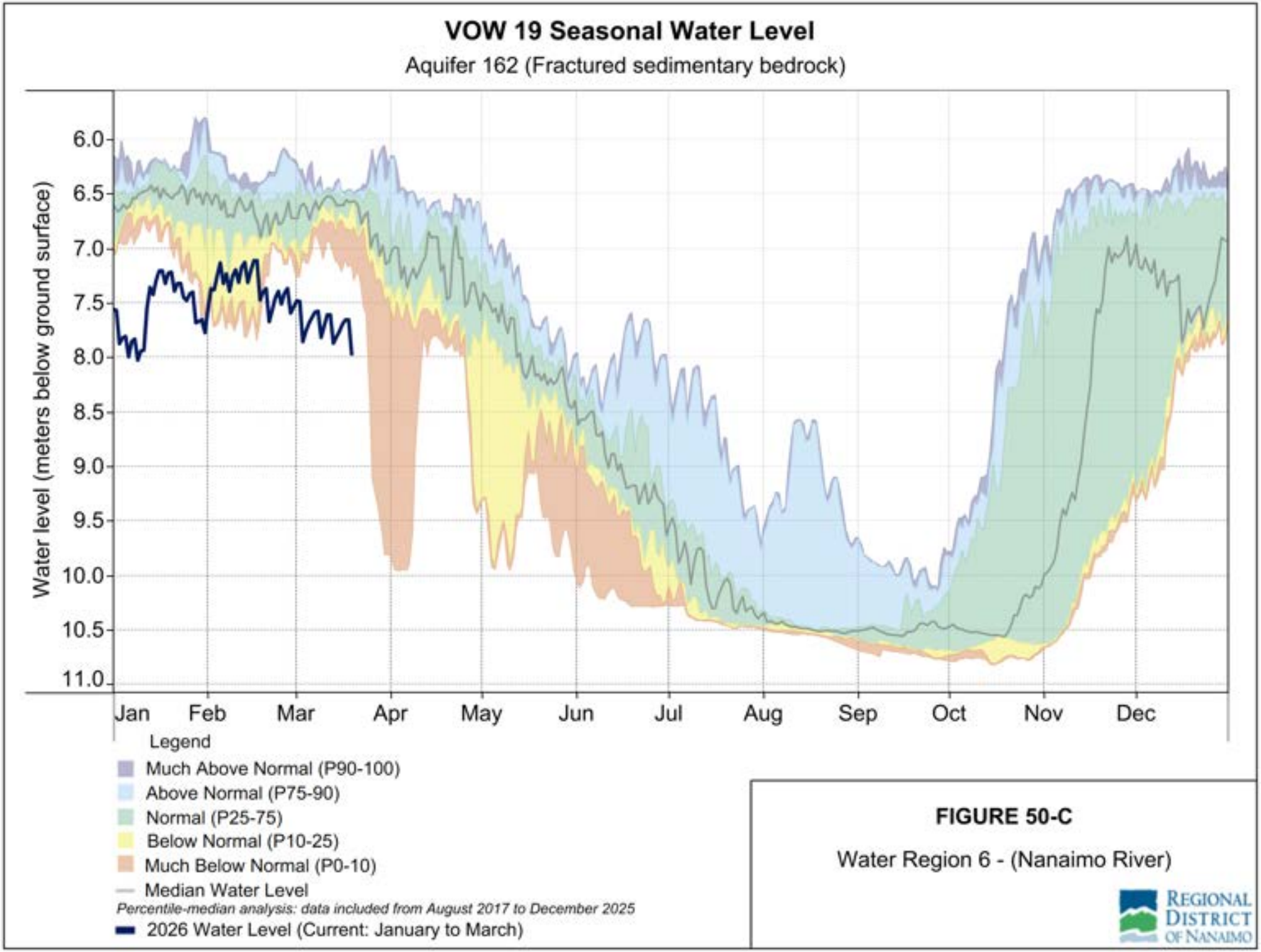


FIGURE 50-C

Water Region 6 - (Nanaimo River)

REGIONAL DISTRICT OF NANAIMO

VOW 21 Seasonal Water Level

Aquifer 162 (Fractured sedimentary bedrock)

Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

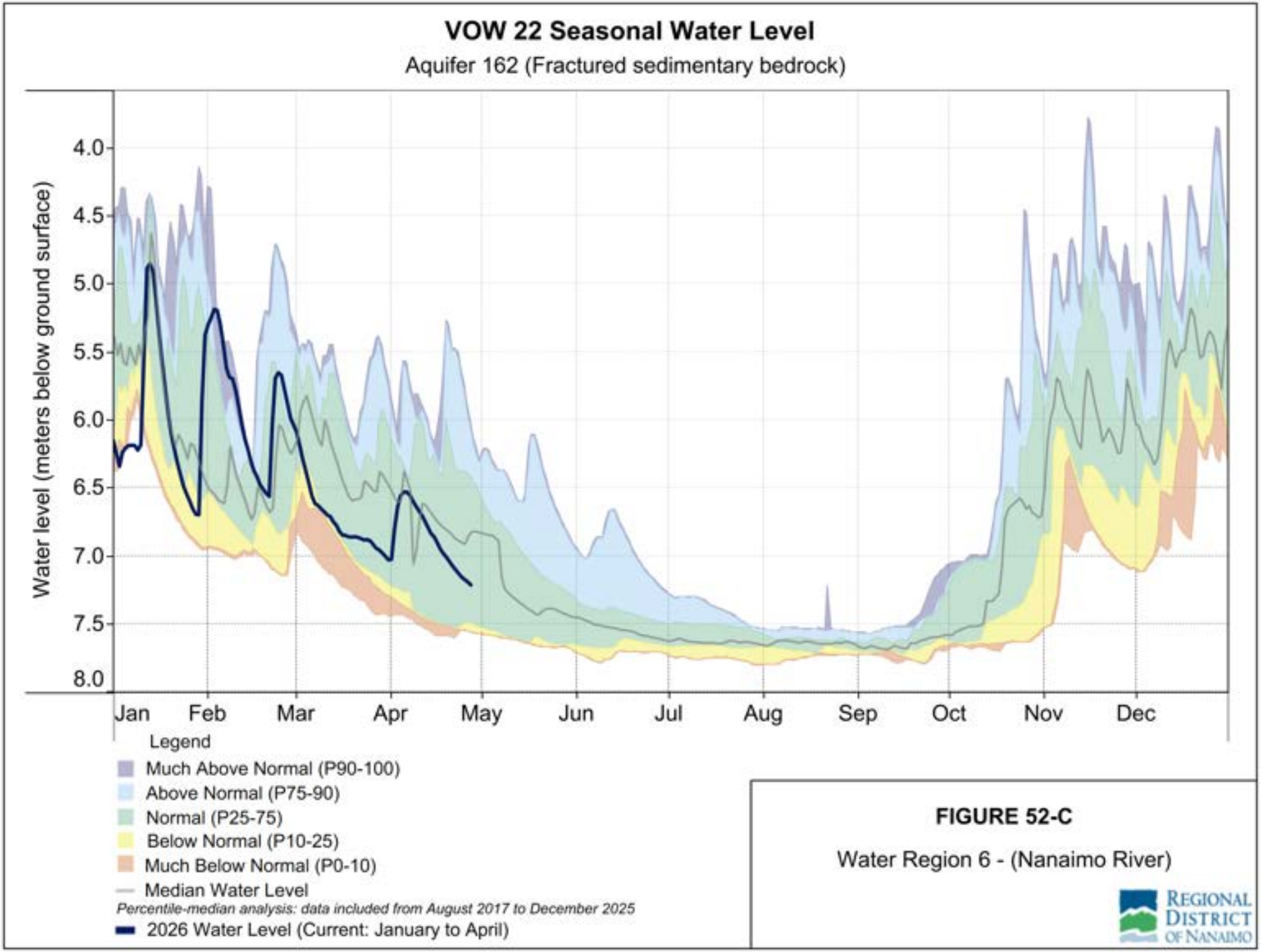
Percentile-median analysis: data included from August 2017 to December 2025

- 2026 Water Level (Current: January to April)

FIGURE 51-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo


VOW 22 Seasonal Water Level
Aquifer 162 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from August 2017 to December 2025
2026 Water Level (Current: January to April)
FIGURE 52-C
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo

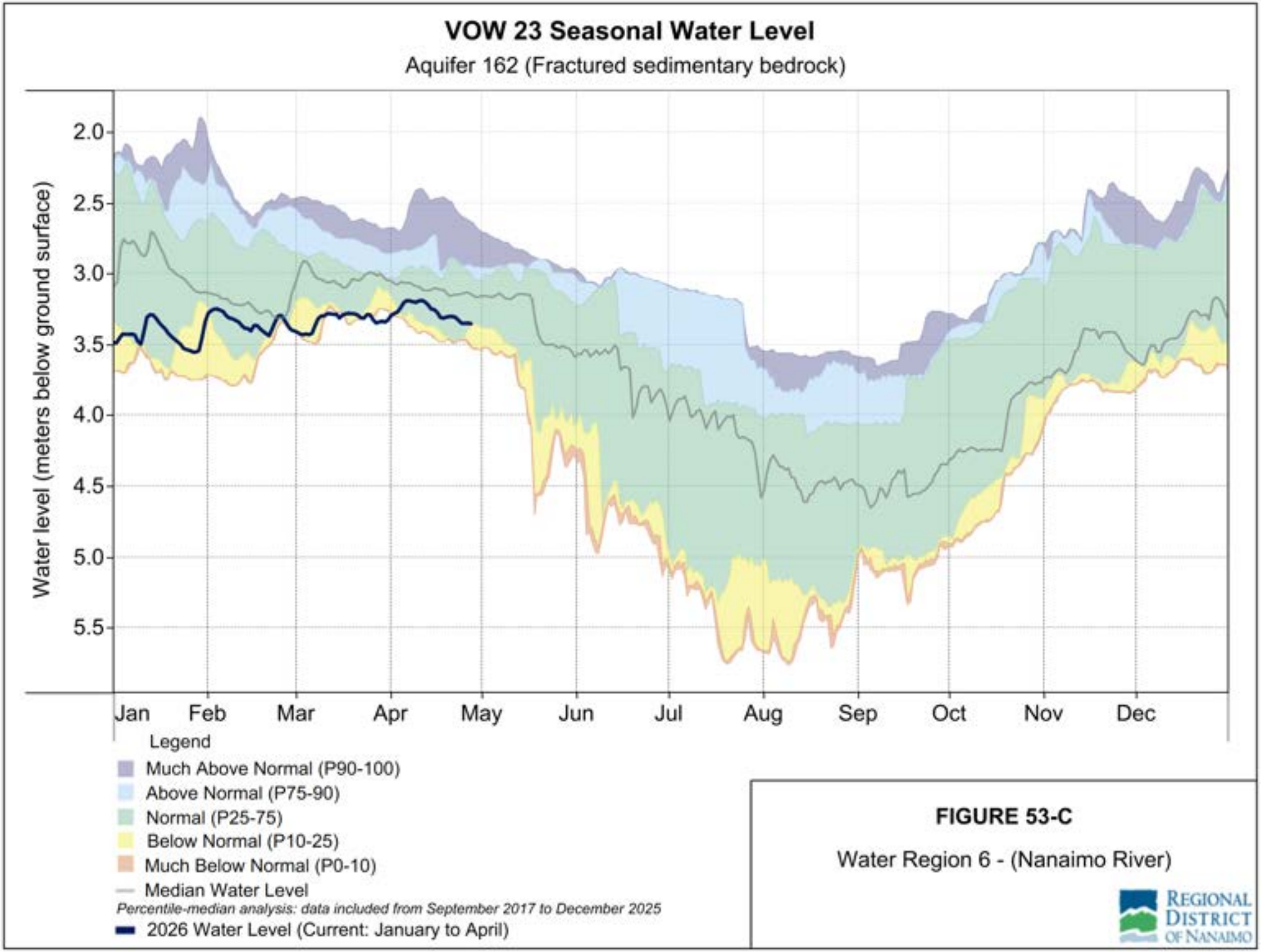
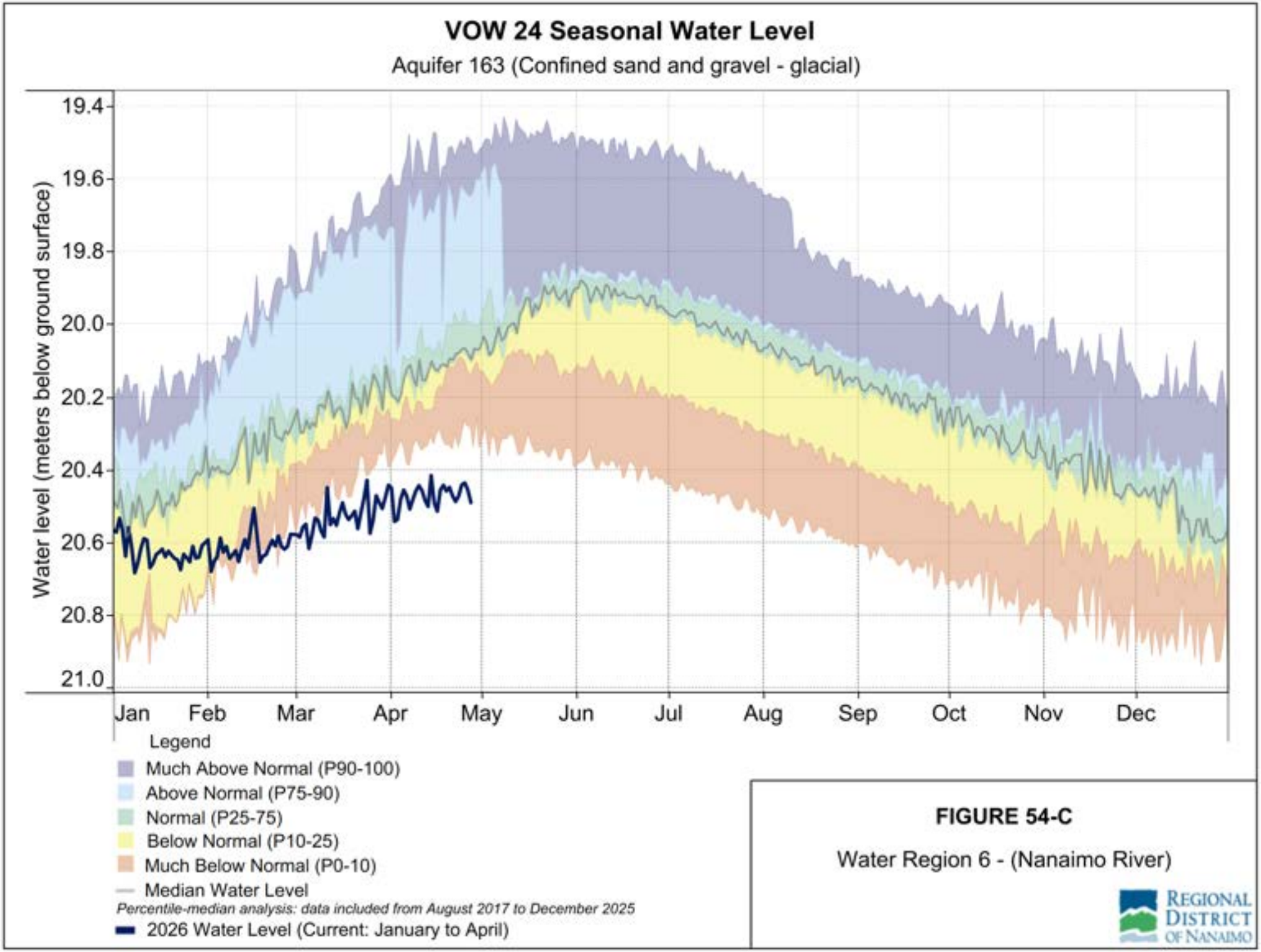


FIGURE 53-C

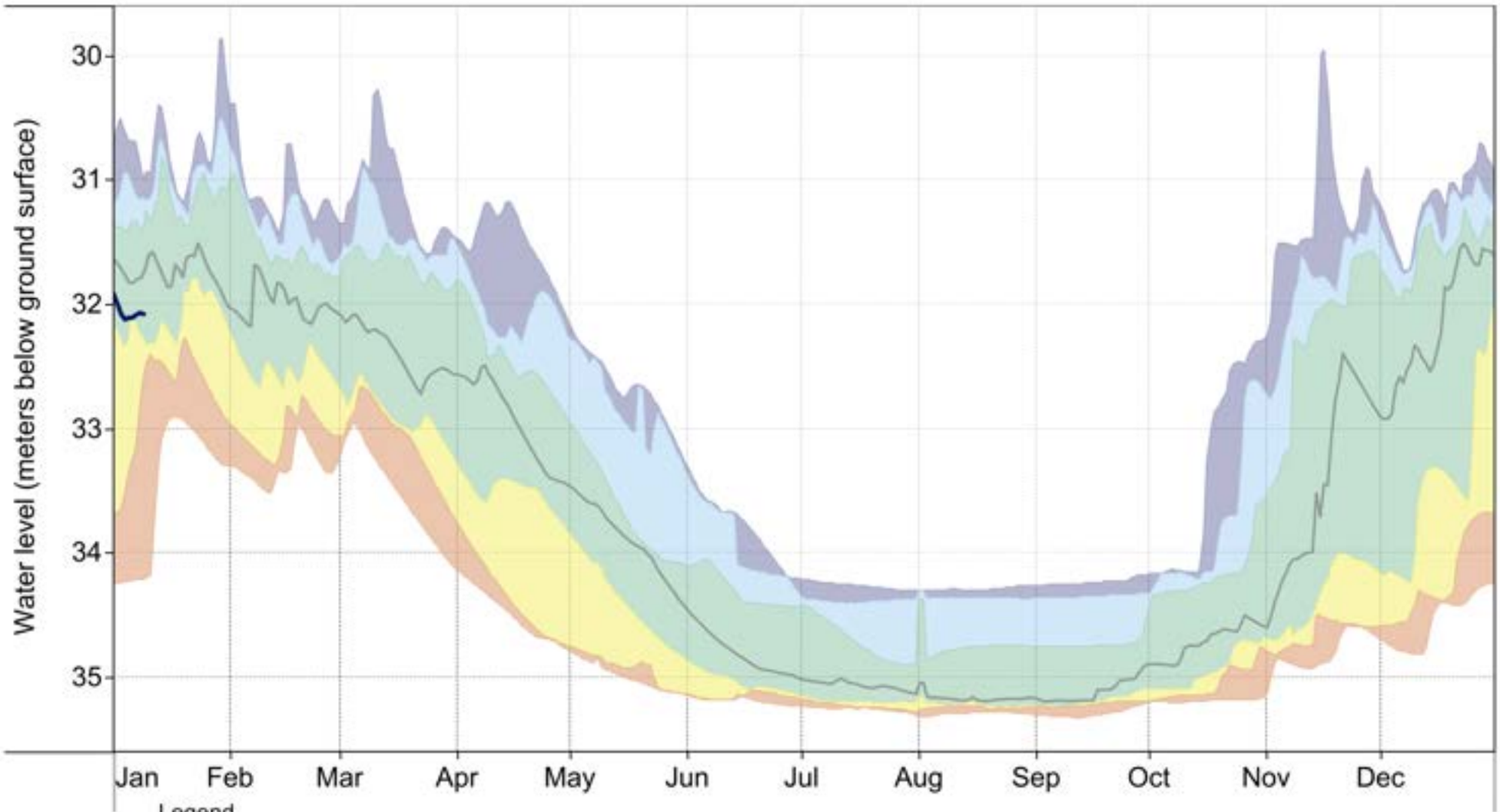
Water Region 6 - (Nanaimo River)

REGIONAL DISTRICT OF NANAIMO


VOW 24 Seasonal Water Level
Aquifer 163 (Confined sand and gravel - glacial)
Water level (meters below ground surface)
19.4
19.6
19.8
20.0
20.2
20.4
20.6
20.8
21.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from August 2017 to December 2025
2026 Water Level (Current: January to April)
FIGURE 54-C
Water Region 6 - (Nanaimo River)
Regional District of Nanaimo

OW 435 Seasonal Water Level

Aquifer 165 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

Percentile-median analysis: data included from September 2013 to December 2025

- 2026 Water Level (Current: January)

FIGURE 55-C

Water Region 6 - (Nanaimo River)

Regional District of Nanaimo

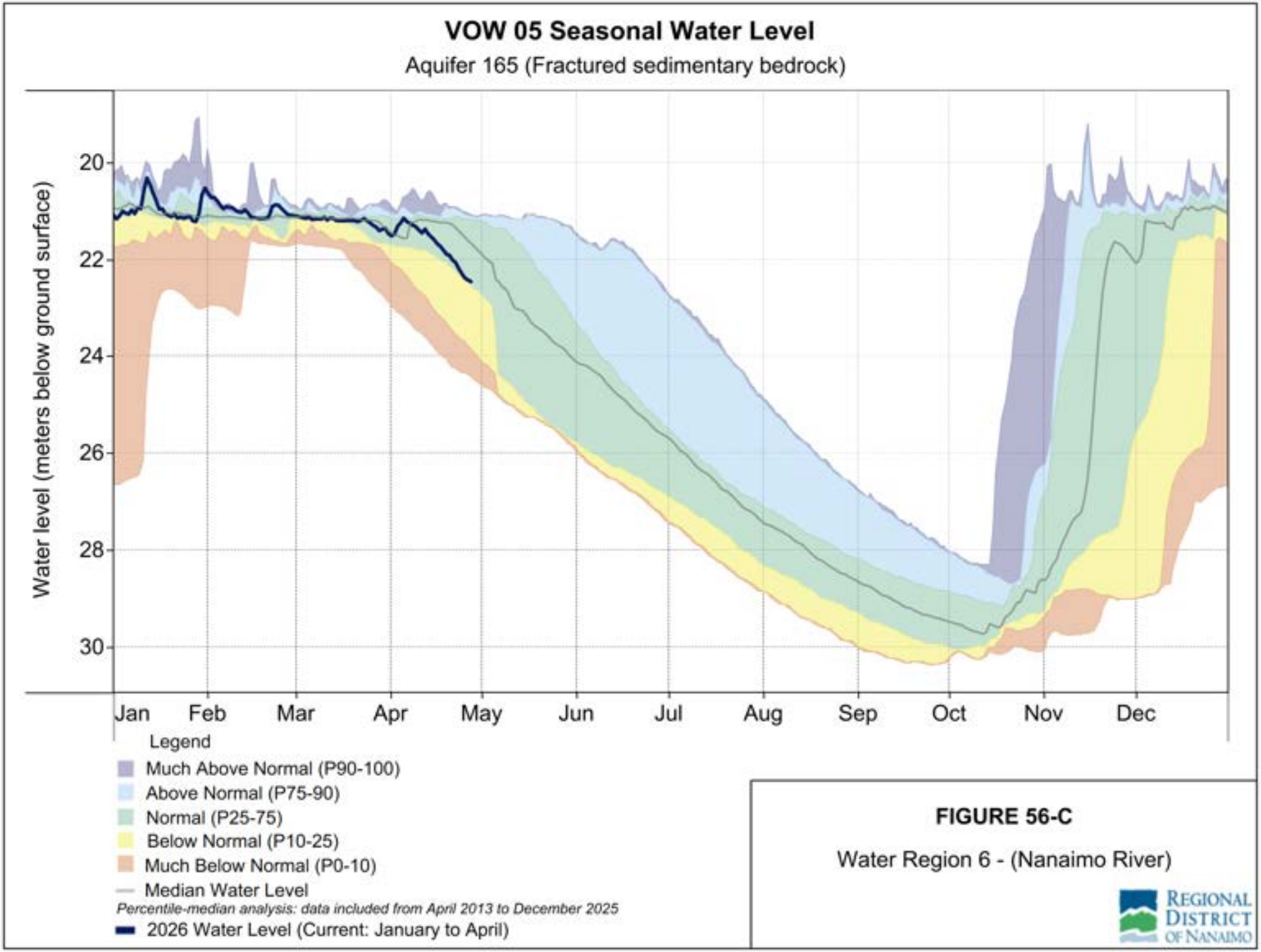


FIGURE 56-C

Water Region 6 - (Nanaimo River)

REGIONAL DISTRICT OF NANAIMO

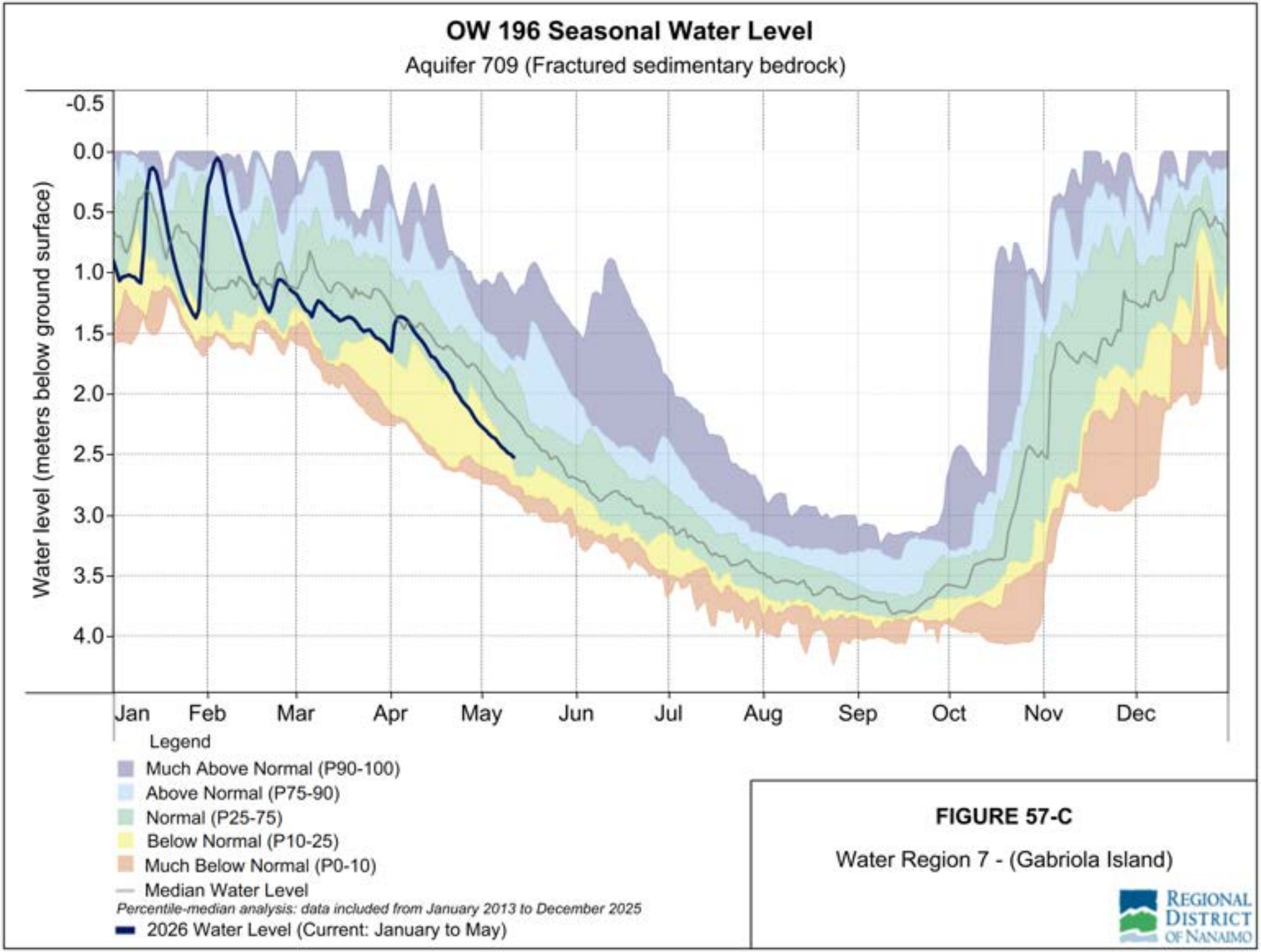
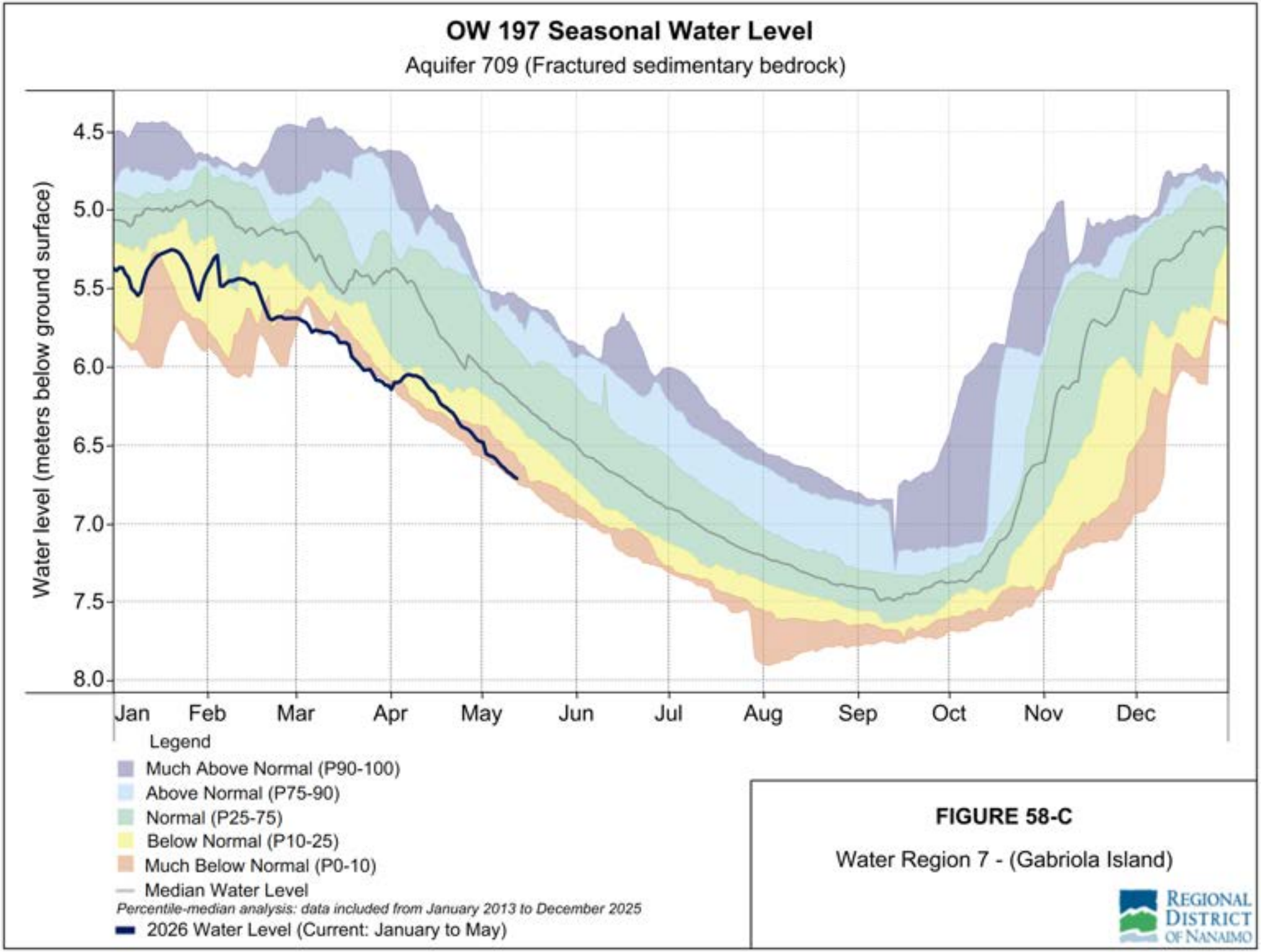


FIGURE 57-C

Water Region 7 - (Gabriola Island)

REGIONAL DISTRICT OF NANAIMO


OW 197 Seasonal Water Level
Aquifer 709 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from January 2013 to December 2025
2026 Water Level (Current: January to May)
FIGURE 58-C
Water Region 7 - (Gabriola Island)
Regional District of Nanaimo

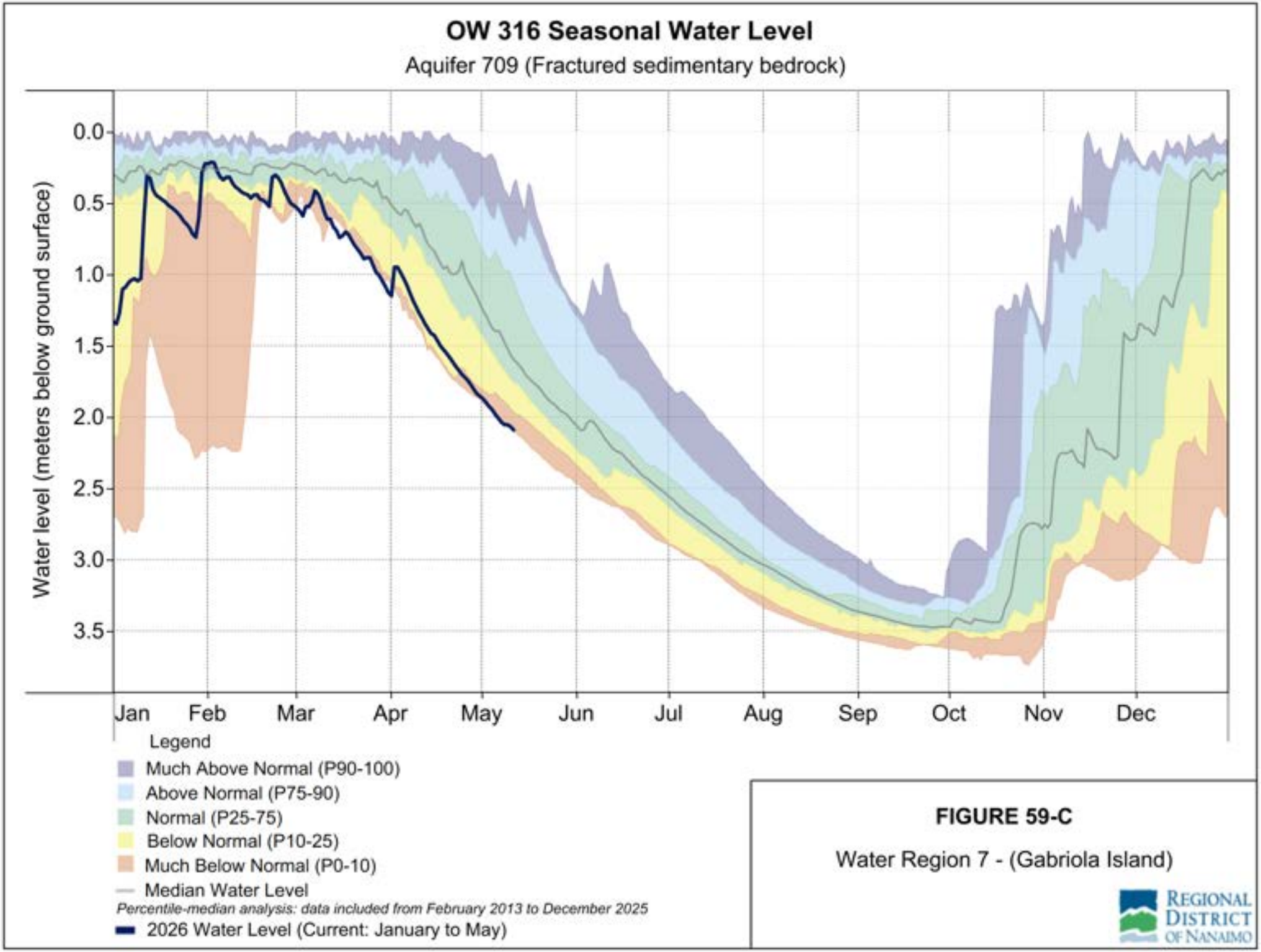


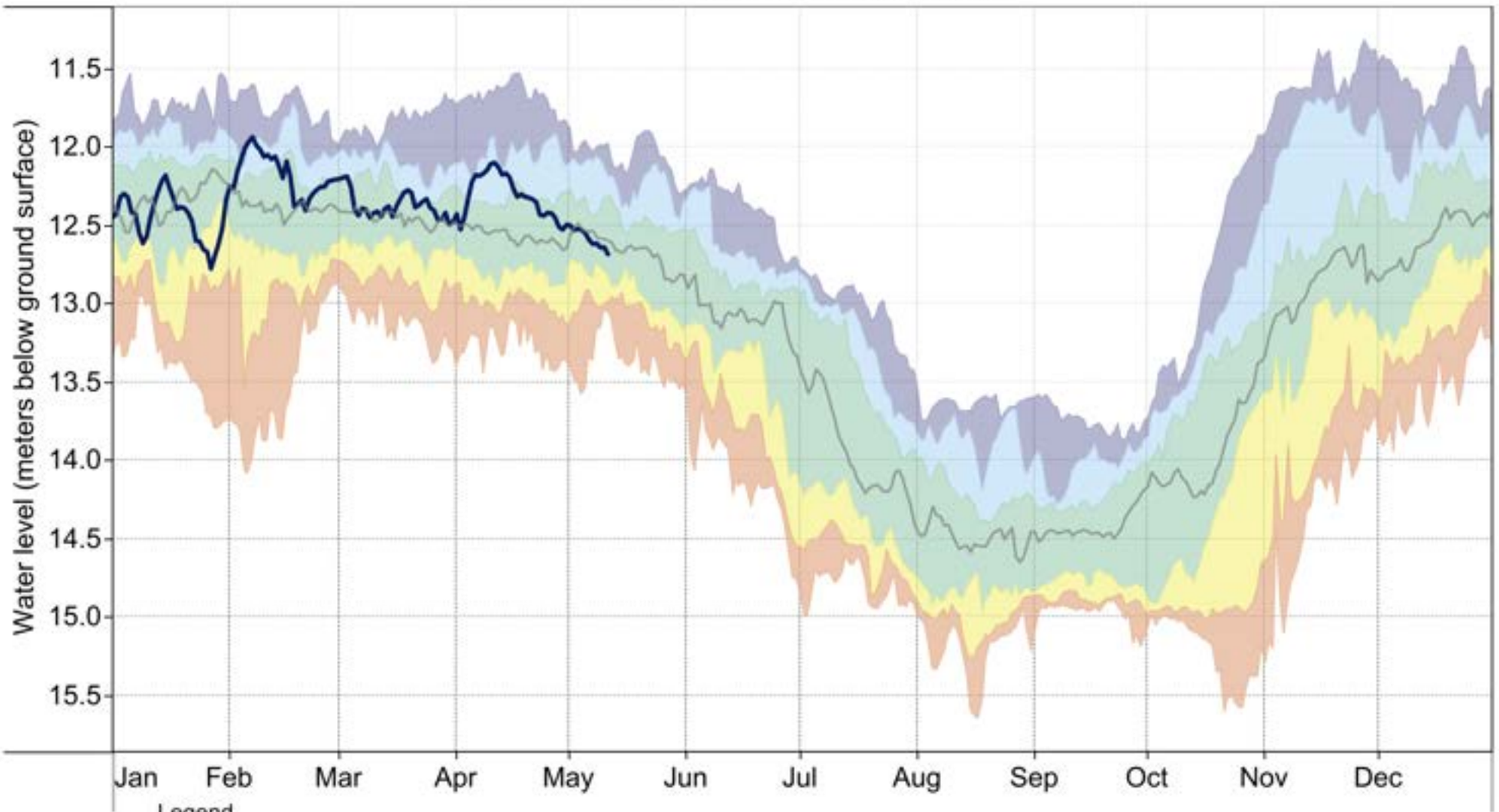
FIGURE 59-C

Water Region 7 - (Gabriola Island)

REGIONAL DISTRICT OF NANAIMO

OW 385 Seasonal Water Level

Aquifer 709 (Fractured sedimentary bedrock)



Legend

- Much Above Normal (P90-100)
- Above Normal (P75-90)
- Normal (P25-75)
- Below Normal (P10-25)
- Much Below Normal (P0-10)
- Median Water Level

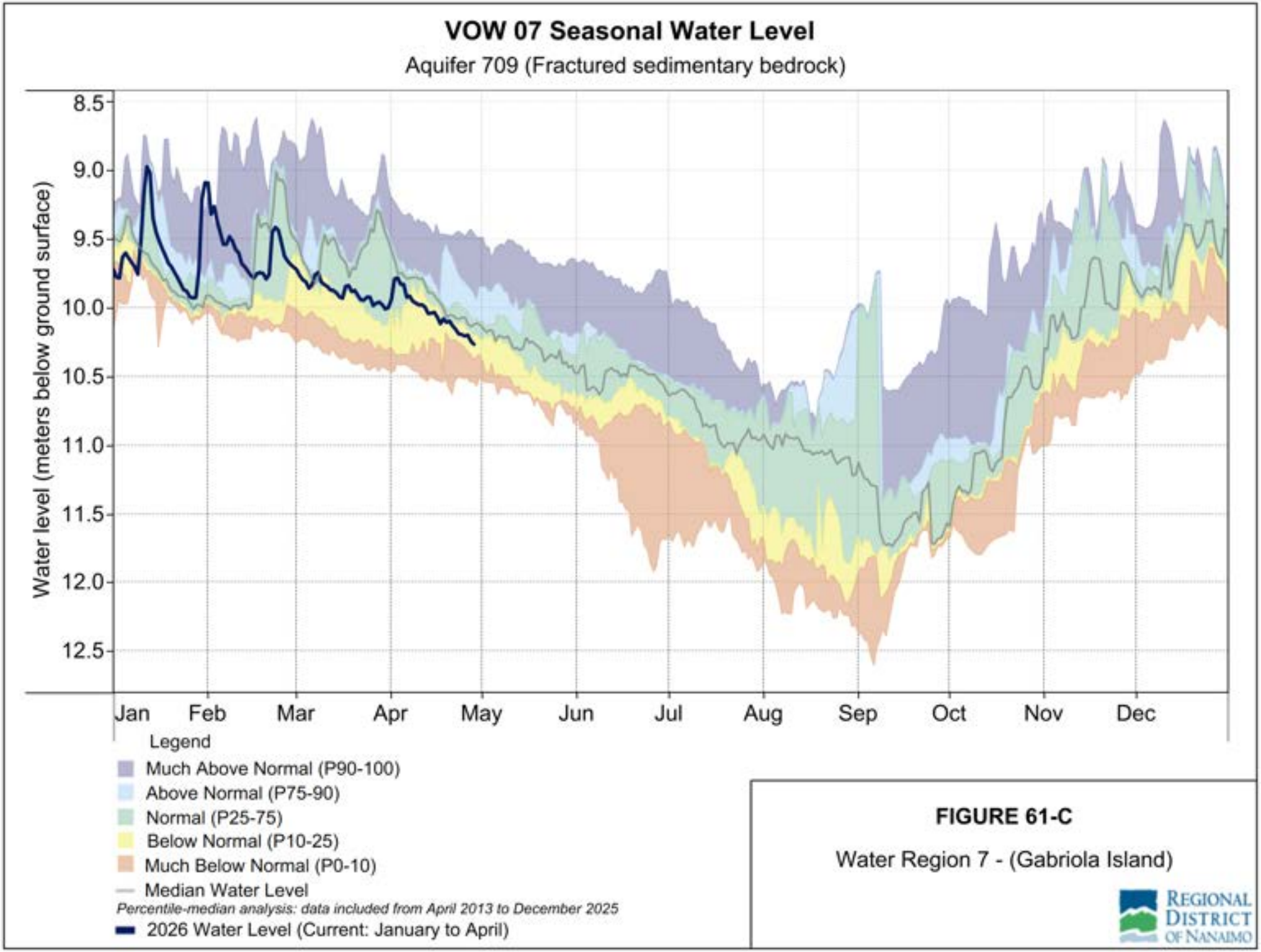
Percentile-median analysis: data included from January 2013 to December 2025

- 2026 Water Level (Current: January to May)

FIGURE 60-C

Water Region 7 - (Gabriola Island)

Regional District of Nanaimo


VOW 07 Seasonal Water Level
Aquifer 709 (Fractured sedimentary bedrock)
Water level (meters below ground surface)
8.5
9.0
9.5
10.0
10.5
11.0
11.5
12.0
12.5
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Legend
Much Above Normal (P90-100)
Above Normal (P75-90)
Normal (P25-75)
Below Normal (P10-25)
Much Below Normal (P0-10)
Median Water Level
Percentile-median analysis: data included from April 2013 to December 2025
2026 Water Level (Current: January to April)
FIGURE 61-C
Water Region 7 - (Gabriola Island)
Regional District of Nanaimo

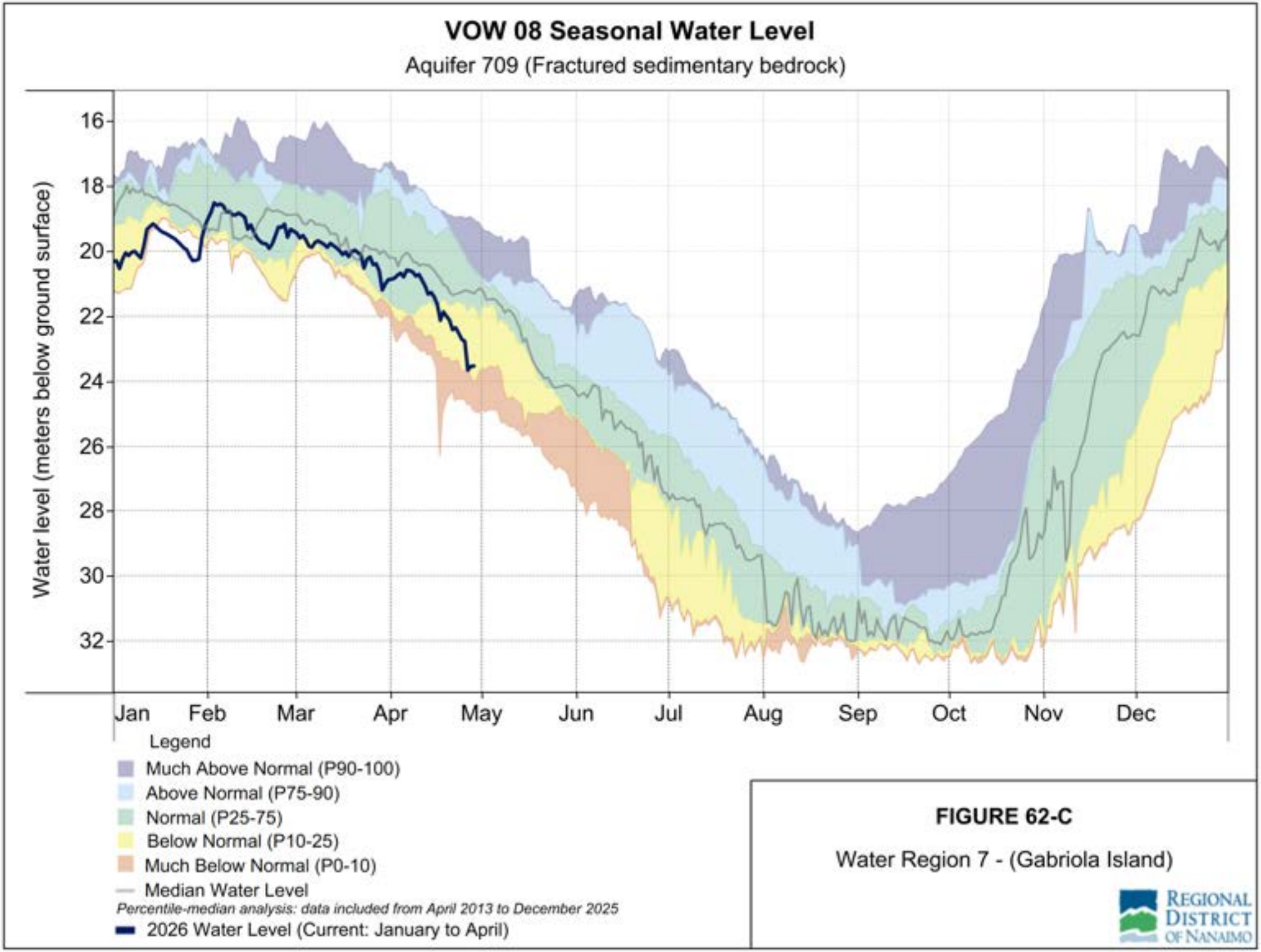


FIGURE 62-C

Water Region 7 - (Gabriola Island)

REGIONAL DISTRICT OF NANAIMO