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# **New Partitioning Options with the Oracle 11g Database**

presentation for:



**Northwest Oracle Users Group  
Fall 2008 Conference**

Daniel A. Morgan



# Who am I?

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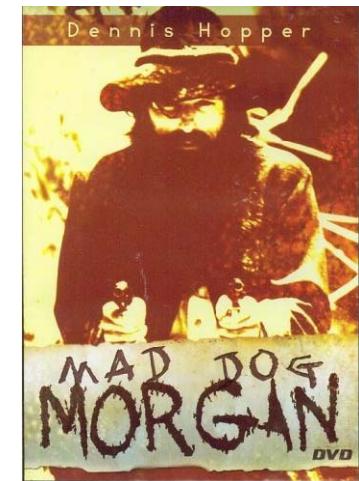
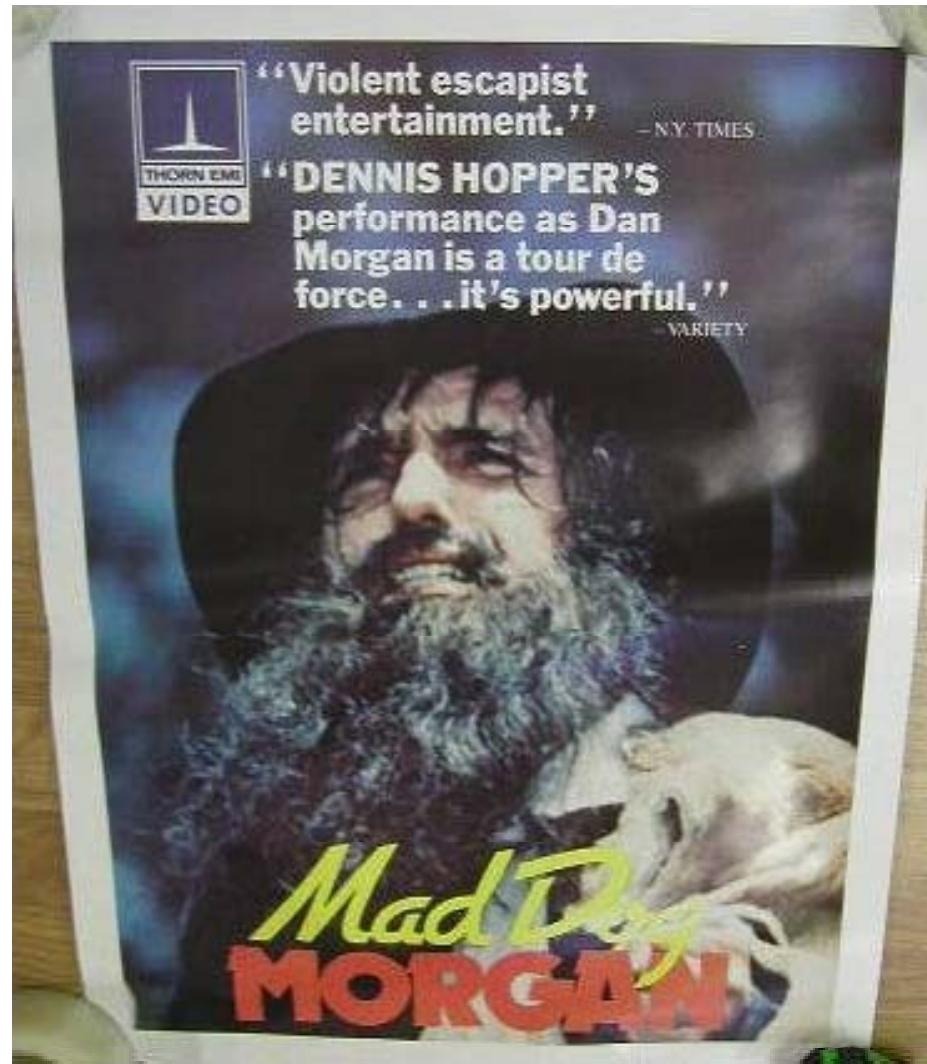
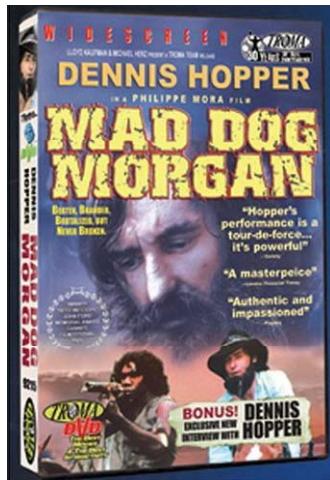
- Daniel Morgan – [damorgan@u.washington.edu](mailto:damorgan@u.washington.edu)
- Oracle Ace Director 
- University of Washington
  - Wrote UW Oracle curricula
  - Primary program instructor - 8 years
- The Morgan behind [Morgan's Library](http://www.psoug.org/library.html) on the web
  - [www.psoug.org/library.html](http://www.psoug.org/library.html)
- Education Chair: PSOUG 
- Member: UKOUG 
- Frequent speaker – OOW and user group events
- Beta tester: 10g, 11g, and TimesTen
- Oracle since version 6

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# Who I really am

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# Who I really am

**"AUSTRALIA'S MOVIE-MAKING BREAKTHROUGH" -- THE ENTERTAINER**

LLOYD KAUFMAN & MICHAEL HERZ PRESENT A TROMA TEAM RELEASE

**DENNIS HOPPER  
MAD DOG MORGAN**

**A BITCH OF AN ACTION FILM!**

"An excellent early example of the Australian revival, this is a pacy, violent bushranger saga..." -- Time Out Film Guide

Dennis Hopper ("Blue Velvet," "Easy Rider") plays Dan Morgan, the infamous real-life 1800's outlaw. Morgan is an Irish immigrant working as a gold digger in the treacherous Australian brush. When his comrades reject him, Morgan resorts to stealing horses and is caught and sentenced to jail. After years of abuse and brutality he is released and falls back into his bandit ways. Soon Morgan is wanted at any price, dead or alive, setting the backdrop for this intense and riveting thriller!

"Mad Dog Morgan" was a 1977 theatrical hit world-wide and was nominated by the Australian Film Institute Award **BEST DIRECTOR** (Philippe Mora) and **BEST ACTOR IN A SUPPORTING ROLE** (Bill Hunter).

LLOYD KAUFMAN & MICHAEL HERZ PRESENT A TROMA TEAM RELEASE OF A PHILIPPE MORA FILM  
"MAD DOG MORGAN" STARRING DENNIS HOPPER, JACK THOMPSON, DAVID GULPILLI, FRANK TIRING  
DIRECTOR OF PHOTOGRAPHY MIKE HOLLOWAY, BASED ON THE BOOK "MORGAN" BY MARGARET CARNEGIE  
SCREENPLAY BY PHILIPPE MORA  
PRODUCED BY JEREMY THOMAS DIRECTED BY PHILIPPE MORA

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**DENNIS HOPPER**  
**MAD DOG MORGAN**  
**9215**

**FIERCE DVD EXTRAS!**

- Informative and inspiring introduction by Lloyd Kaufman, President of Troma Entertainment and creator of The Toxic Avenger!
- Fascinating interview with Philippe Mora, director of "Mad Dog Morgan!"
- xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- The Make Your Own Damn Movie Box Set-- film school in a box!
- Original theatrical trailers
- "Radiation March" and more!!!

**LLOYD KAUFMAN AND MICHAEL HERZ  
PRESENT  
A TROMA TEAM RELEASE**

**DENNIS HOPPER**  
**IS MAD DOG MORGAN**

**BEATEN, BRANDED, BRUTALIZED, BUT NEVER BROKEN.**

A PHILIPPE MORA FILM

**WIDESCREEN**

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# November: Mogens Nørgaard

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**Training  
Dinner  
Beer  
Tasting**

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# November: Mogens Nørgaard

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**Training  
Dinner  
Beer  
Tasting**

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# What is new with PSOUG

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- New location
  - Bellevue, WA
- New classes including
  - 11g Data Guard
  - 11g RAC and ASM
  - e-Business Suite 11.5.10 -> Release 12
  - Developer Bootcamp
  - DBA Bootcamp
  - Audit Vault

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# Website Stats

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| Countries |                    |    |        |        |            |
|-----------|--------------------|----|--------|--------|------------|
|           | Countries          |    | Pages  | Hits   | Bandwidth  |
| 🇺🇸        | United States      | us | 396312 | 684852 | 18.59 GB   |
| 🇮🇳        | India              | in | 96897  | 168706 | 4.65 GB    |
| 🇬🇧        | Great Britain      | gb | 53627  | 88558  | 2.49 GB    |
| 🇩🇪        | Germany            | de | 39012  | 70659  | 2.09 GB    |
| 🇨🇦        | Canada             | ca | 32183  | 58344  | 1.46 GB    |
| 🇫🇷        | France             | fr | 30993  | 53290  | 1.53 GB    |
| 🇮🇹        | Italy              | it | 25045  | 45052  | 1.25 GB    |
| 🇪🇸        | Spain              | es | 24944  | 42091  | 1.20 GB    |
| 🇧🇷        | Brazil             | br | 23580  | 47045  | 1.31 GB    |
| 🇦🇺        | Australia          | au | 21577  | 36875  | 998.21 MB  |
| 🇵🇱        | Poland             | pl | 18950  | 33032  | 1016.91 MB |
| 🇳🇱        | Netherlands        | nl | 13620  | 25534  | 689.26 MB  |
| 🇨🇭        | Switzerland        | ch | 13145  | 24019  | 675.81 MB  |
| 🇨🇳        | China              | cn | 13112  | 22787  | 768.60 MB  |
| 🇲🇽        | Mexico             | mx | 10026  | 18581  | 519.59 MB  |
| 🇷🇺        | Russian Federation | ru | 8962   | 17278  | 513.61 MB  |
| 🇨🇿        | Czech Republic     | cz | 8928   | 17428  | 466.28 MB  |
| 🇵🇹        | Portugal           | pt | 8517   | 12919  | 349.08 MB  |
| 🇸🇬        | Singapore          | sg | 8223   | 13007  | 360.88 MB  |
| 🇭🇺        | Hungary            | hu | 7647   | 13249  | 405.34 MB  |
| 🇧🇪        | Belgium            | be | 7615   | 13030  | 364.80 MB  |
| 🇭🇰        | Hong Kong          | hk | 7203   | 13375  | 357.07 MB  |
| 🇹🇷        | Turkey             | tr | 6882   | 14039  | 365.12 MB  |
| 🇸🇪        | Sweden             | se | 6763   | 12091  | 322.99 MB  |
| 🇮🇩        | Indonesia          | id | 5640   | 9418   | 343.12 MB  |
| 🇦🇷        | Argentina          | ar | 5612   | 10436  | 298.55 MB  |
| 🇦🇹        | Austria            | at | 5415   | 10493  | 266.72 MB  |
| 🇲🇾        | Malaysia           | my | 5034   | 9183   | 266.03 MB  |
| 🇫🇮        | Finland            | fi | 4770   | 8159   | 205.20 MB  |

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# PSOUG Lab



PSOUG's Pillar Data Systems Axiom 500 SAN  
7 TB of disk allows members the abilities to work  
with a production fibre-channel environment when  
learning RAC, or ASM, or other technologies and  
contains enough room for a full-size Apps install



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# PSOUG Lab

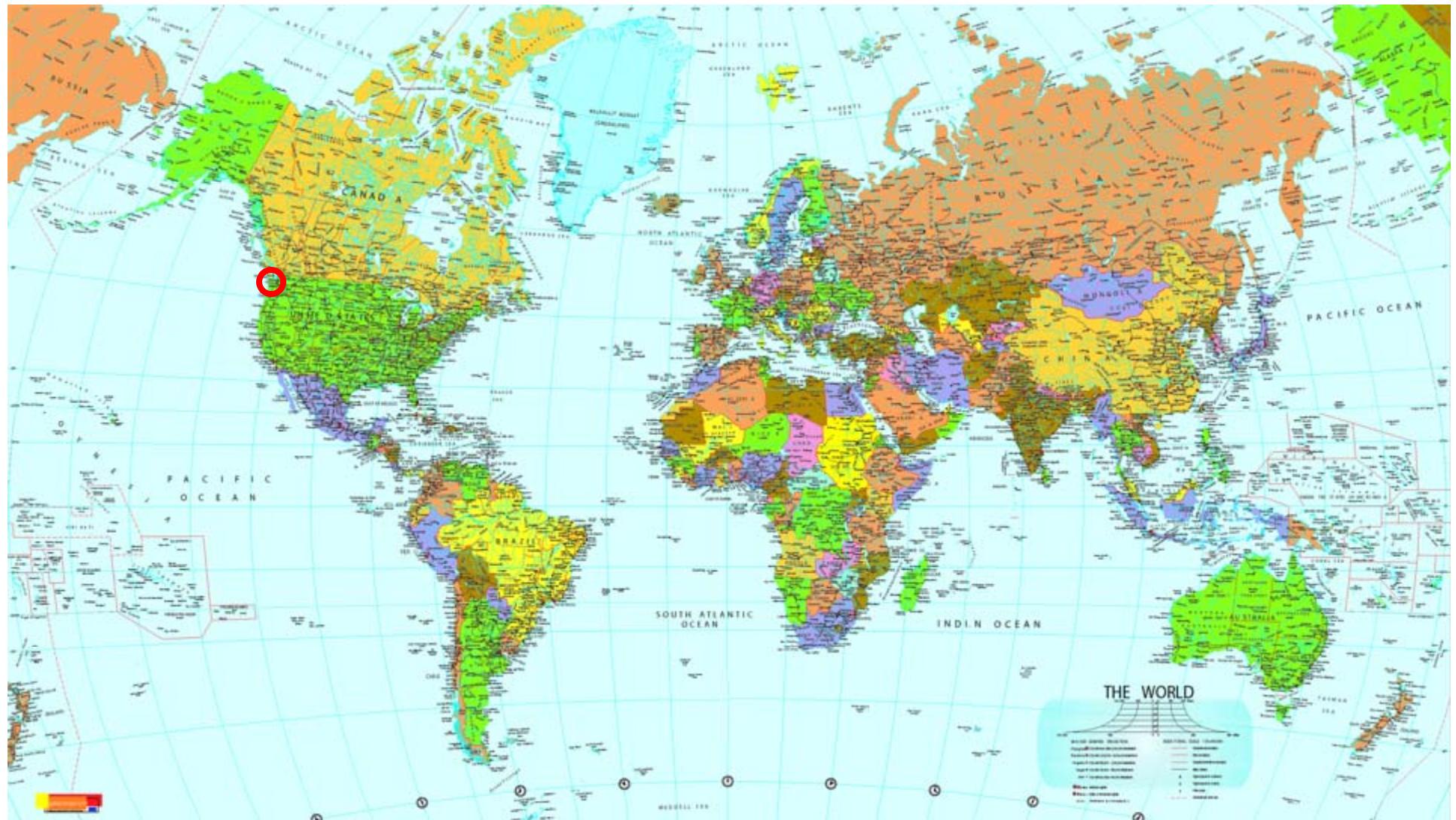
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# What is a Puget Sound



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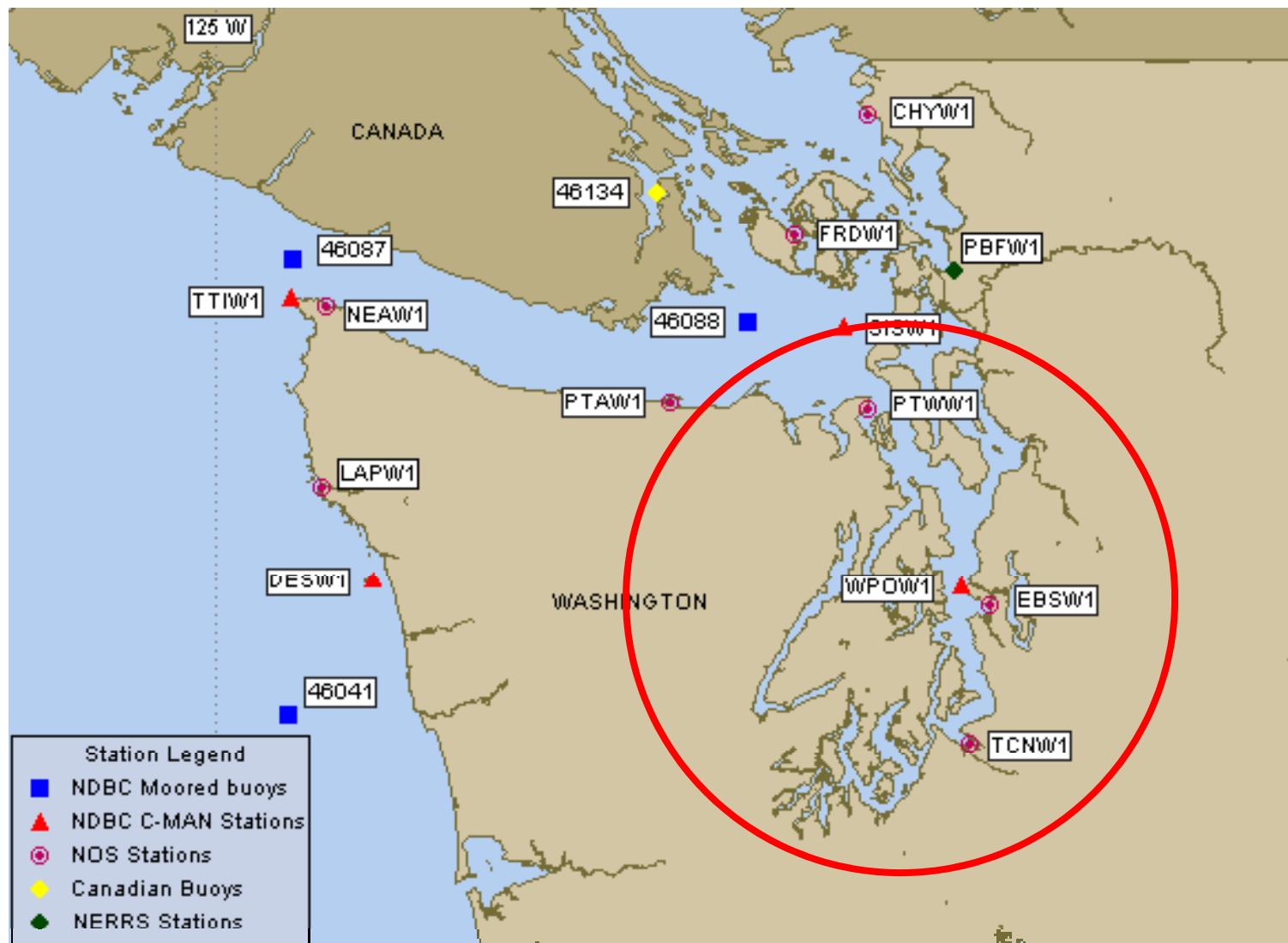
# What is a Puget Sound



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# What is a Puget Sound



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# What a surprise!

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## Microsoft Excel fails math test

Employee blogger wrote that some multiplication results incorrect

**AP Associated Press**  
Updated: 10:29 a.m. PT Sept 28, 2007

SEATTLE - Microsoft Corp.'s Excel 2007 spreadsheet program is going to have to relearn part of its multiplication table.

In a [blog](#) post, Microsoft employee David Gainer said that when computer users tried to get Excel 2007 to multiply some pairs of numbers and the result was 65,535, Excel would incorrectly display 100,000 as the answer.

Gainer said Excel makes mistakes multiplying 77.1 by 850, 10.2 by 6,425 and 20.4 by 3,212.5, but the program appears to be able to handle 16,383.75 times 4.

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# New Partitioning Options

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- INTERVAL PARTITIONING
  - Bug Report
- REFERENTIAL PARTITIONING
- PARTITION BY SYSTEM
- PARTITION BY VIRTUAL COLUMN
  - first virtual columns
  - then partitioning
- RANGE - LIST composite
- RANGE - RANGE composite
- LIST - LIST composite
- Compressed Partitions



# Health Warning

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Due to complaints made to the Surgeon General's office ...



You are now entering ...

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... a ...

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