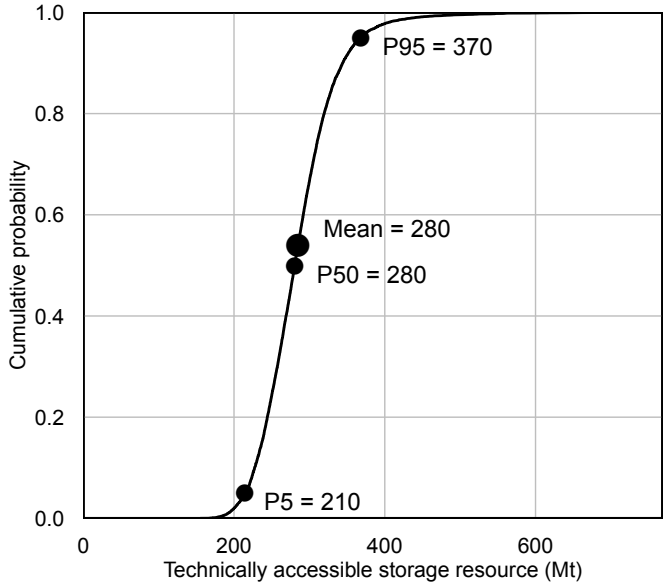
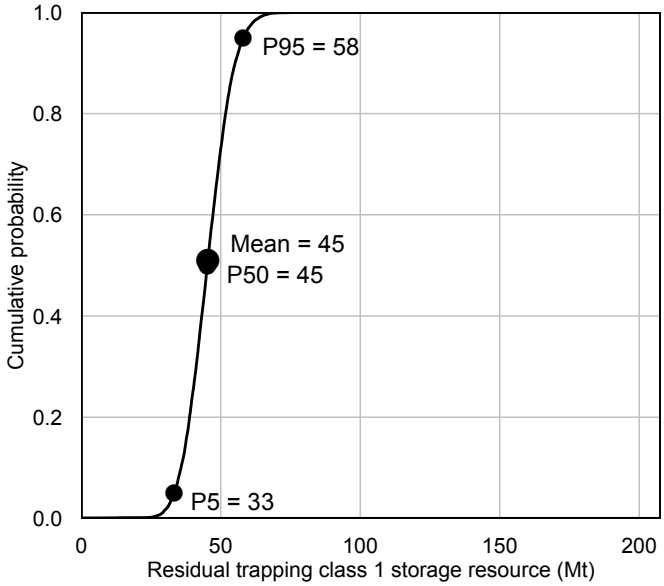
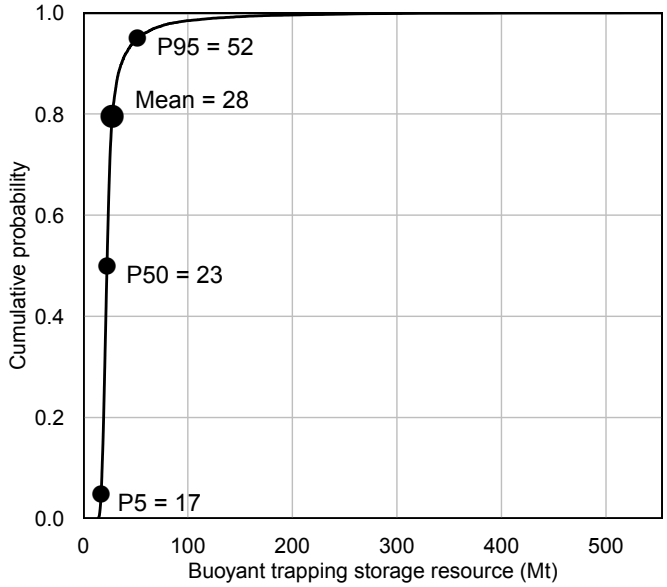
Appendix 2. Empirical Cumulative Distribution Function Plots of Six Resource Types for Each of the 192 Storage Assessment Units Used in the U.S. Geological Survey National Assessment of Geologic Carbon Dioxide Storage Resources

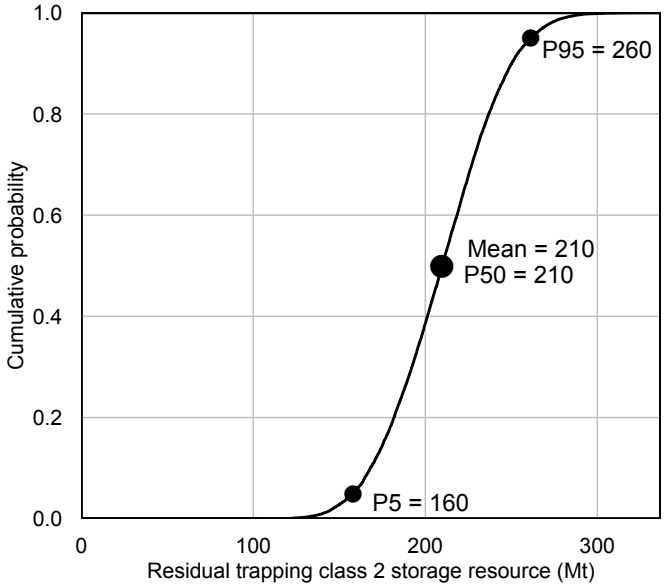
The empirical cumulative distribution function (CDF) plots in appendix 2 are arranged alphabetically by basin name and then numerically by storage assessment unit (SAU) code. A complete list of basin names, SAU names, and SAU codes is in table 1. Each page in appendix 2 shows the probabilistic results of one quantitatively assessed SAU and contains six plots, one for each assessment output. These outputs are (1) the technically accessible storage resource (TA_{SR}); (2) the buoyant trapping storage resource (B_{SR}); (3) the known recovery replacement storage resource (KRR_{SR}); (4) the residual trapping class 1 storage resource ($R1_{SR}$), for rocks with permeability greater than 1 darcy; (5) the residual trapping class 2 storage resource ($R2_{SR}$), for rocks with permeability between 1 millidarcy (mD) and 1 darcy; and (6) the residual trapping class 3 storage resource ($R3_{SR}$), for rocks with permeability less than 1 mD. In each empirical CDF plot, the horizontal axis shows the storage resource (in millions of metric tons, Mt) and the vertical axis shows the cumulative probability between zero and one. The cumulative probability for a given percentile represents the probability that the true storage resource is *less than* the value shown. The points along the CDF are the mean and the P_5, P_{50}, and P_{95} percentiles as used in the rest of this report, although the labels on the plots lack subscripts and look like P5, P50, and P95. These values are also given in table 1. Output categories with a calculated storage resource of zero are labeled "No storage resource." Where the mean and P_{50} values are the same within rounding to two significant figures, their respective dots on the curve may be slightly offset and reflect the unrounded values. All storage resource values greater than 1 Mt are rounded to two significant figures; all storage resource values less than 1 Mt are rounded to the nearest 0.1 Mt. For plots with storage resource values less than 1 Mt, a few points do not fall on the empirical CDF curve due to rounding error. All figures were created in R (R Core Team, 2013) using the ggplot2 package (Wickham, 2009). For more details on the calculations used to create the empirical CDF plots, see Brennan and others (2010) and Blondes, Brennan, and others (2013).

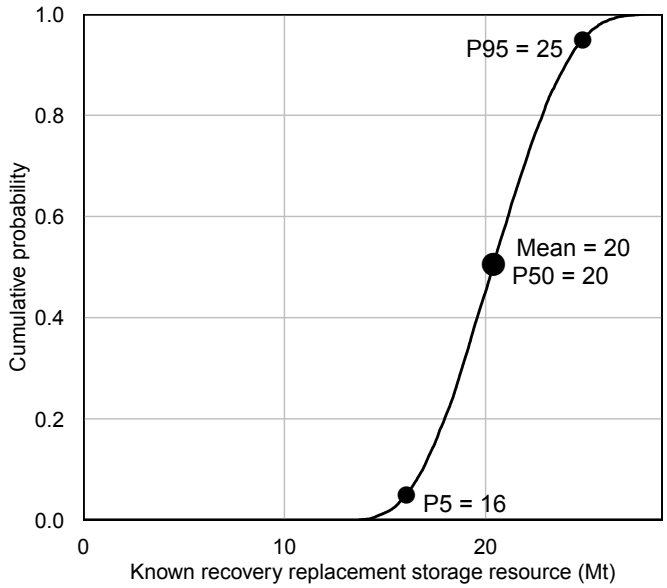
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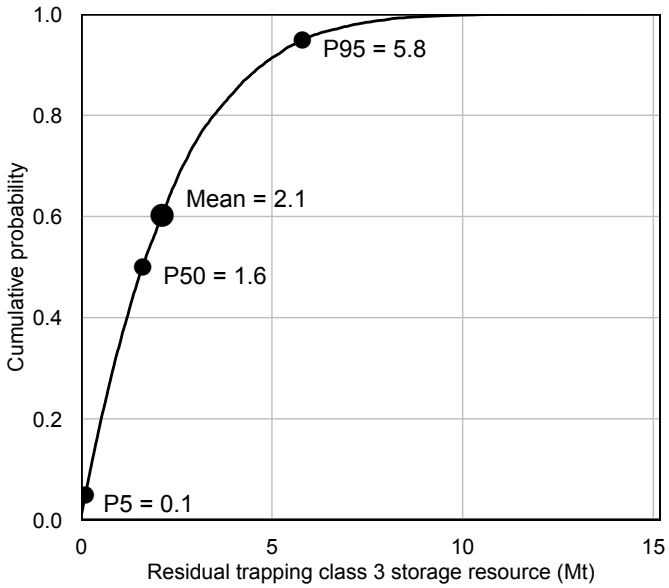




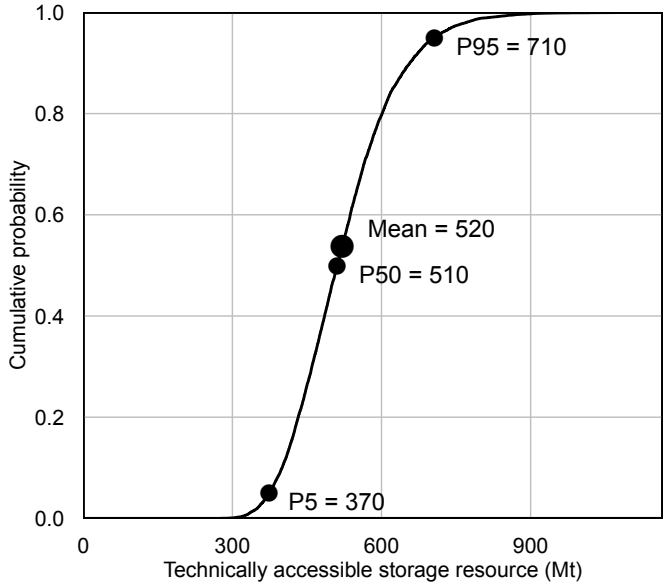


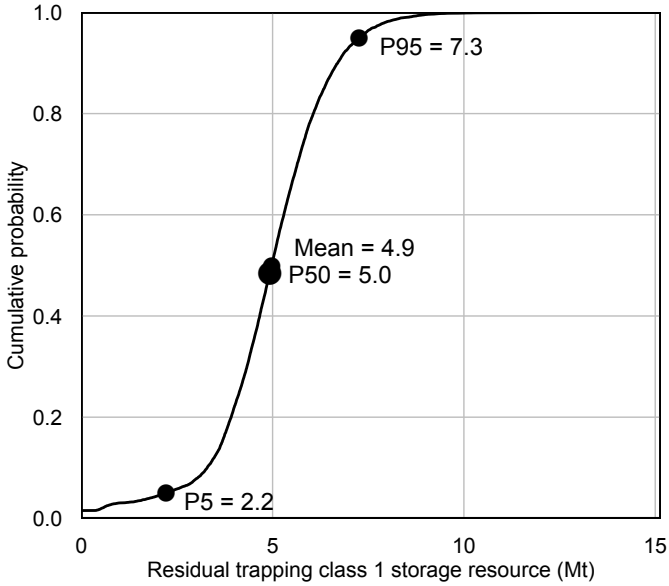


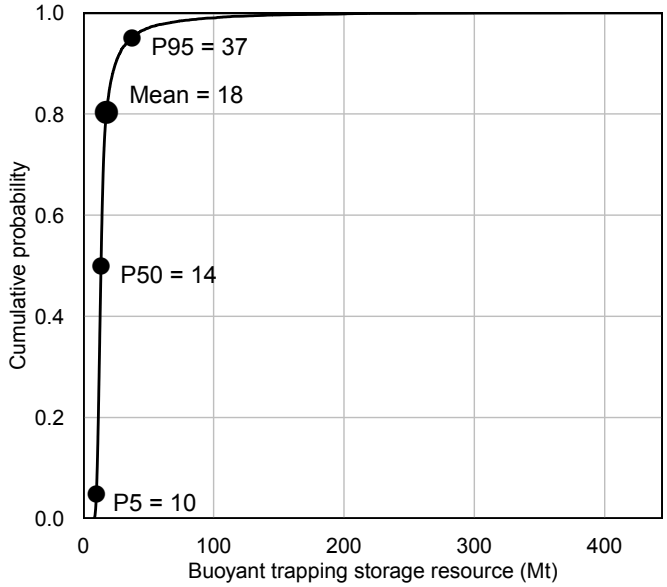


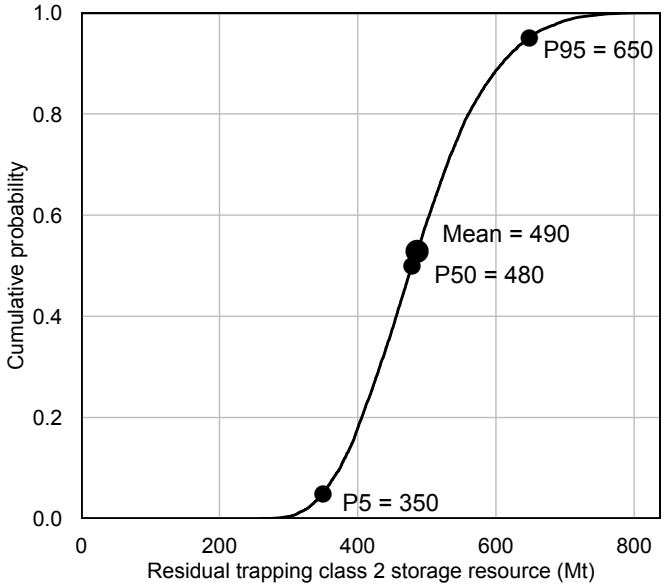


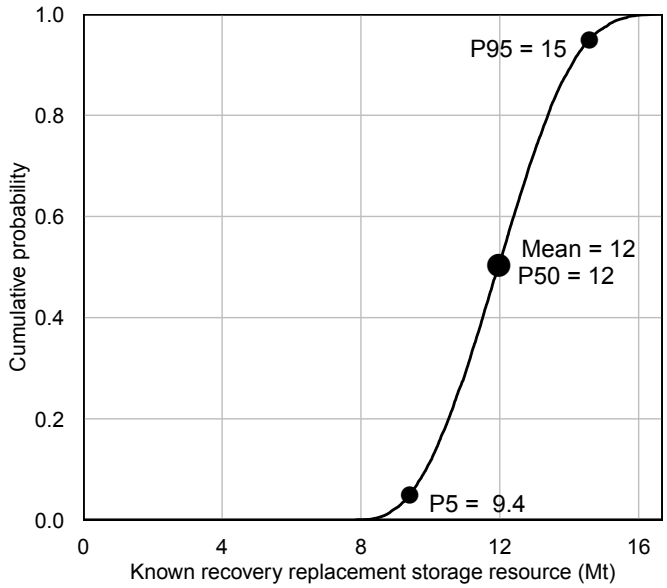
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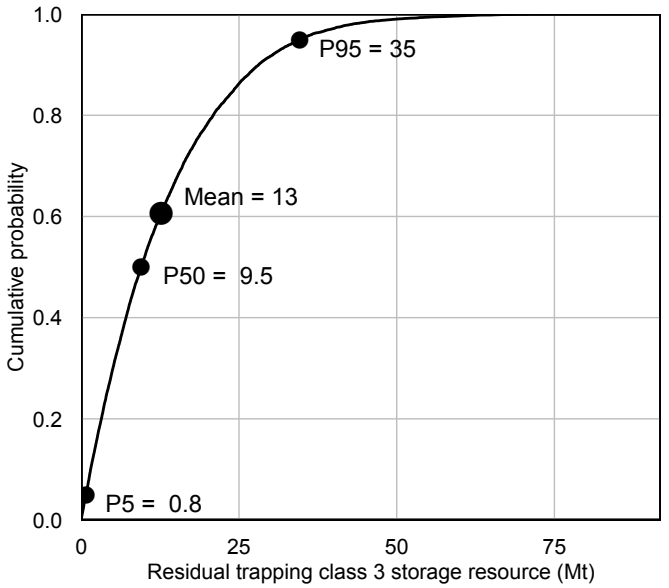




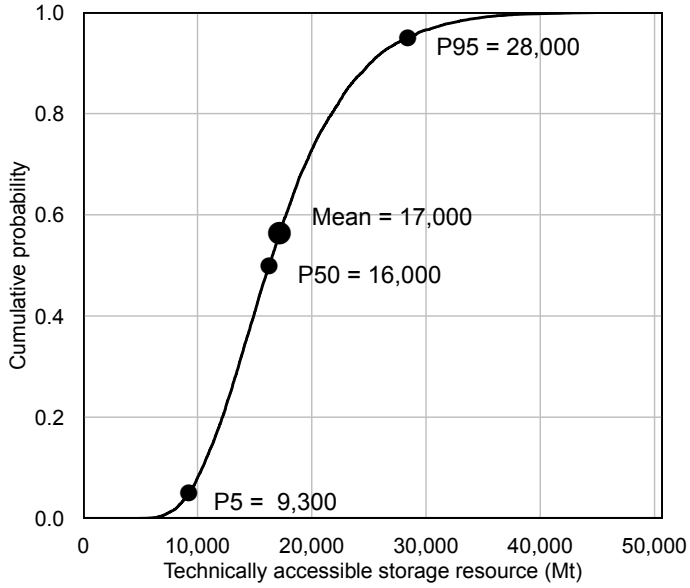


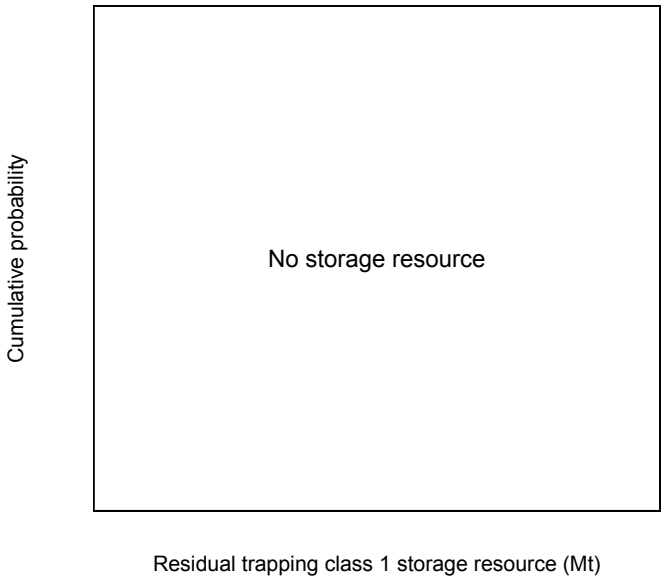


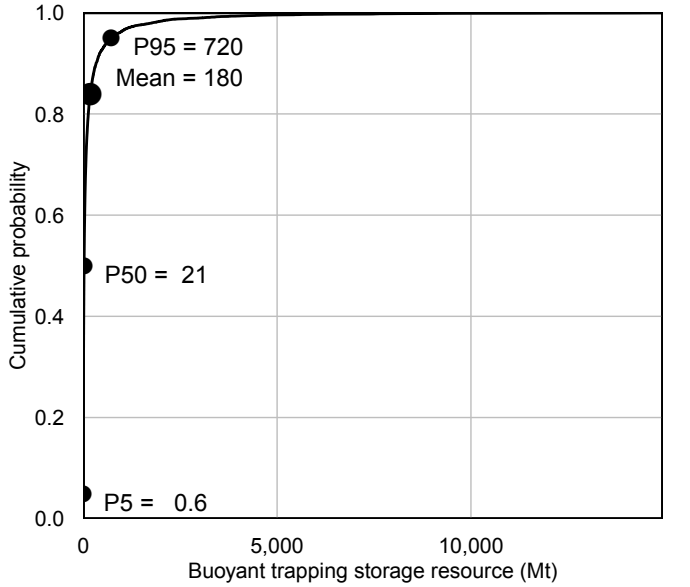


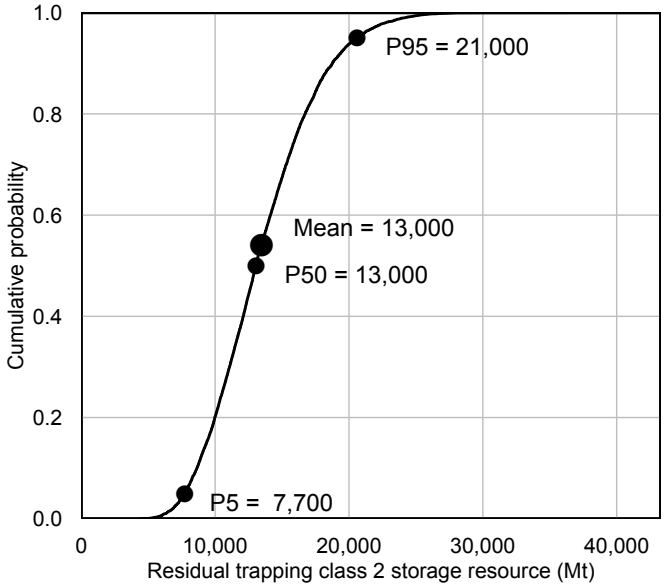


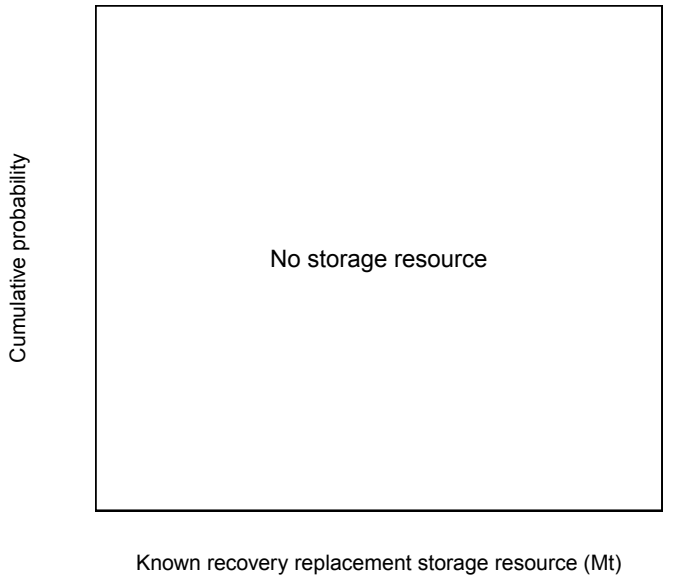
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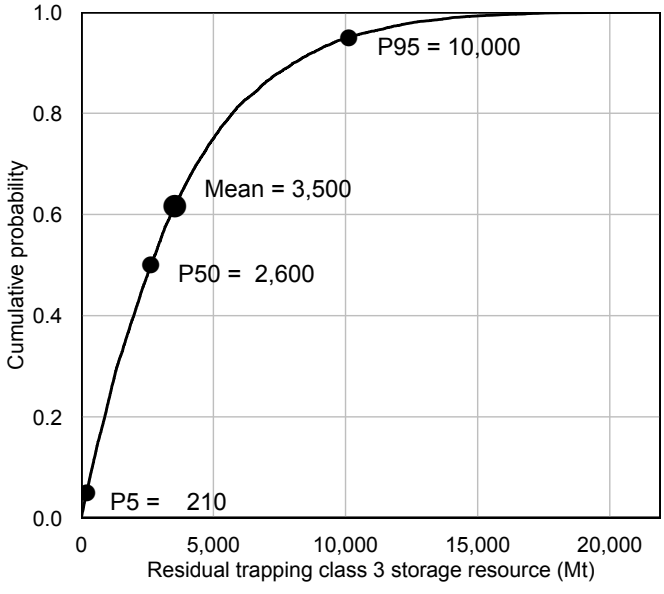




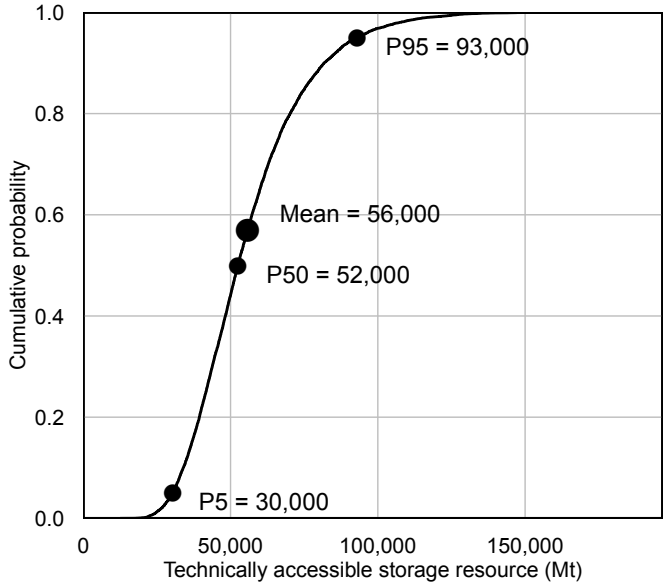


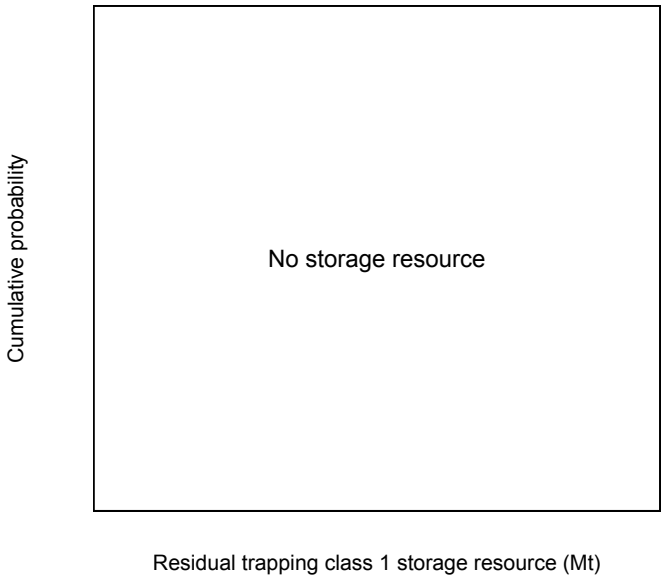


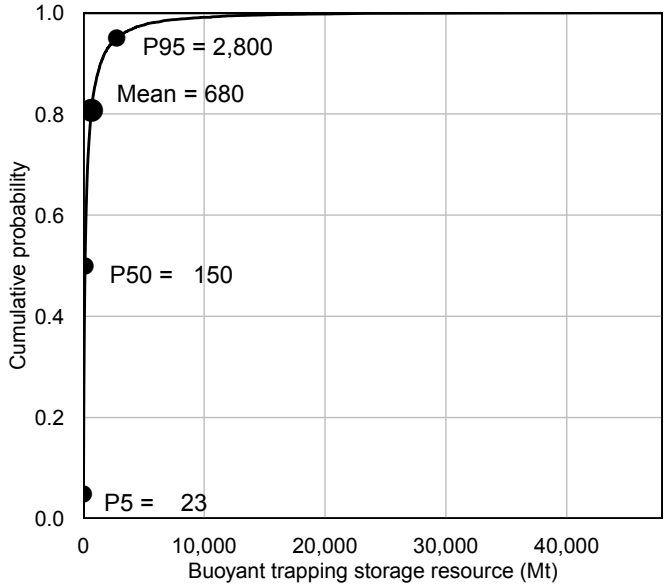


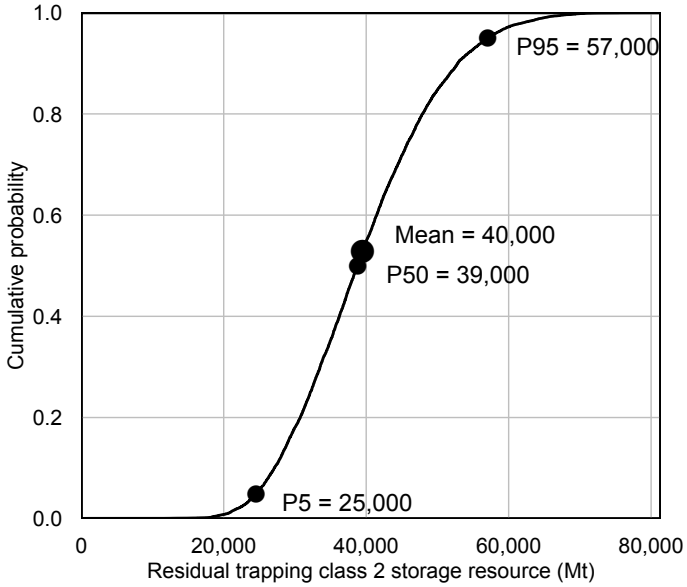


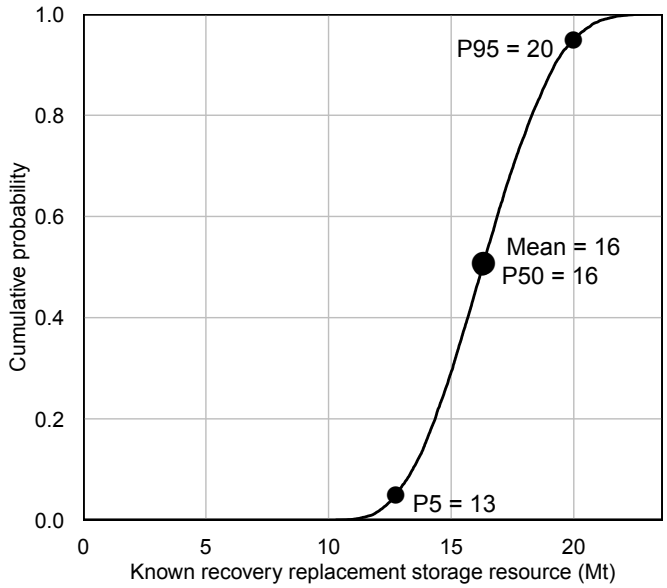
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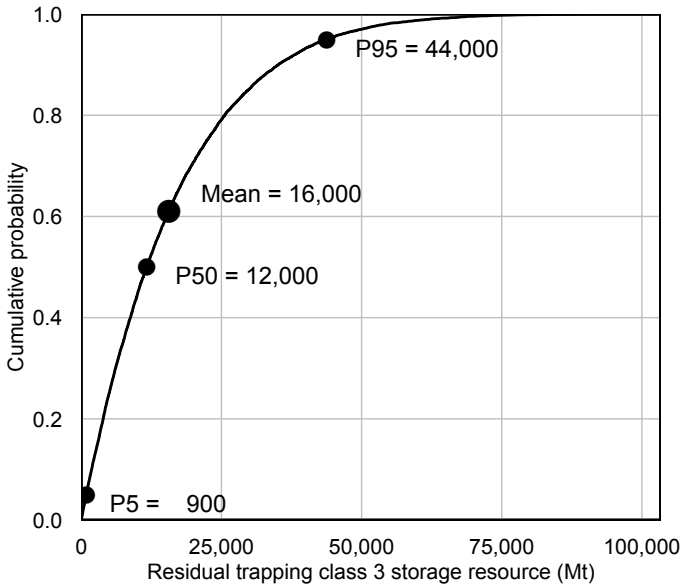




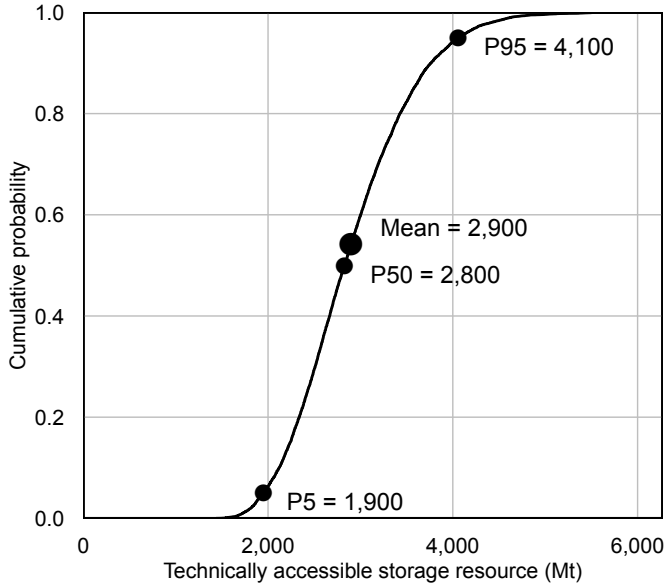


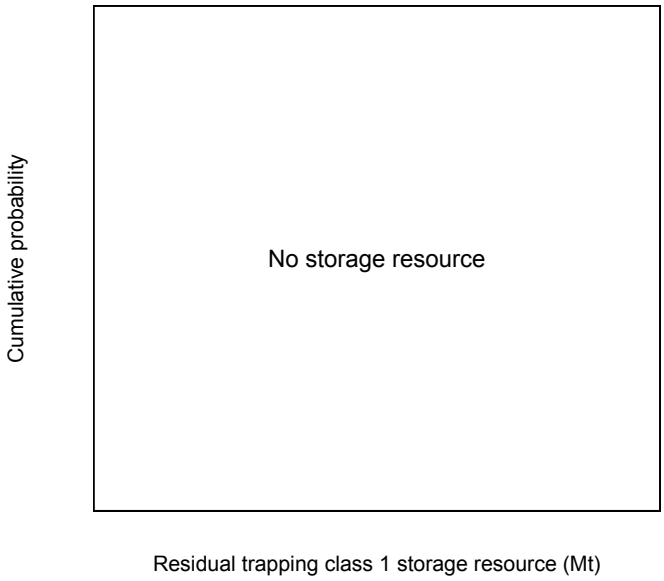


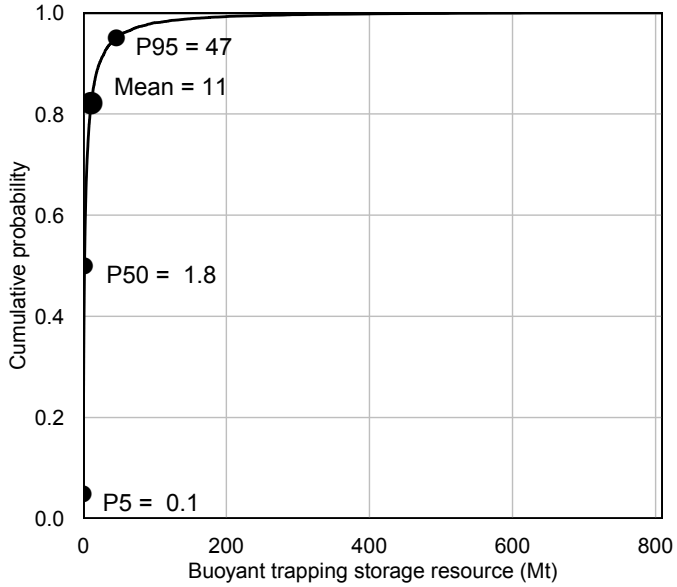


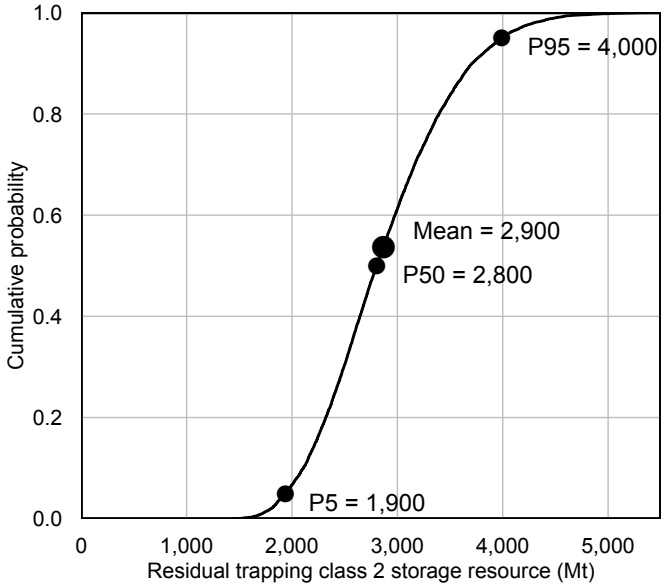


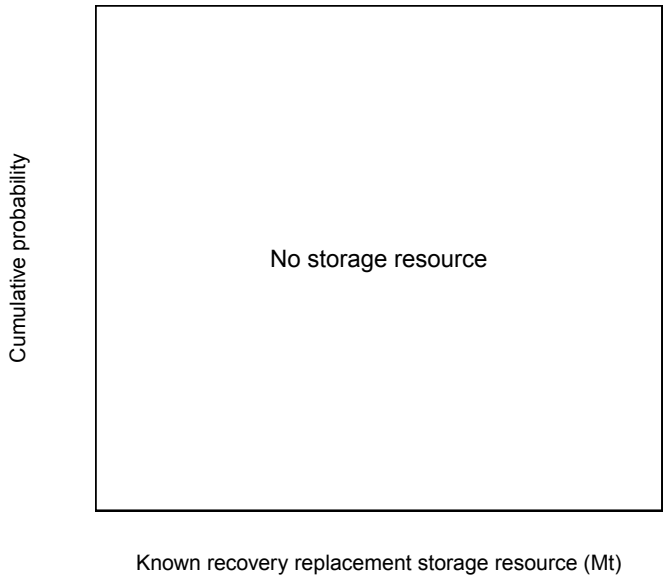
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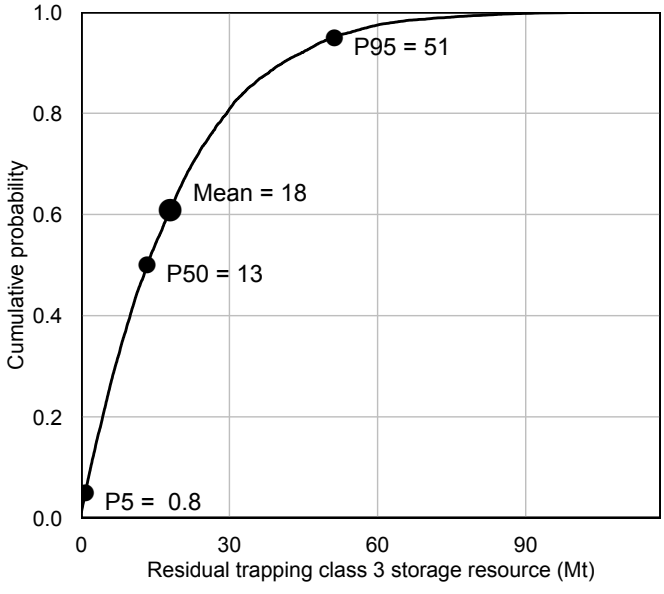




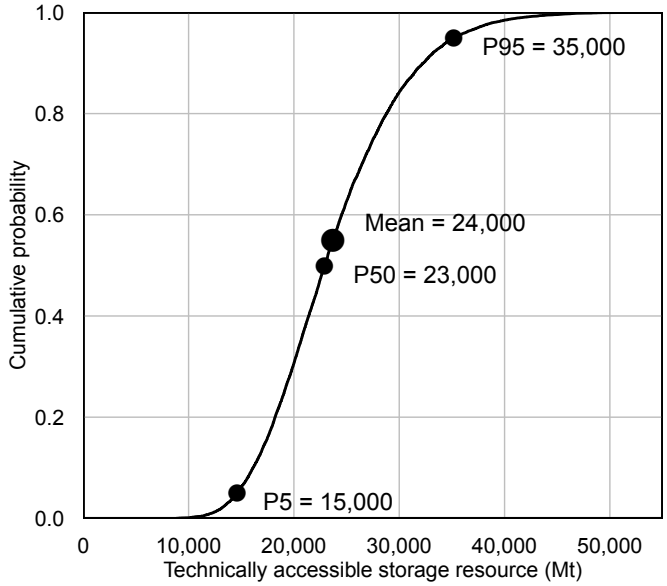


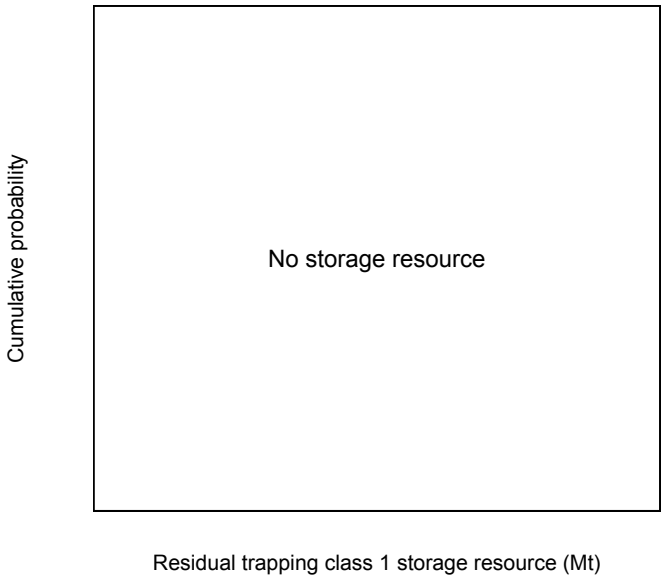


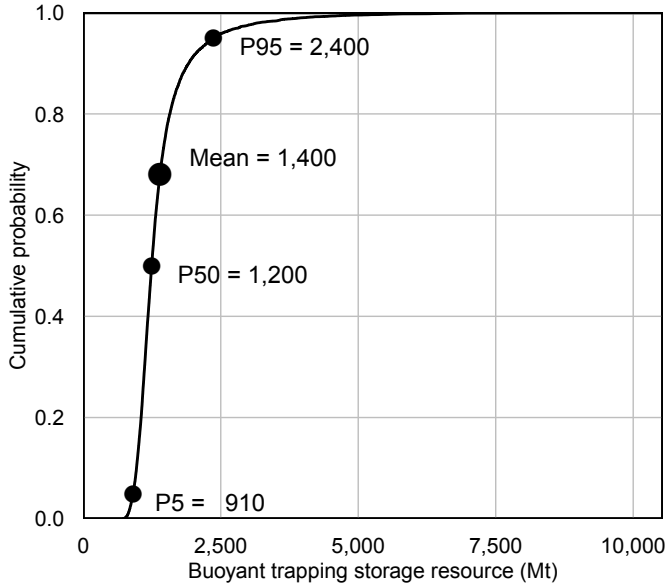


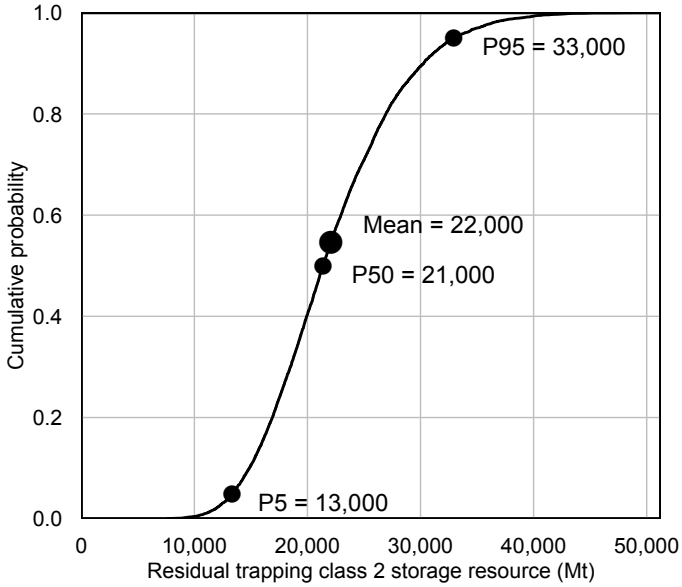


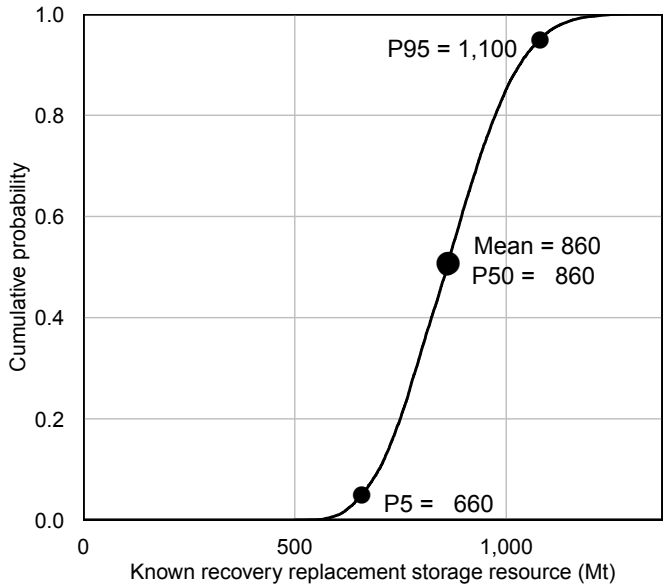
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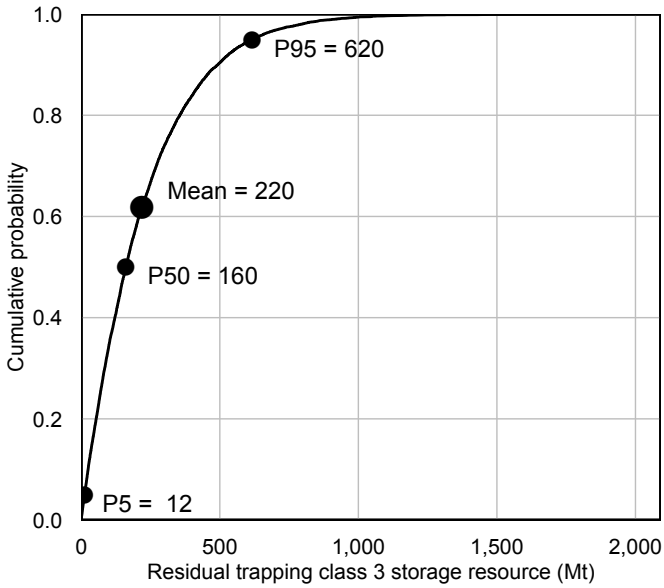




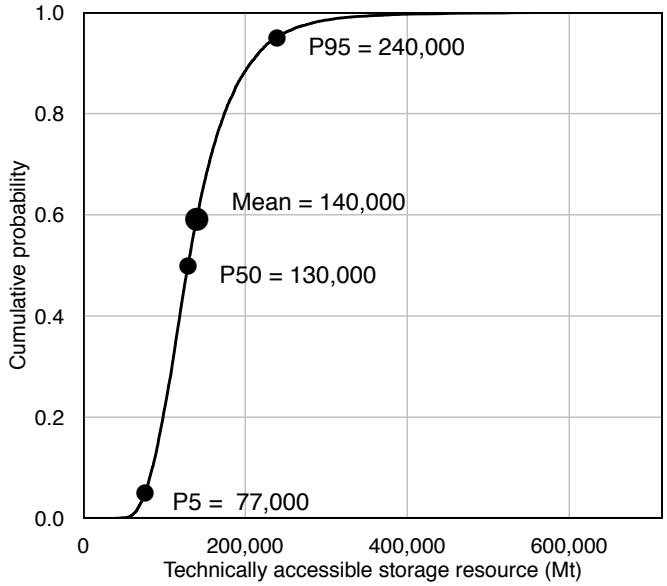


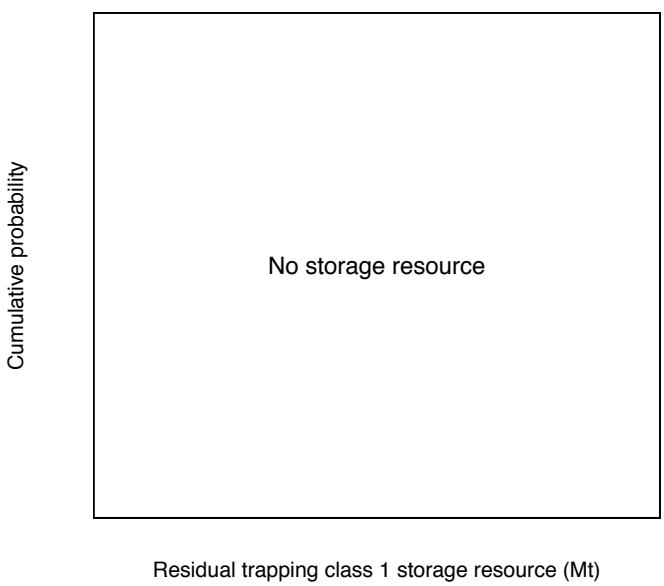


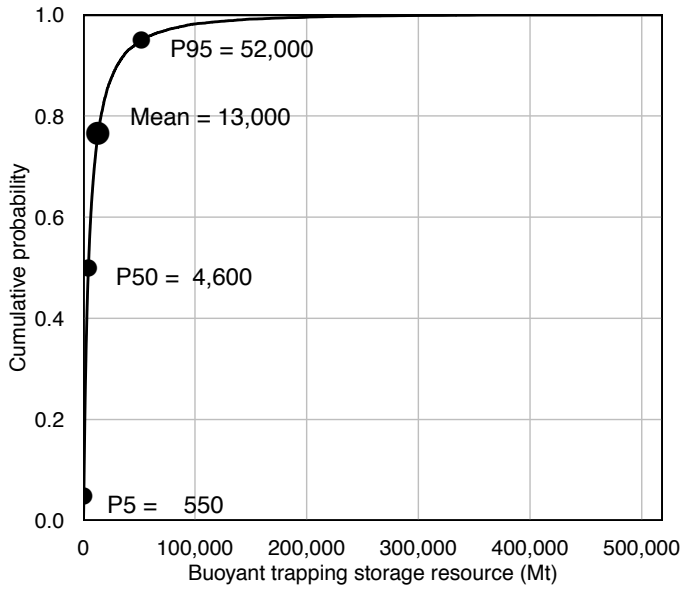


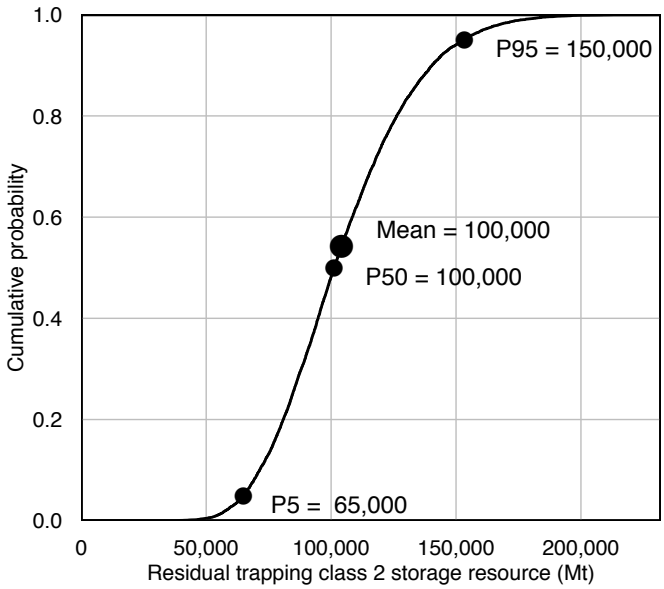


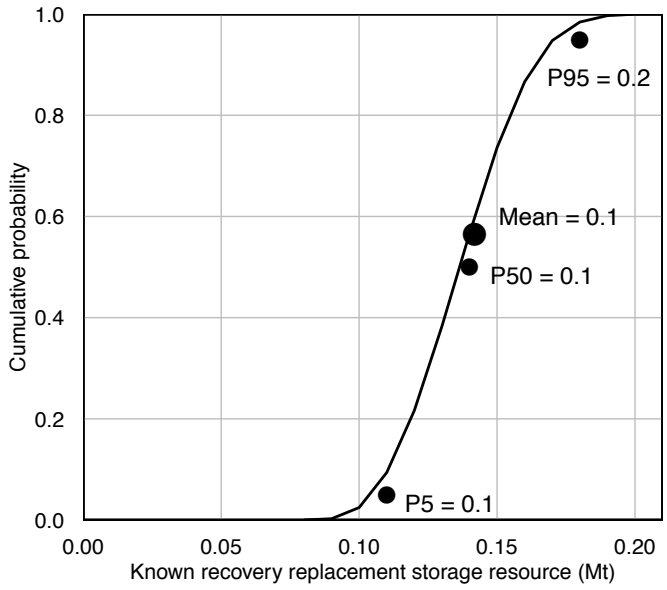
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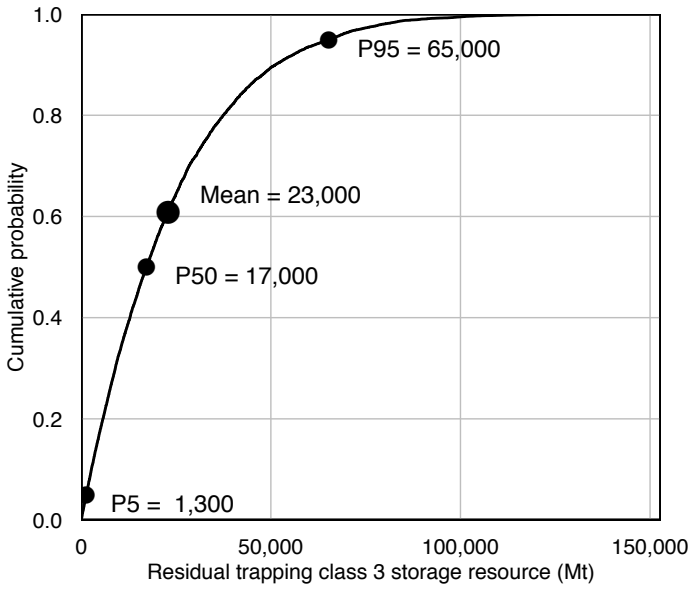




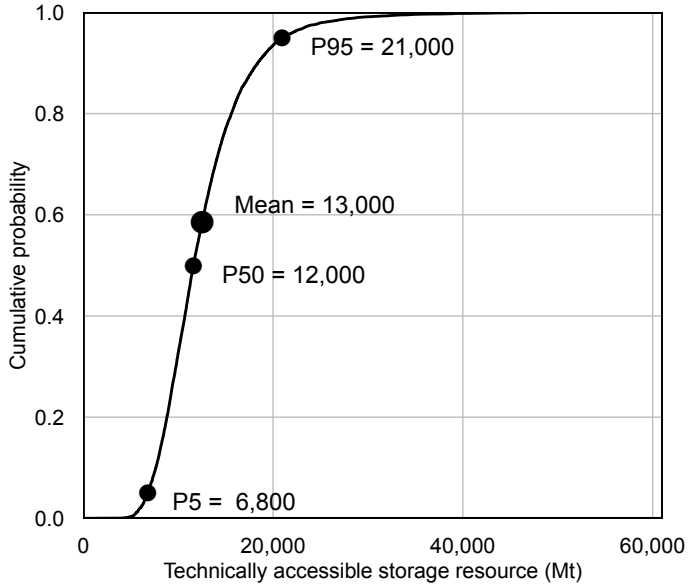


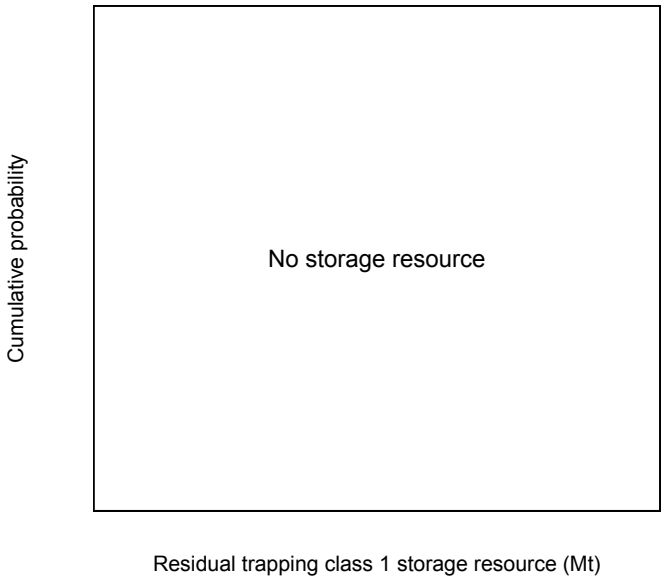


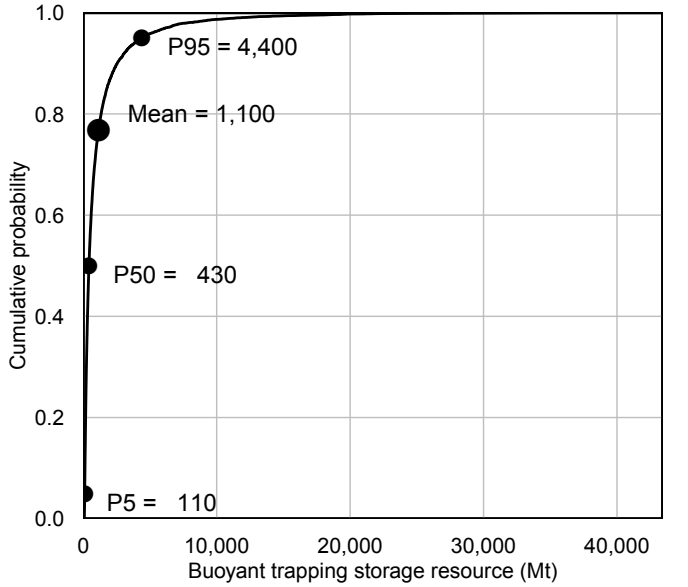


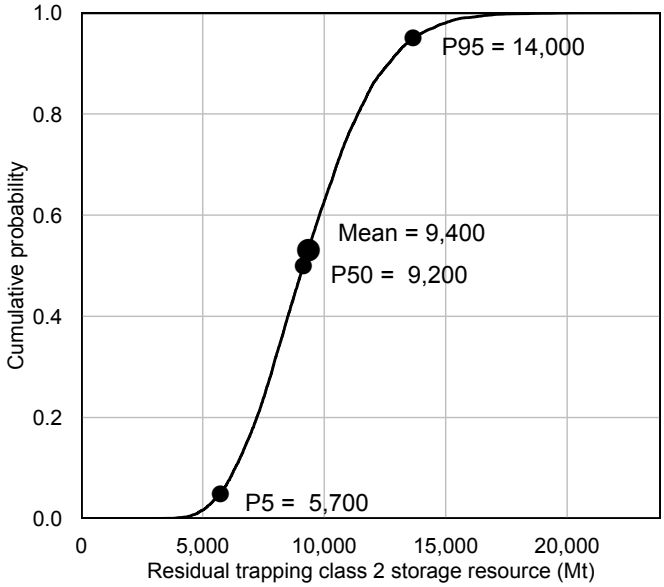


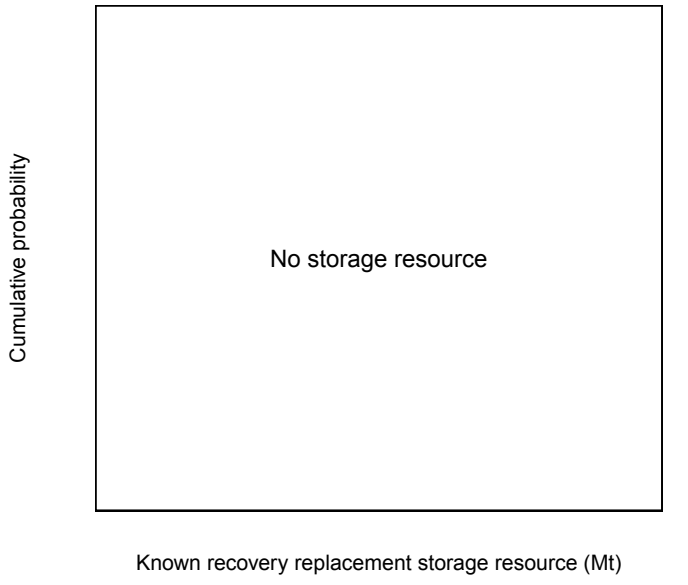
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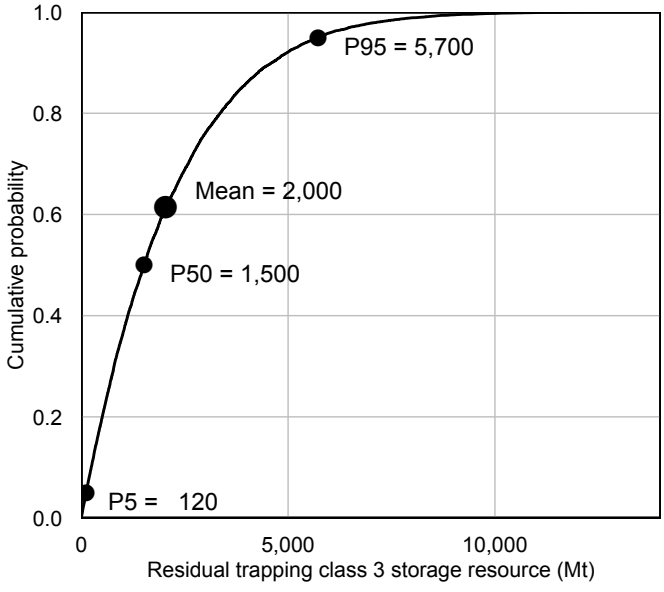




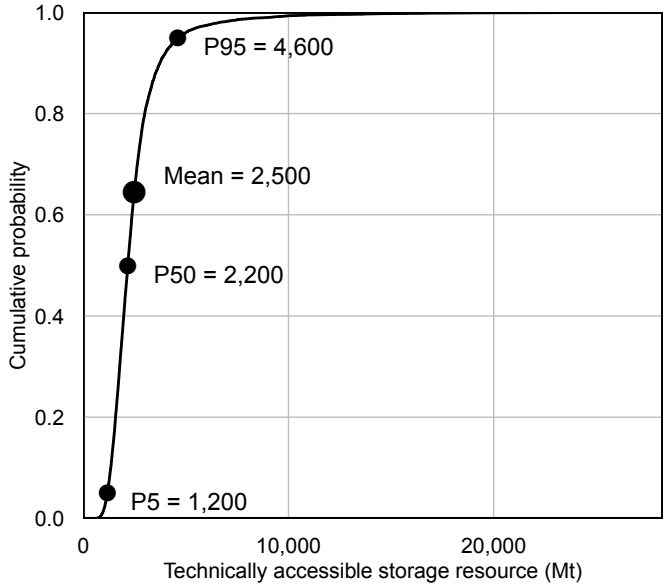


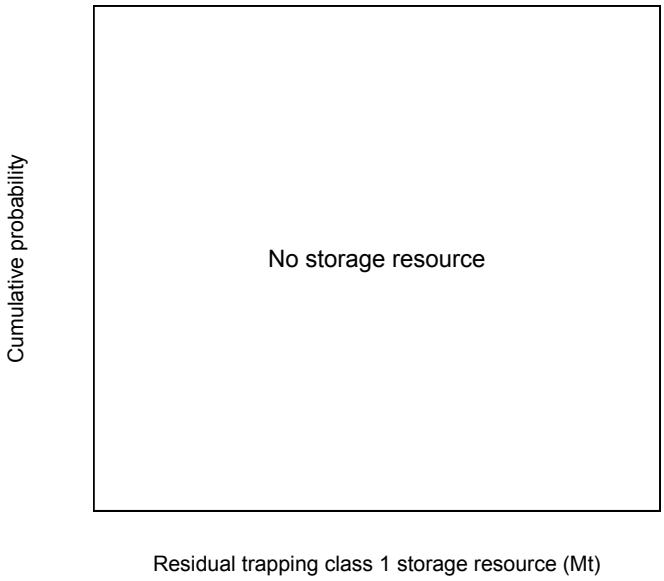


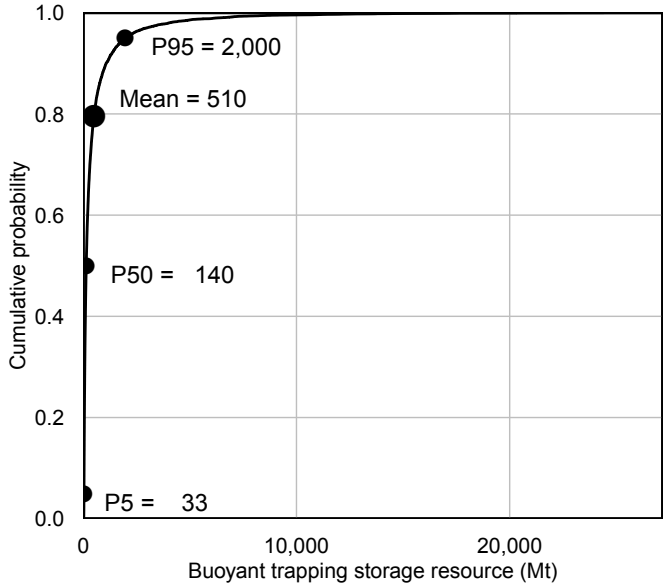


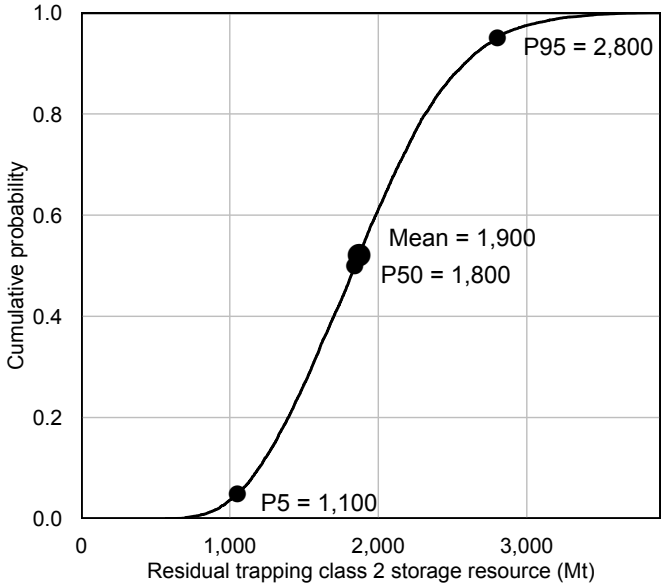


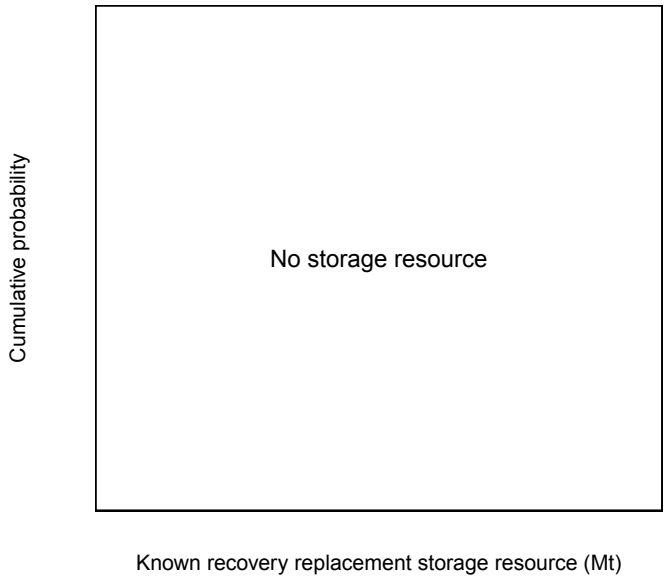
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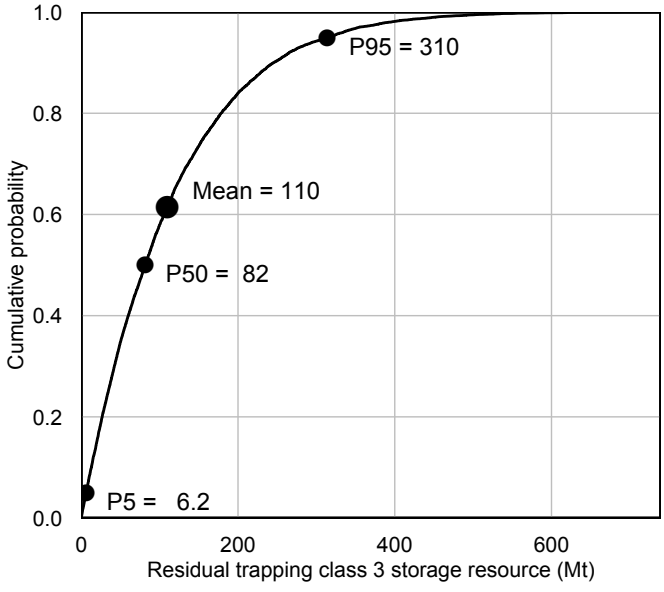




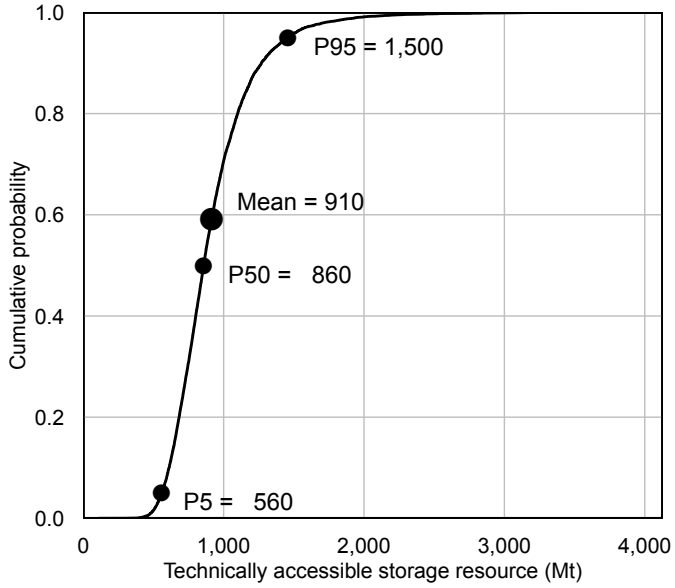


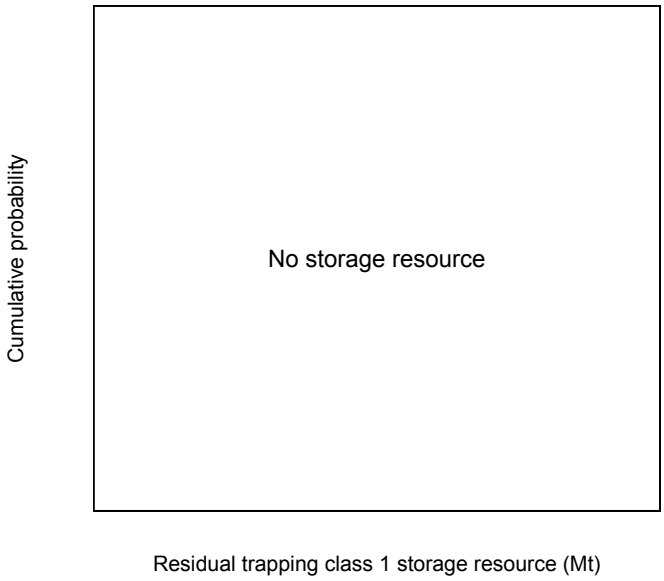


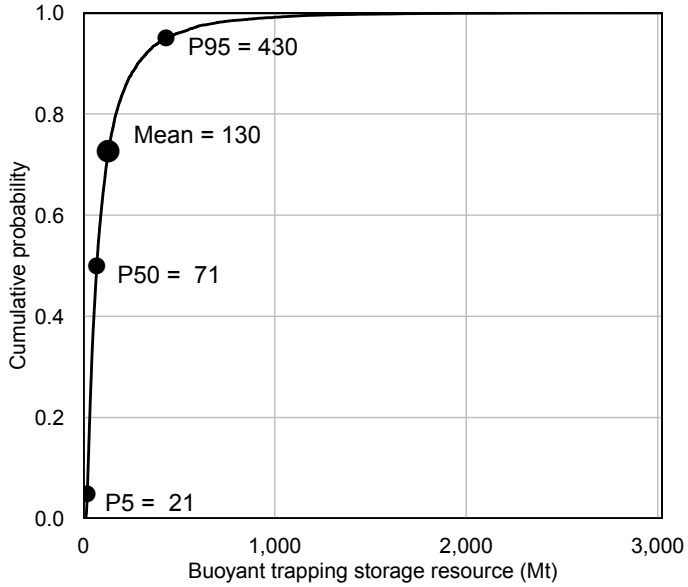


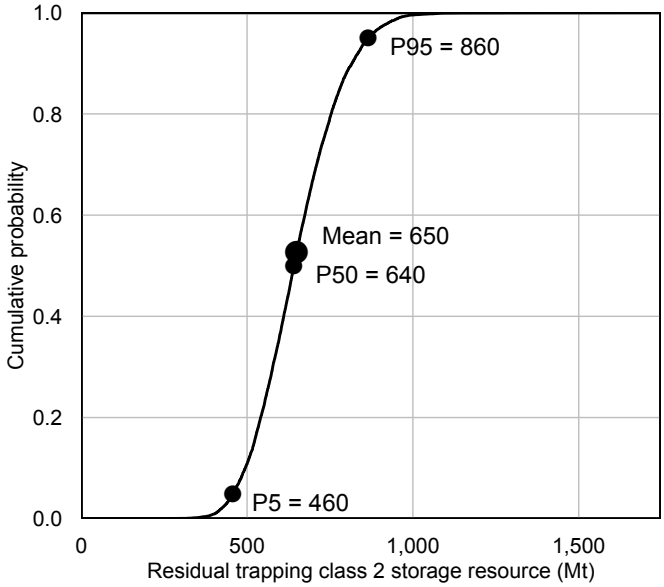


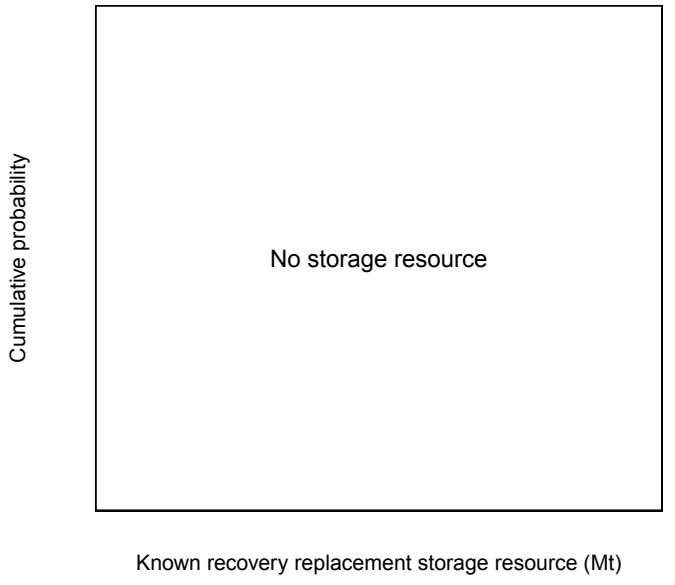
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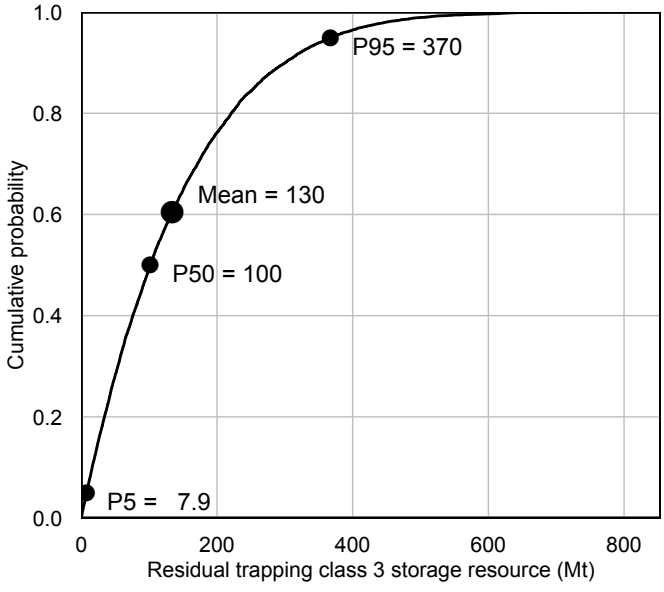




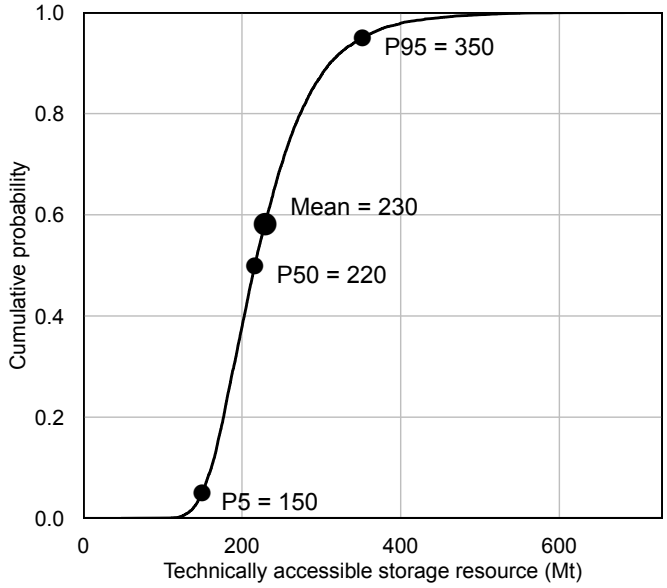


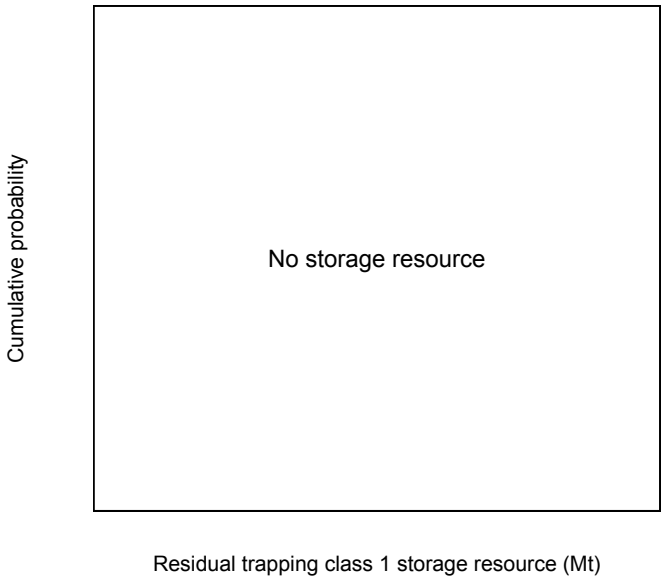


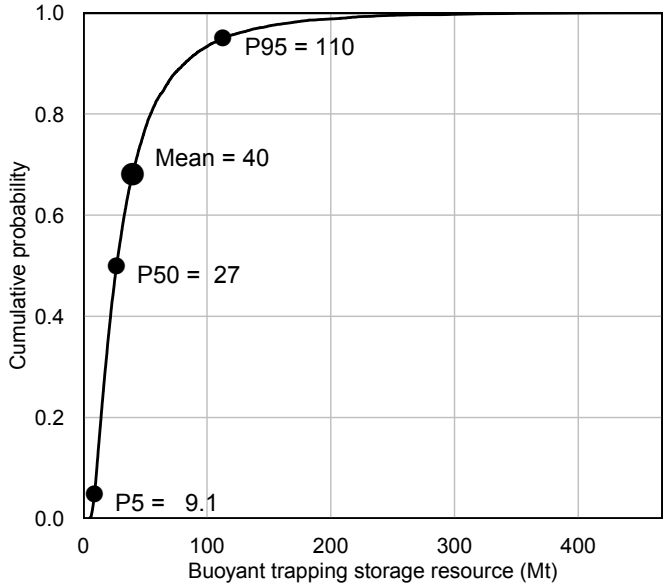


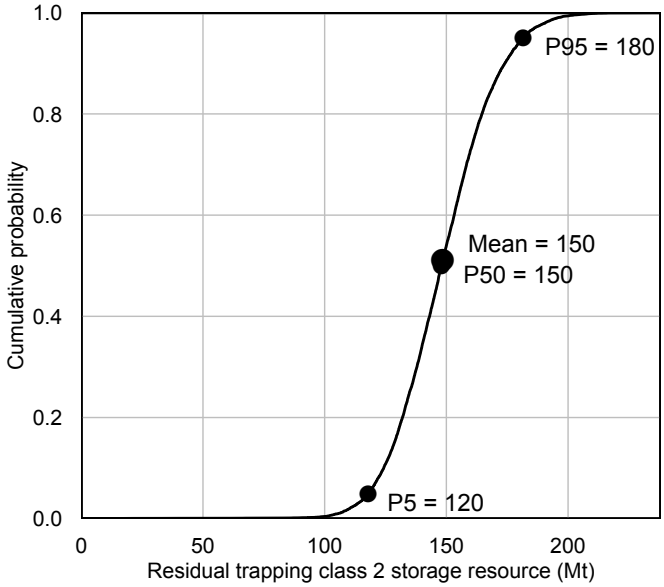


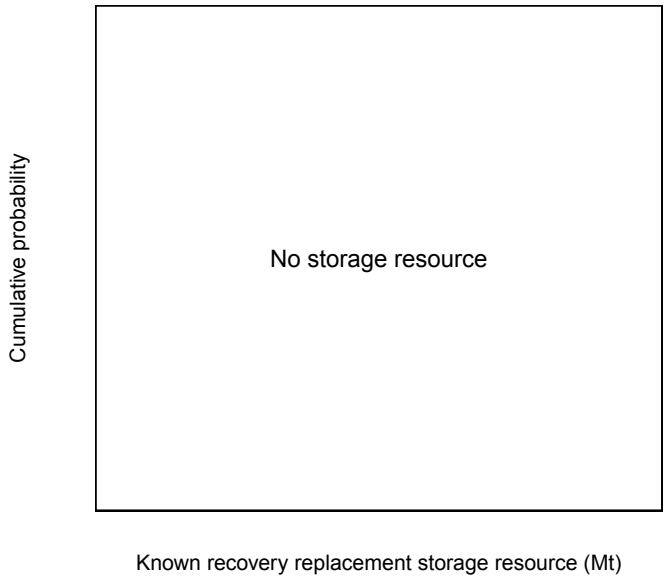
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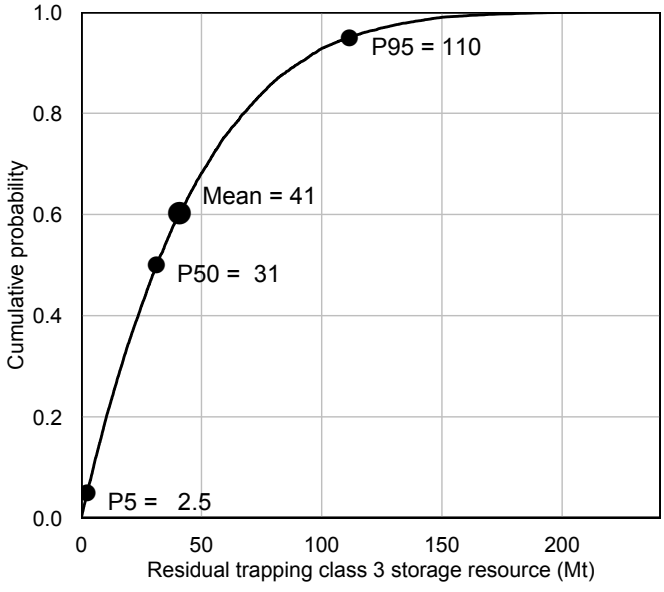




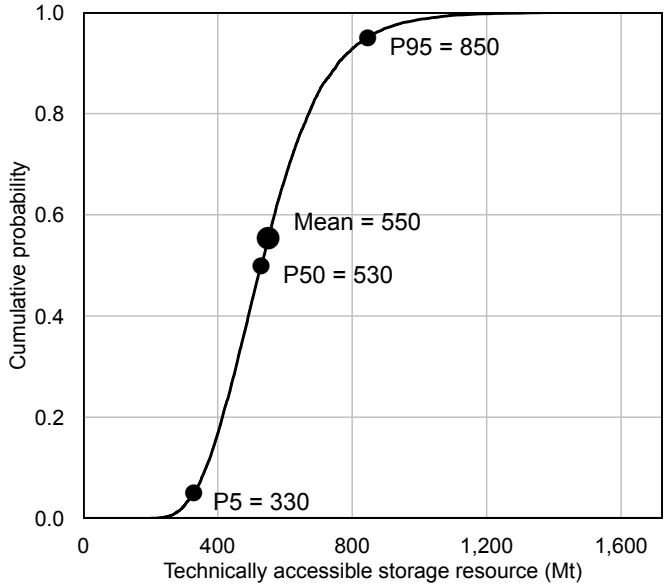


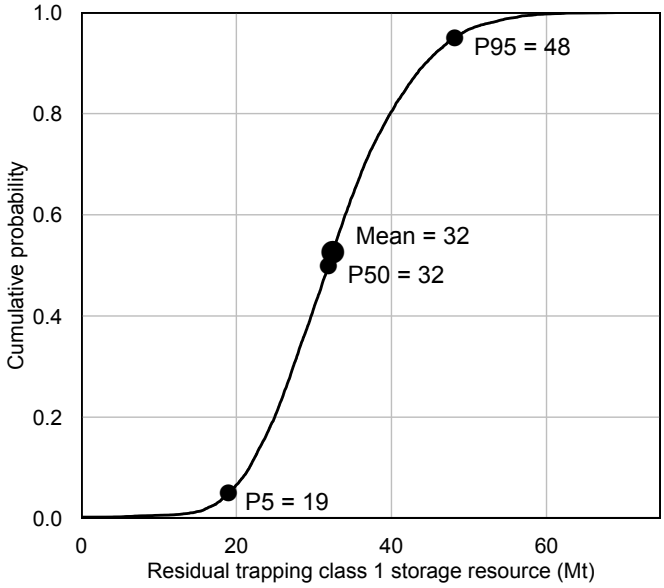


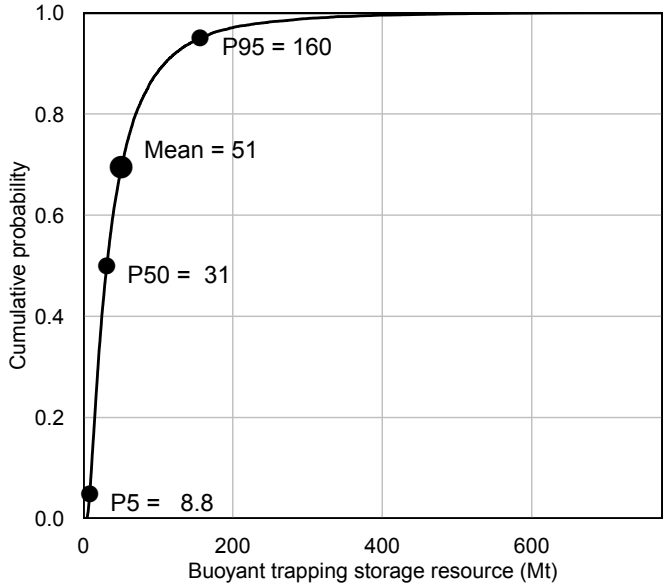


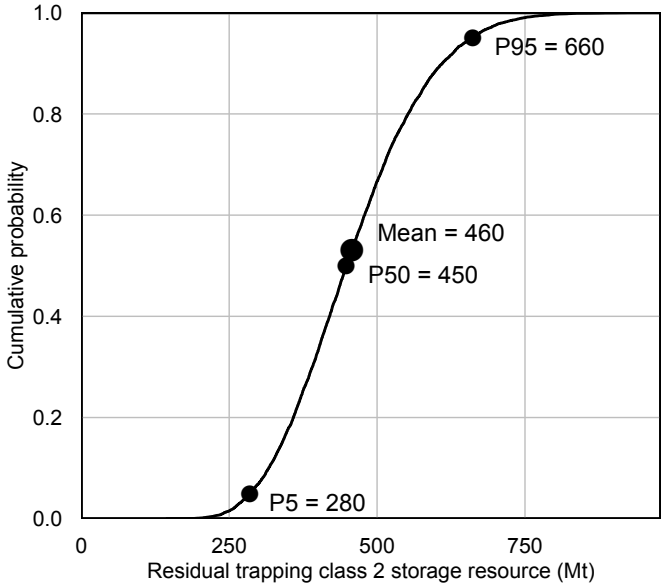


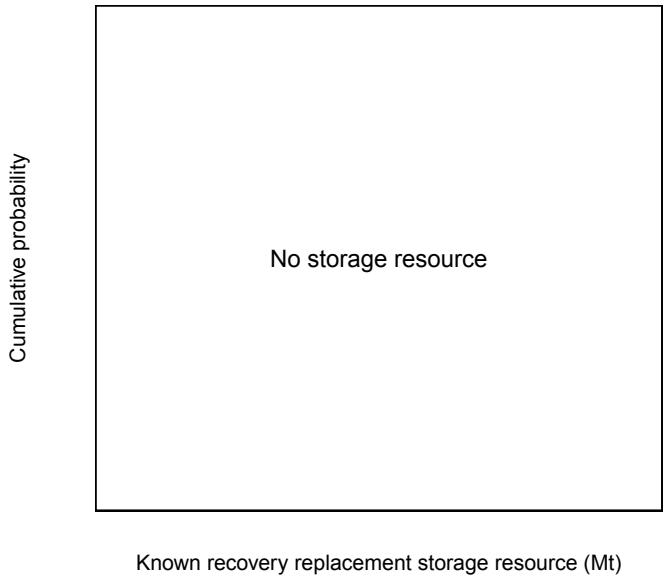
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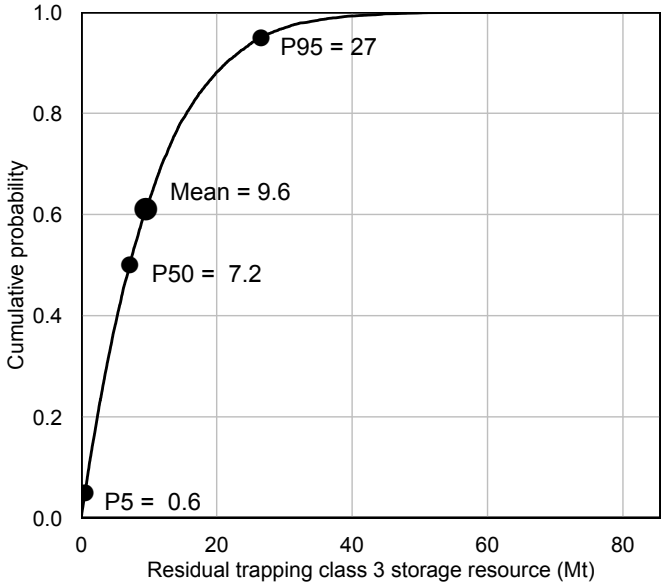




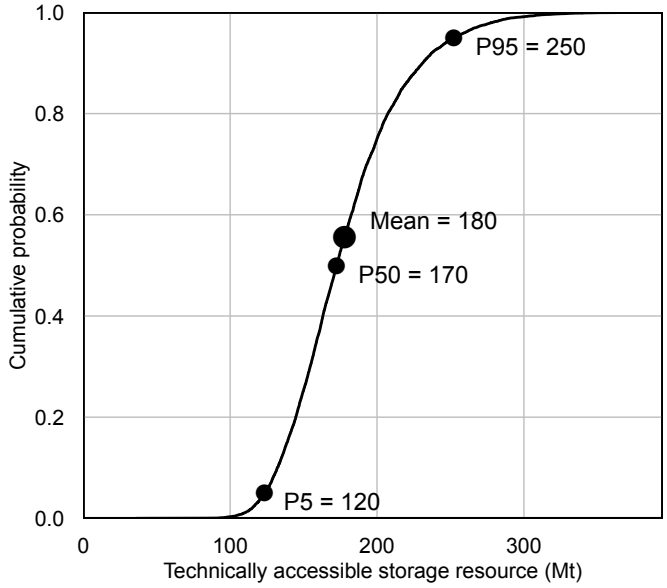


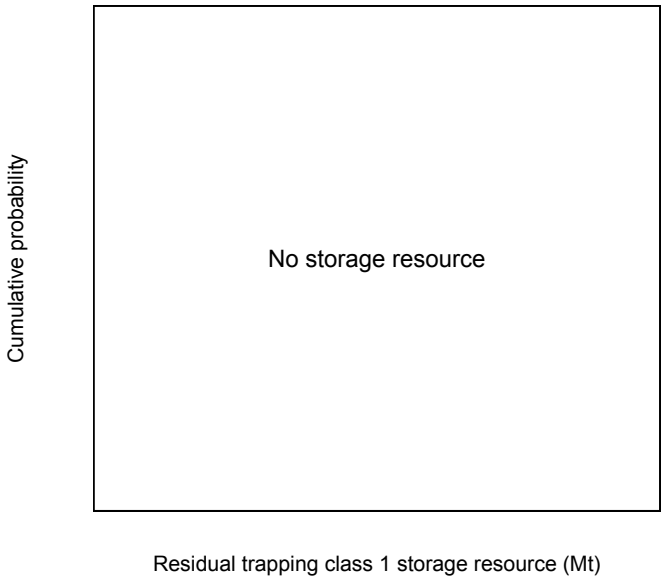


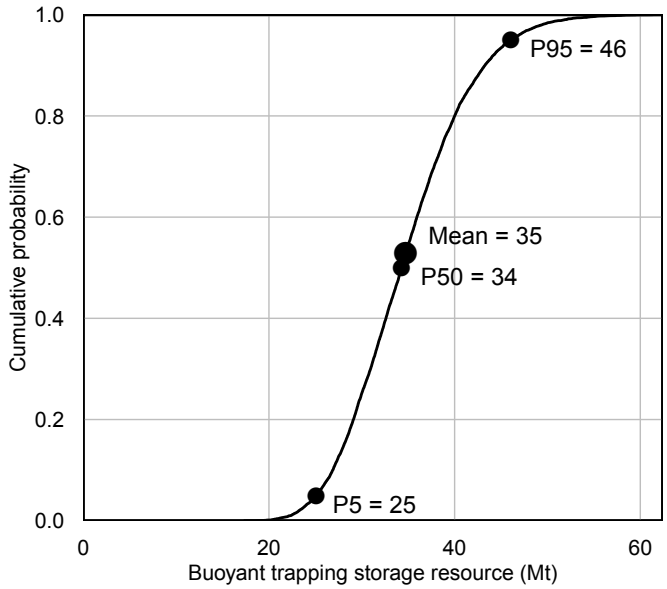


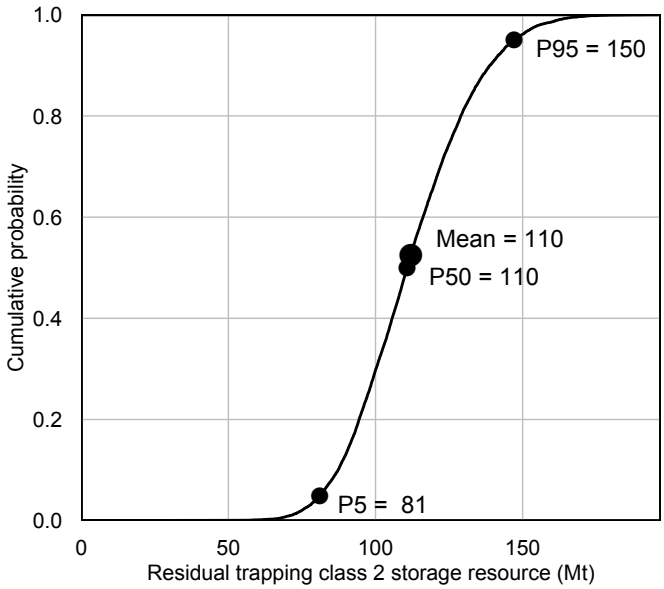


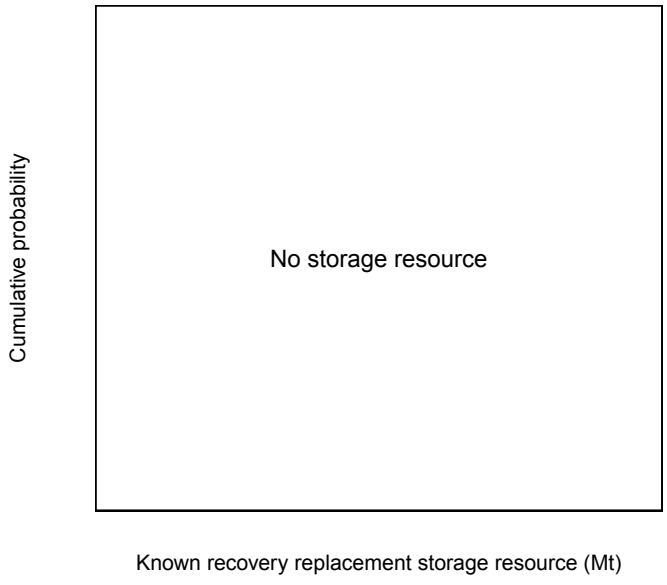
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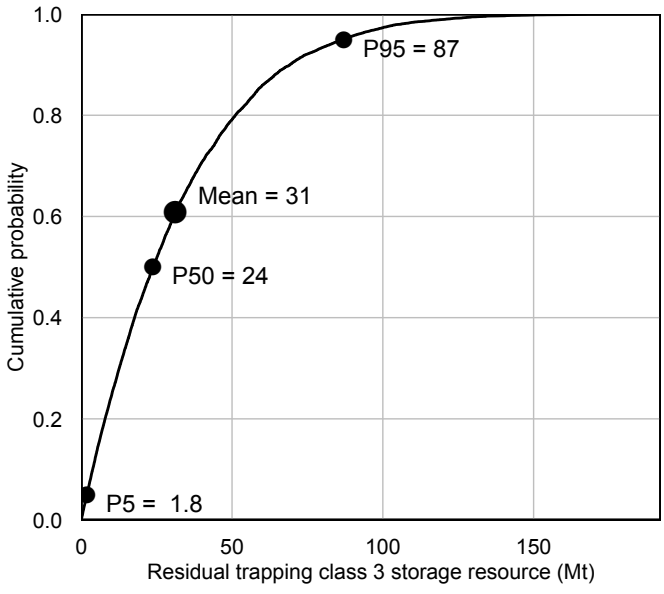




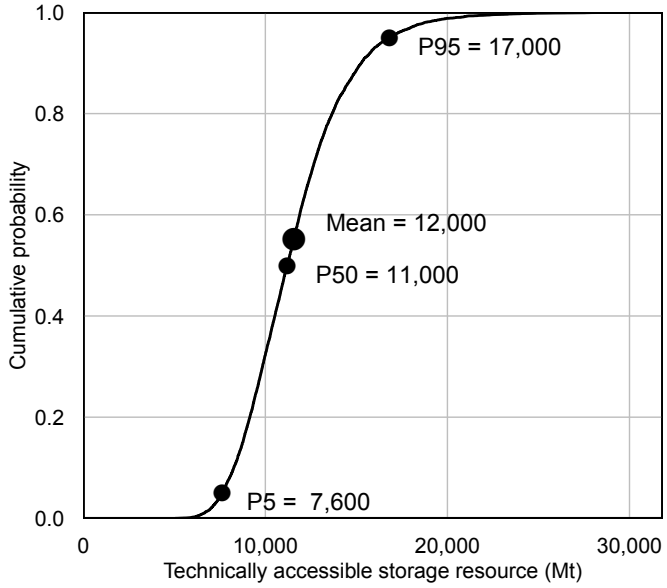


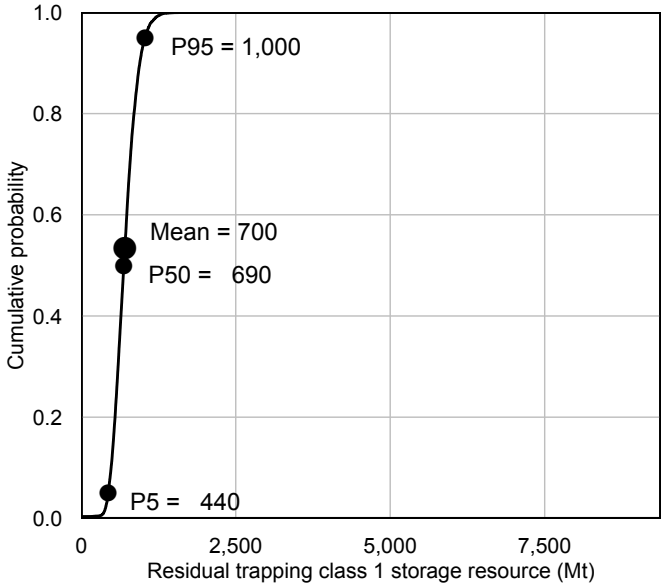


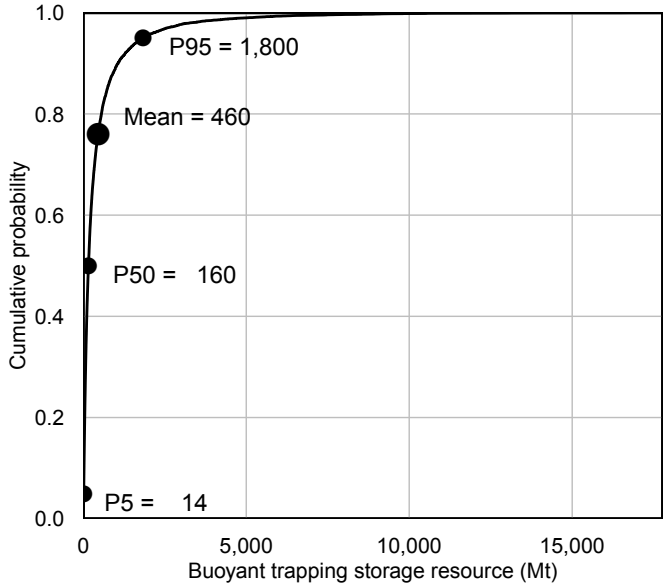


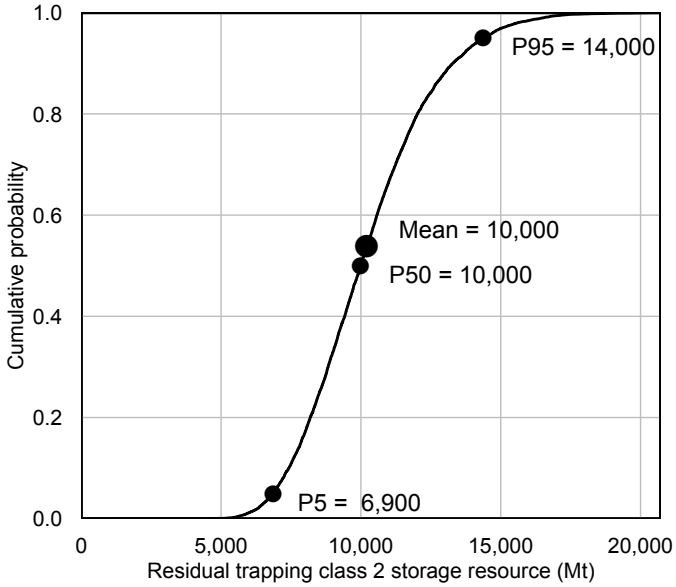


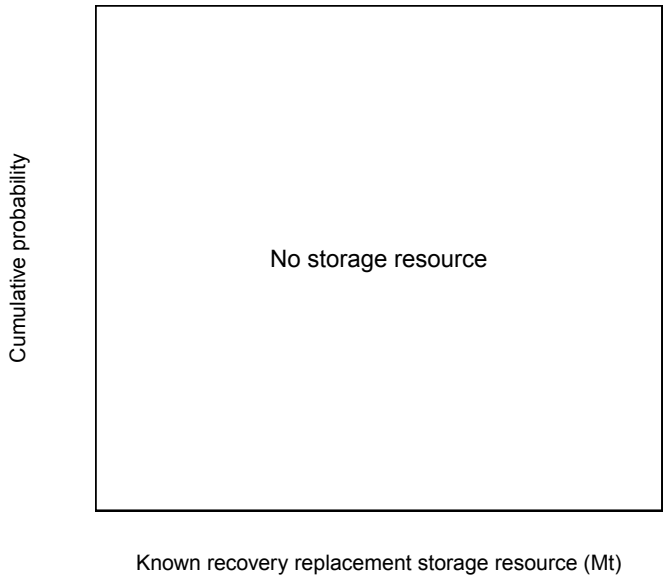
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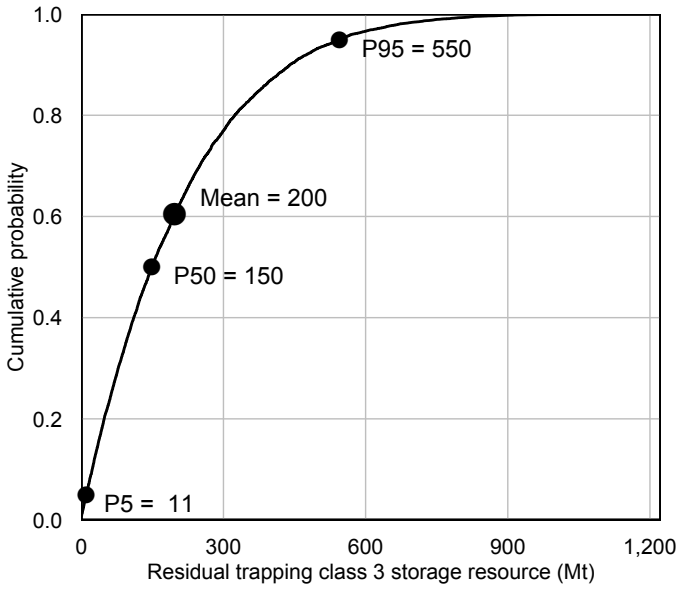




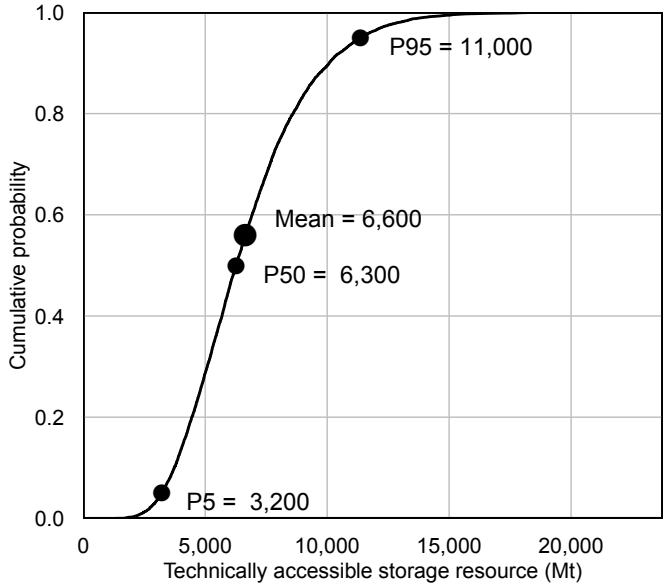


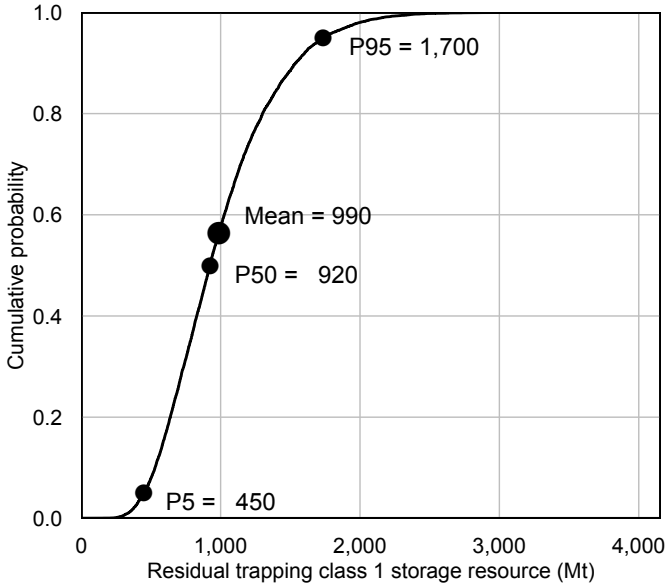


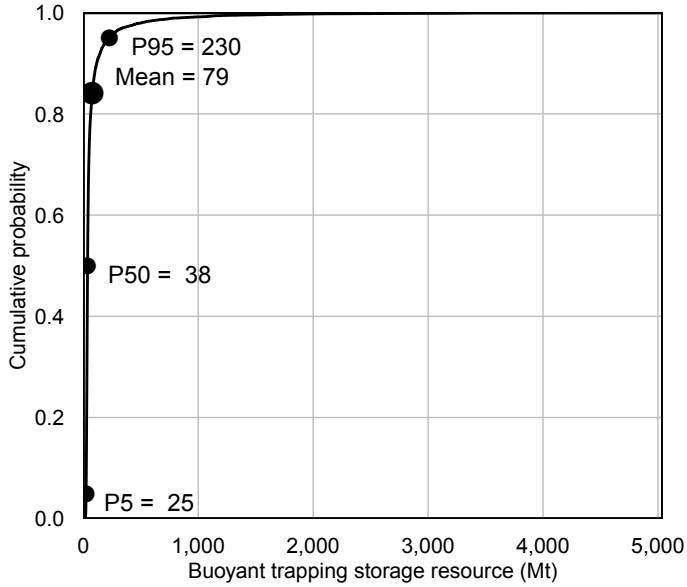


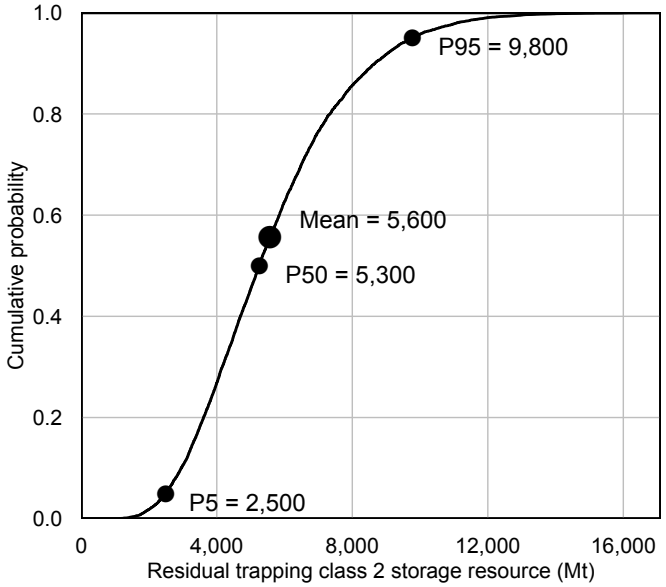


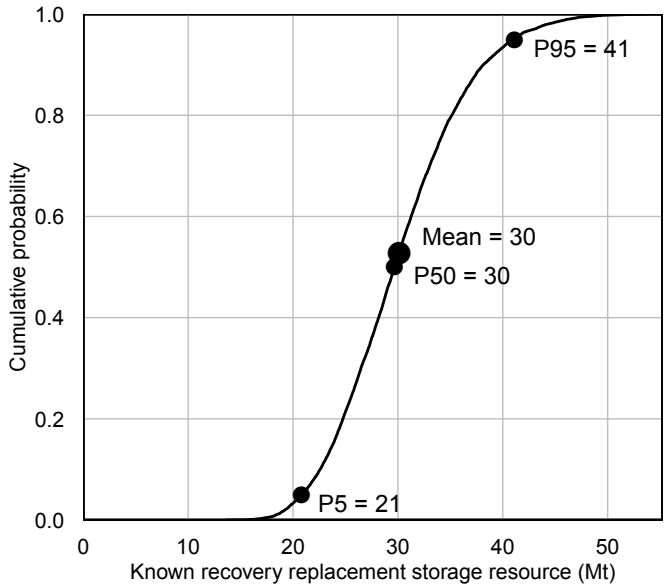
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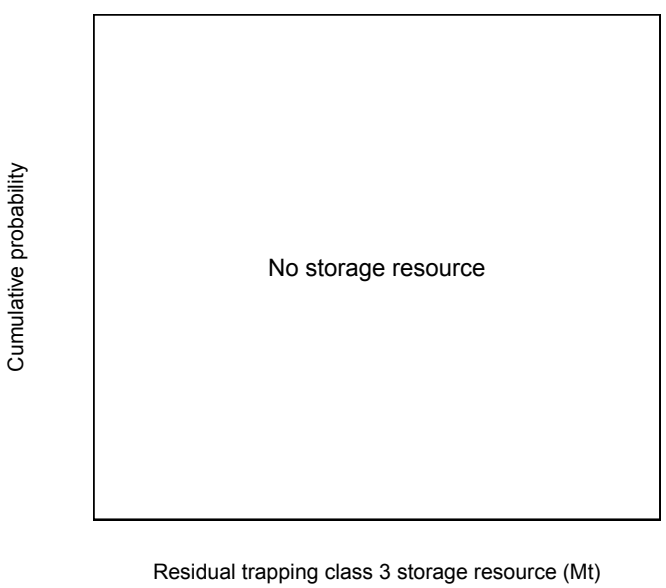




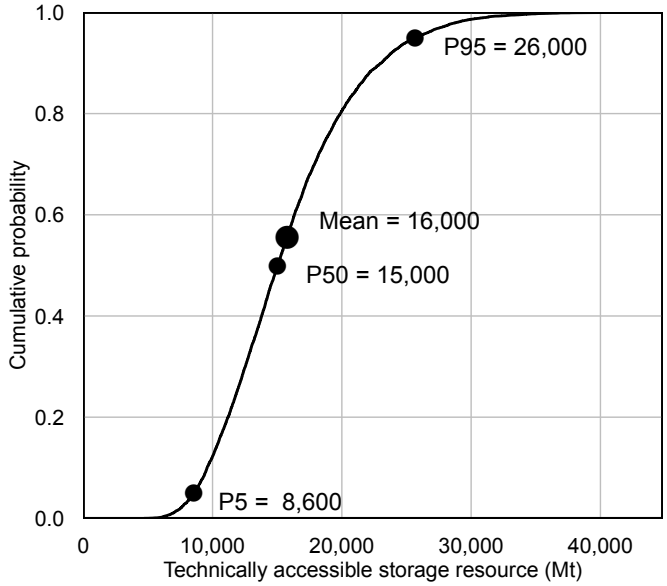


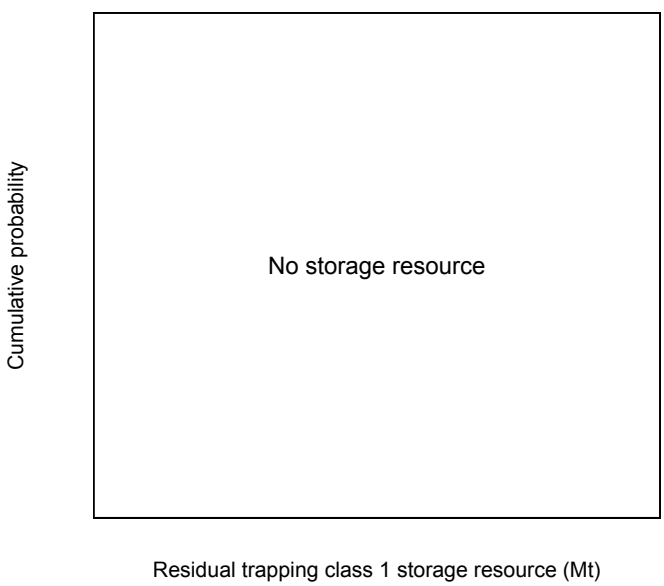


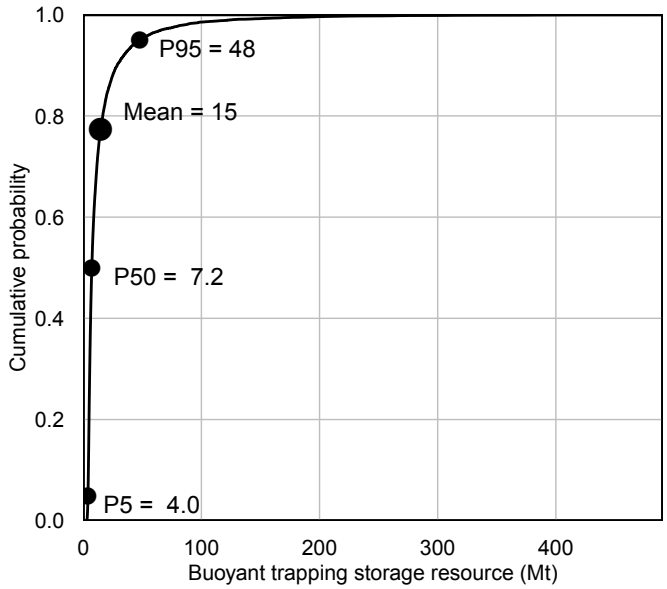


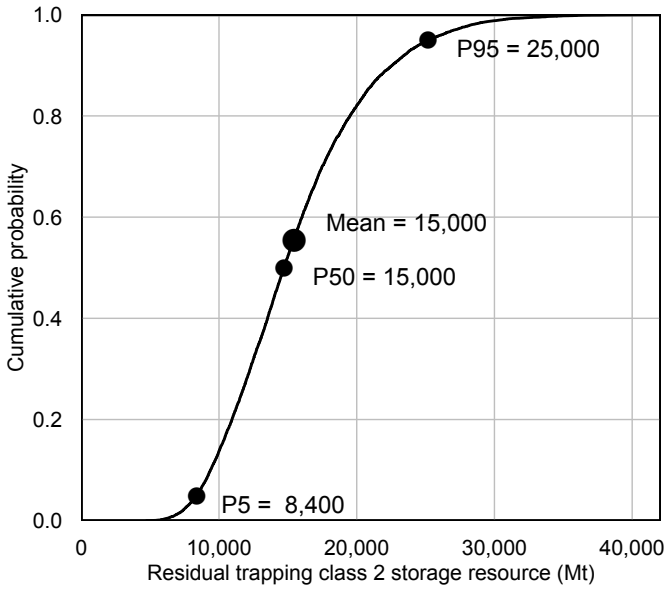


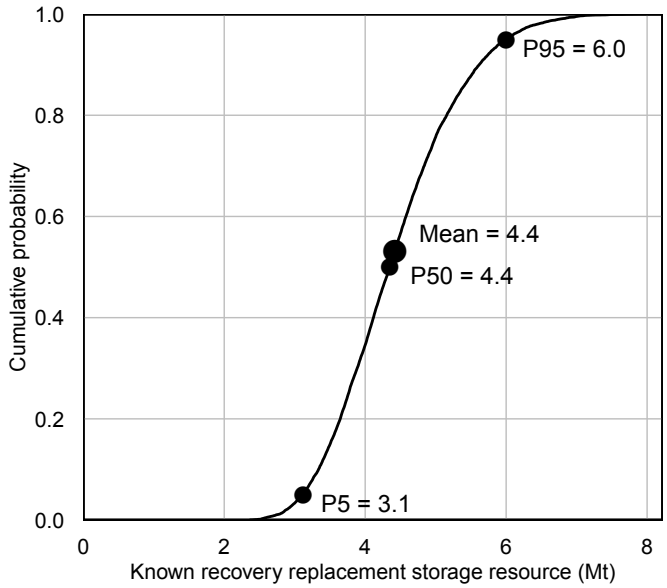
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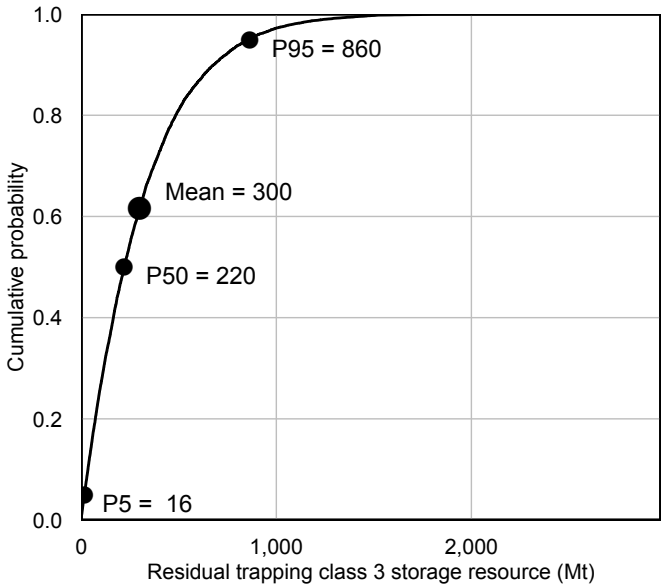




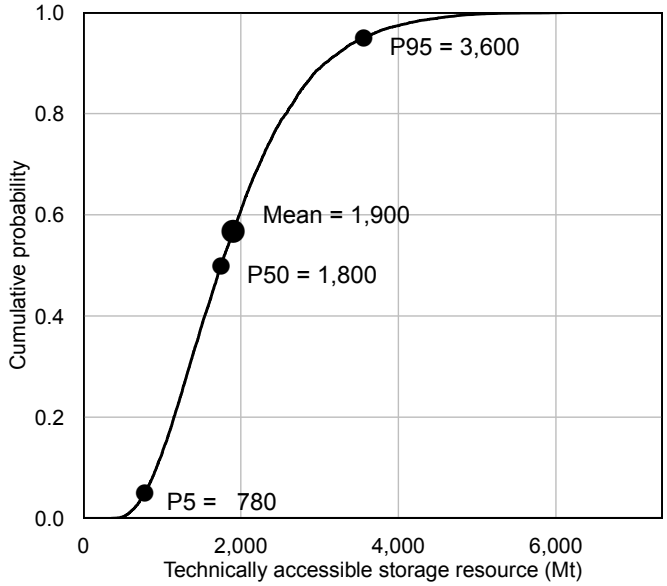


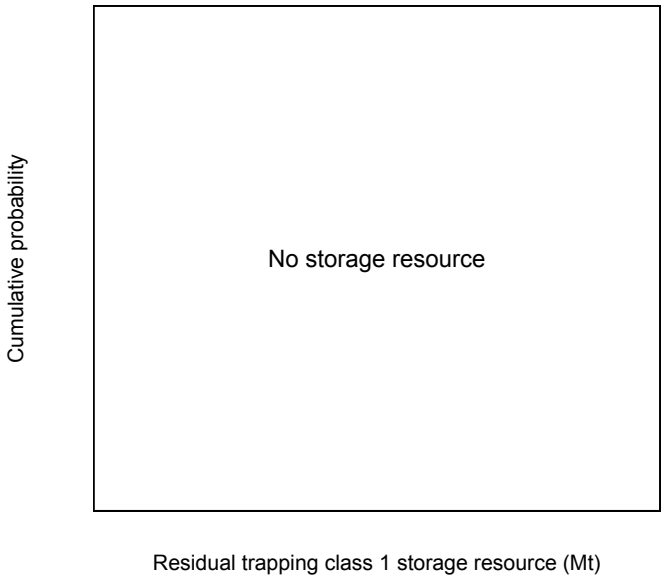


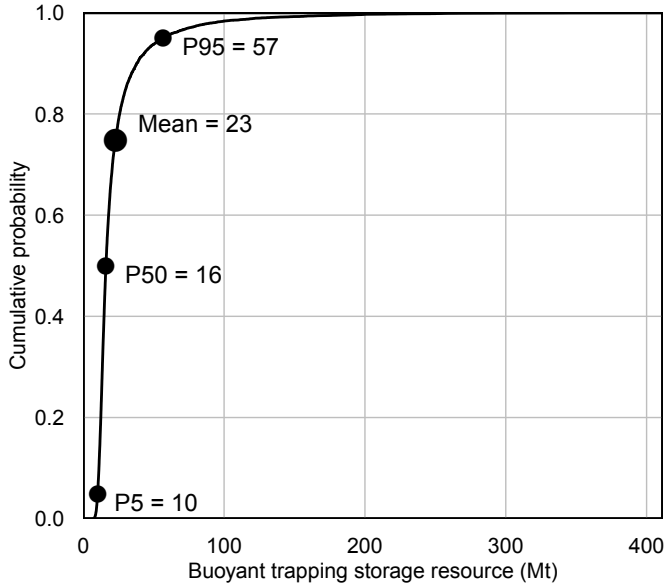


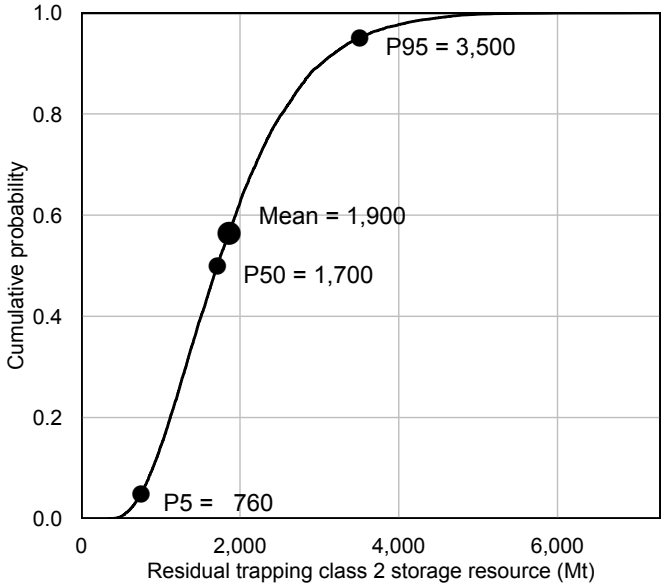


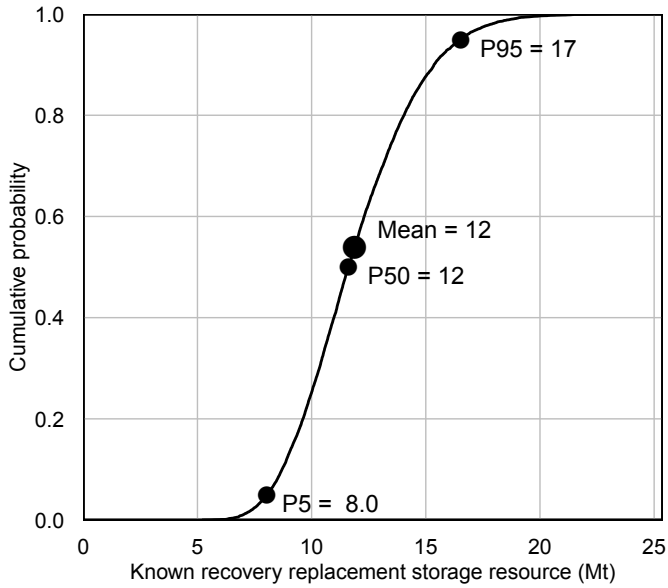
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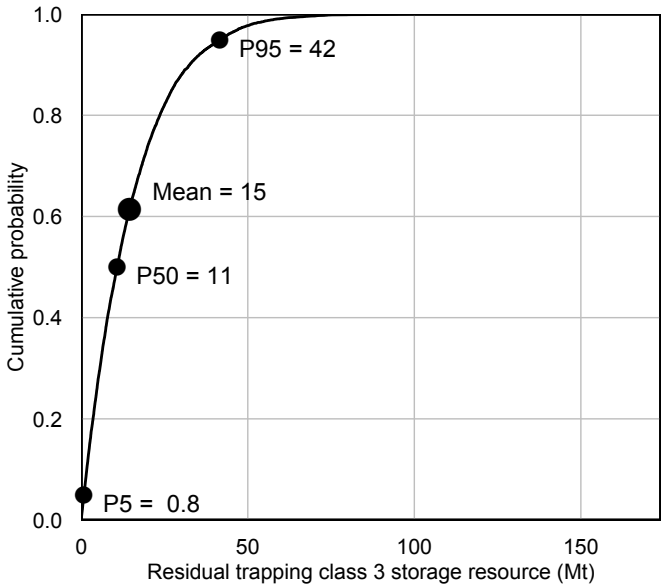




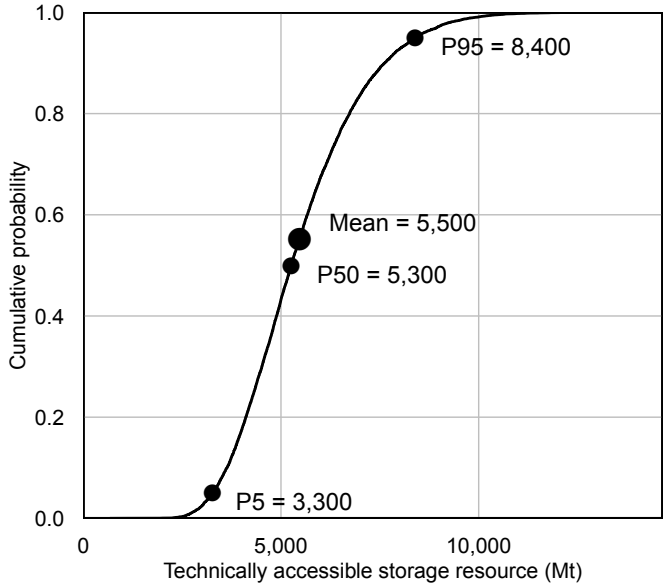


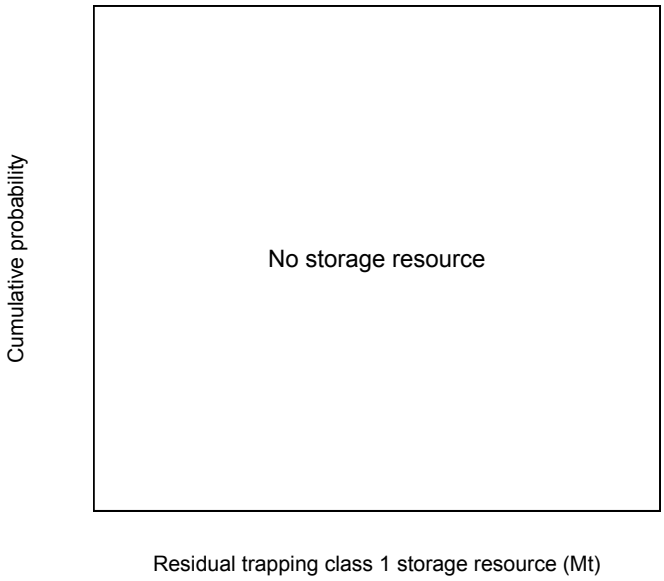


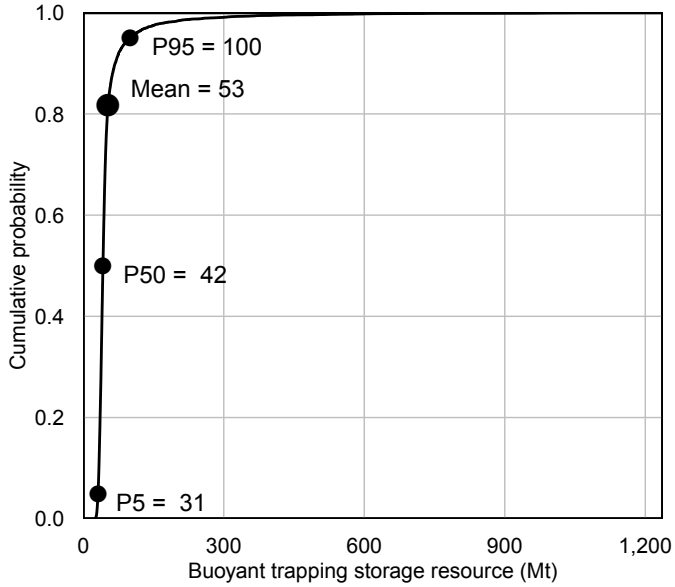


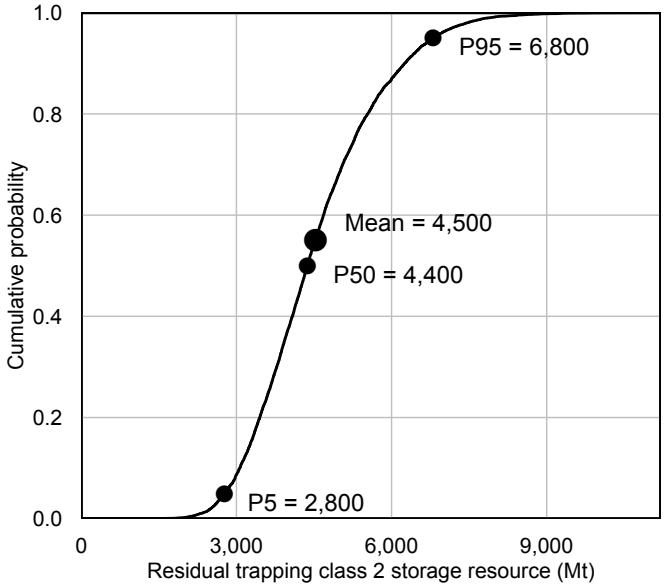


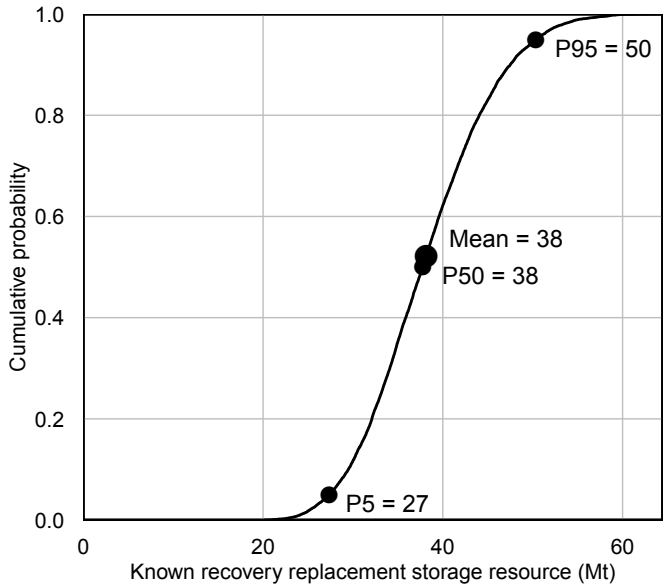
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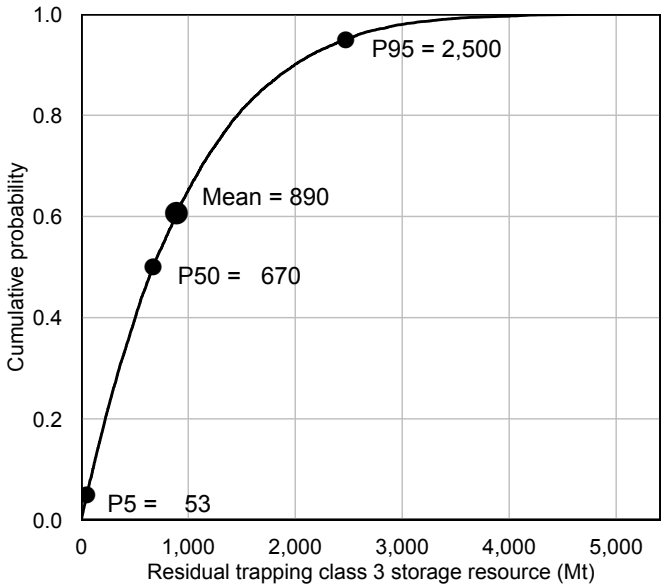




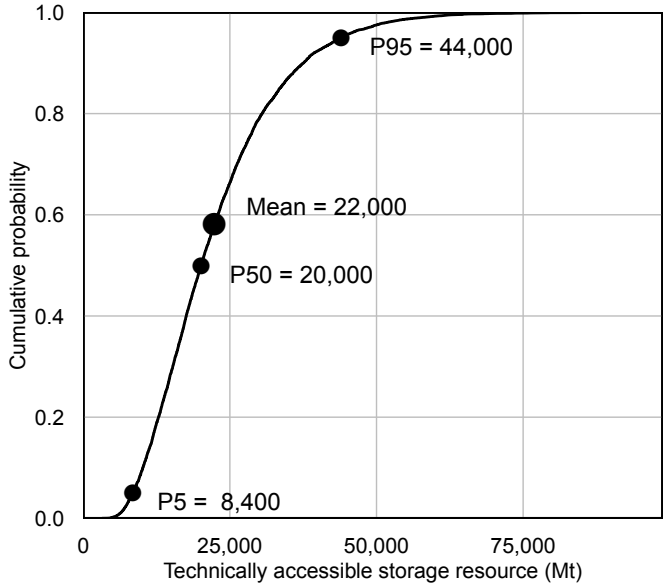


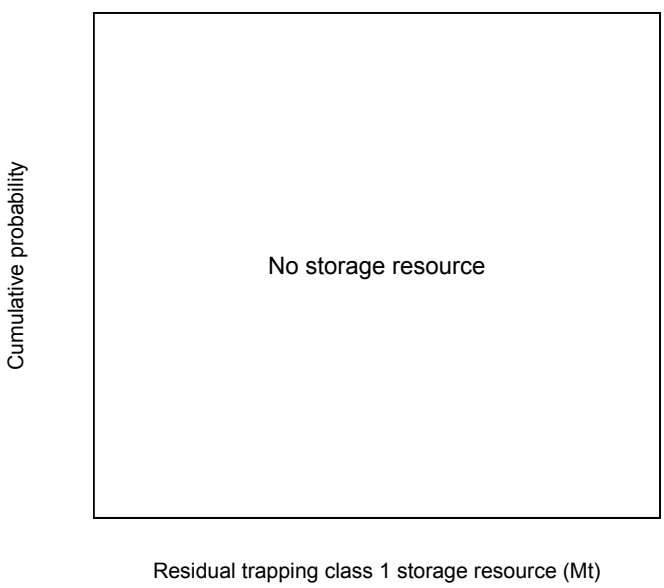


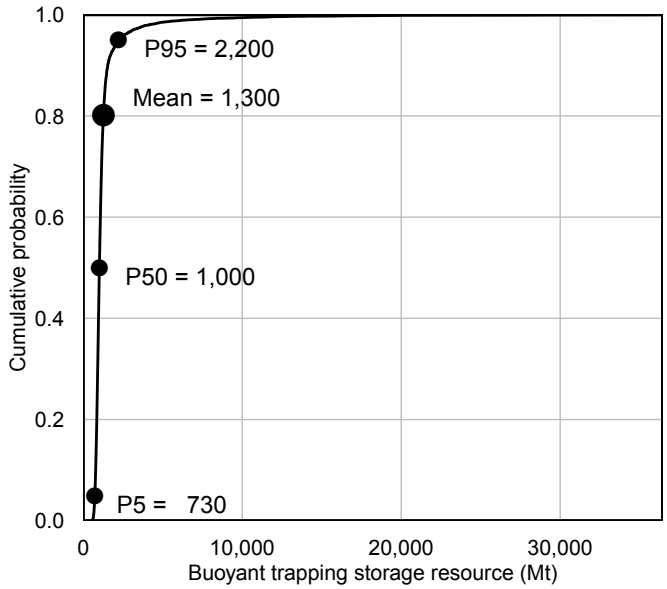


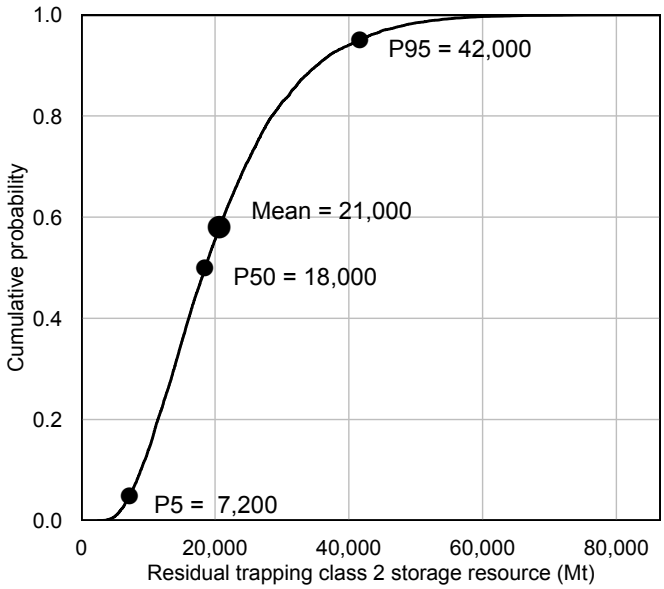


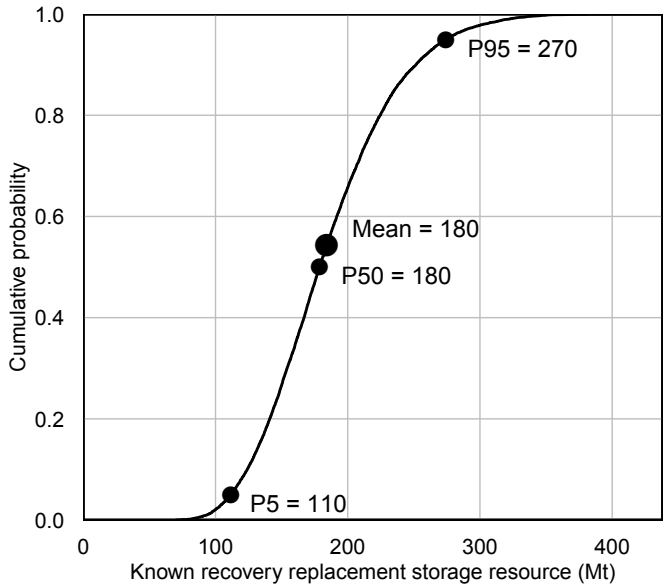
Anadarko and Southern Oklahoma Basins C50580105

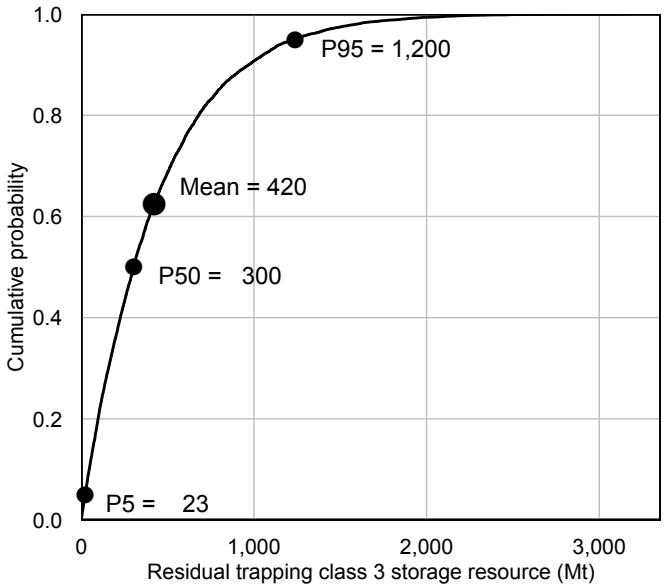




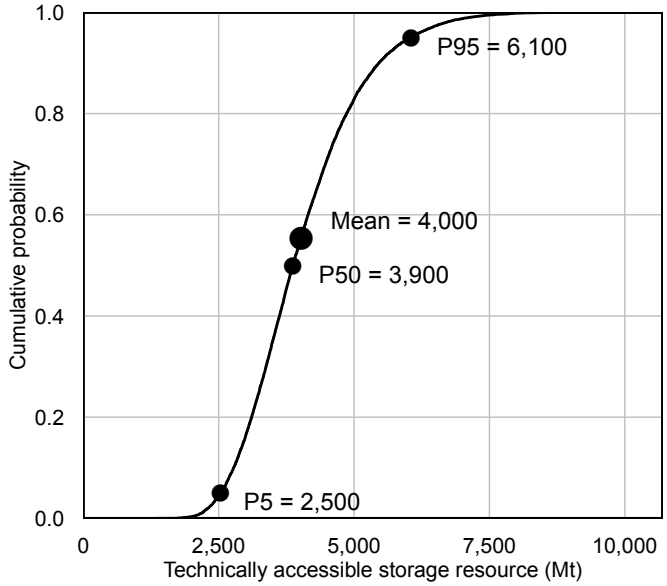


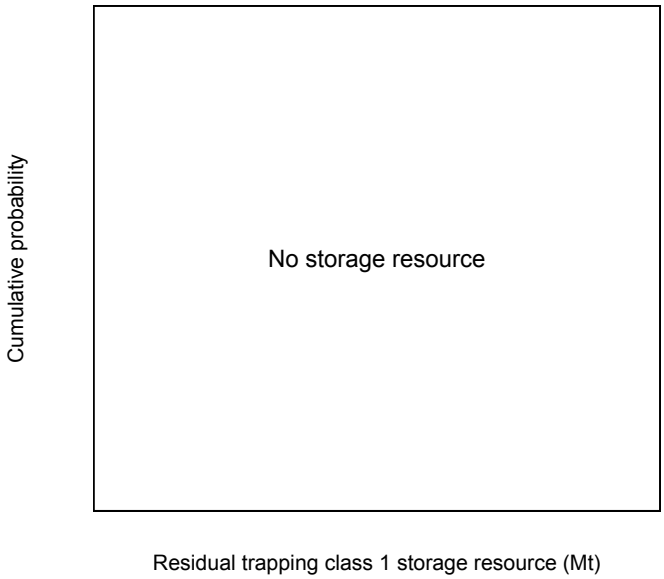


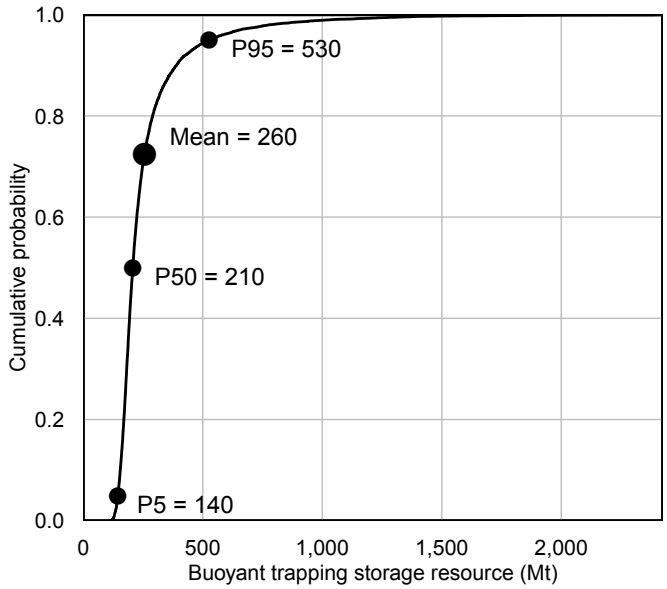


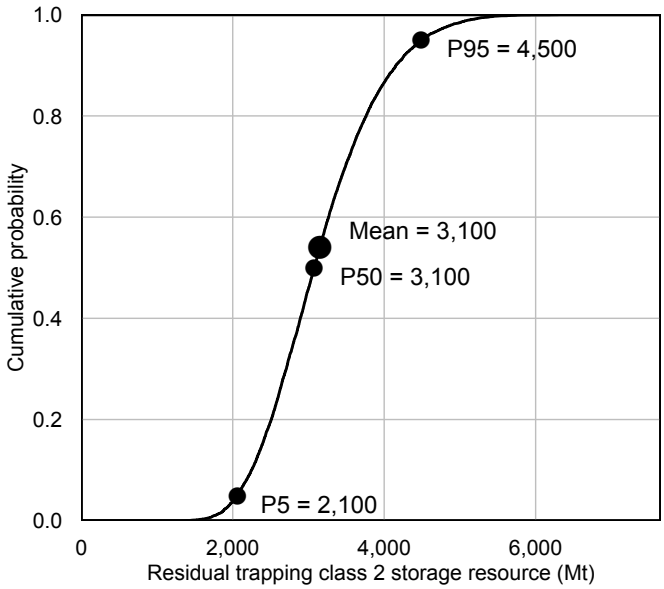


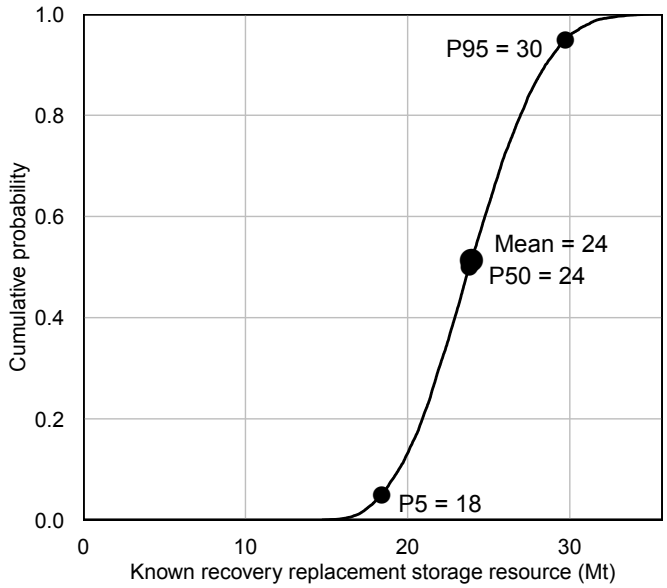
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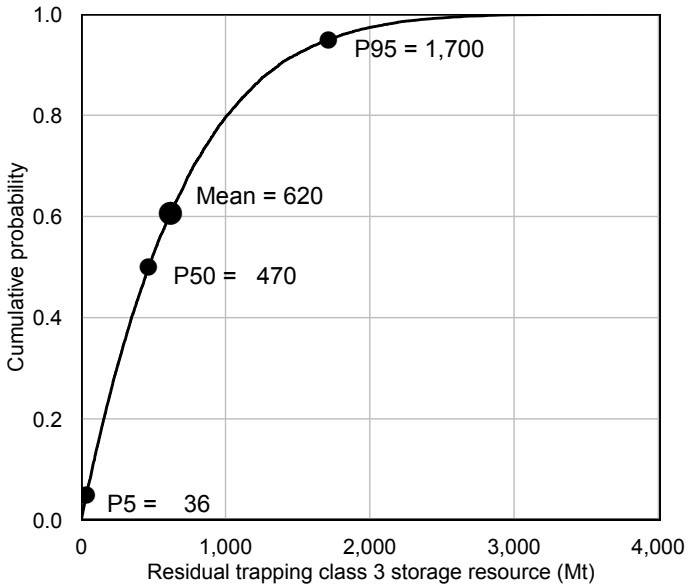




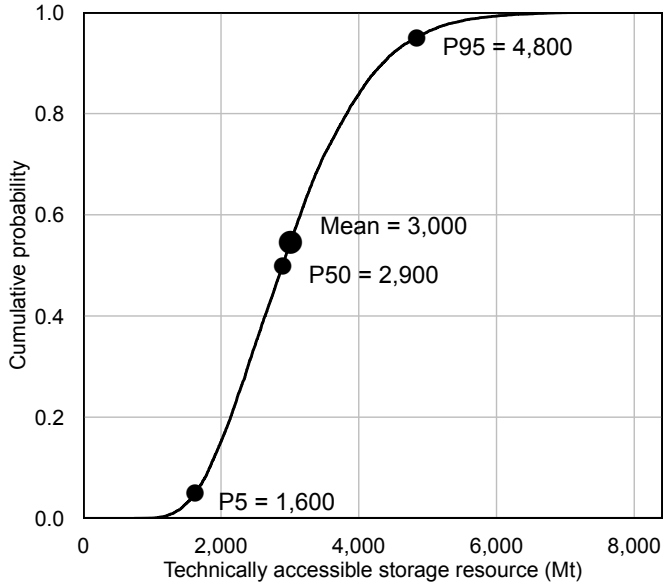


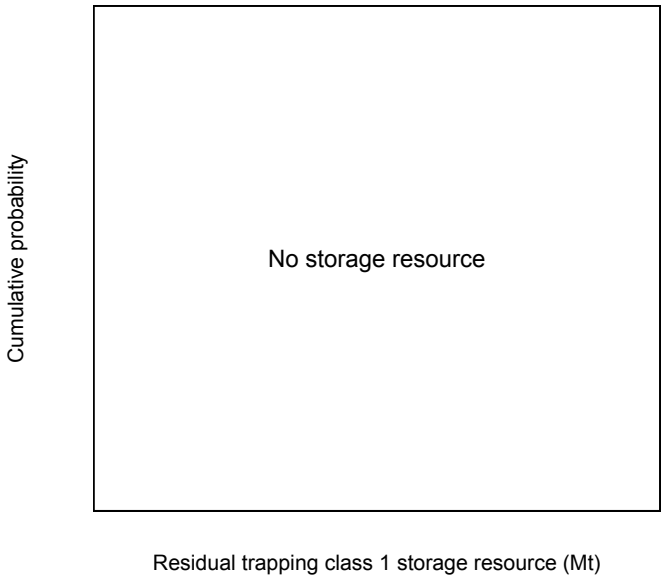


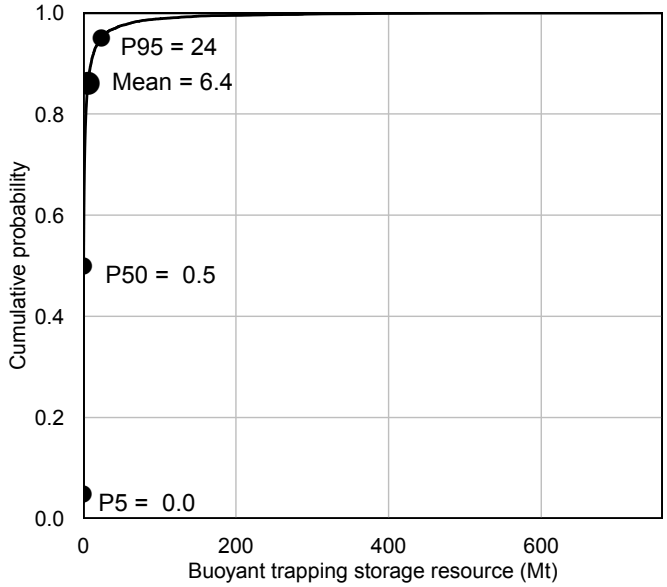


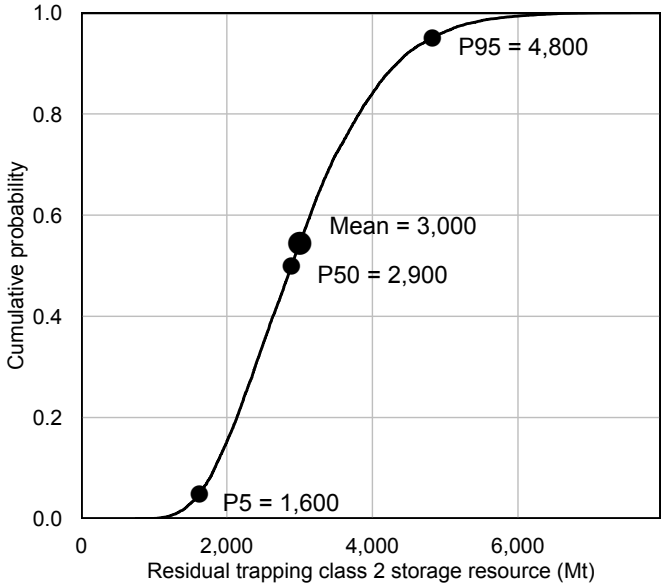


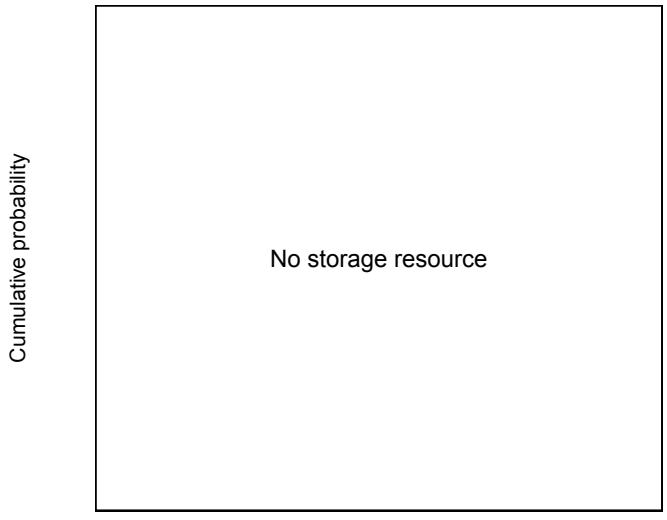
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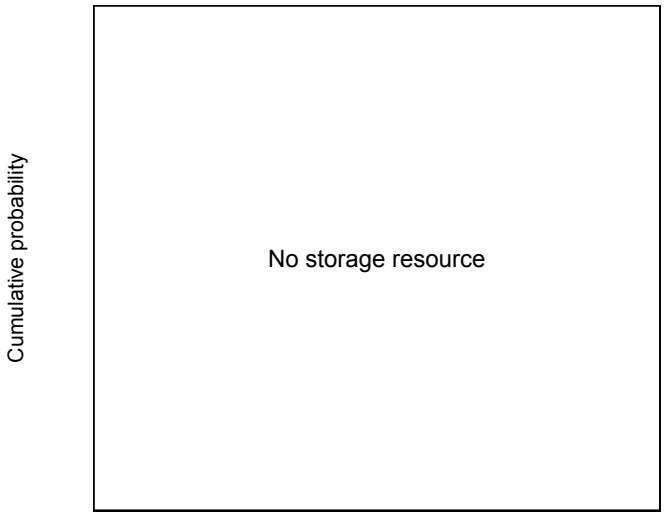




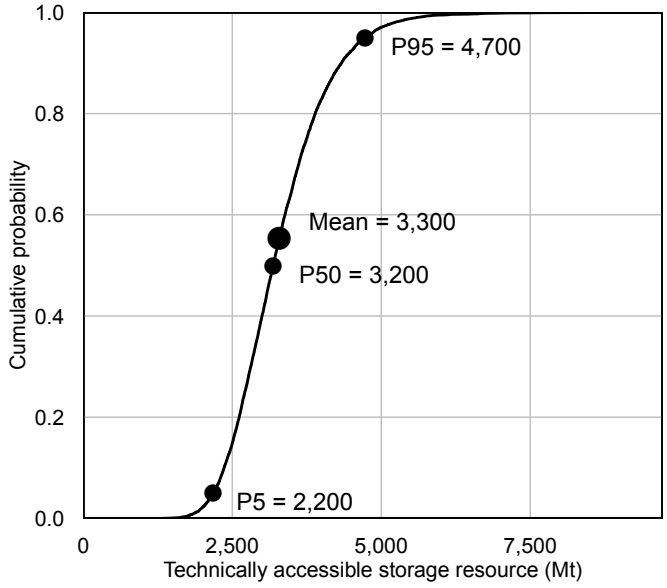


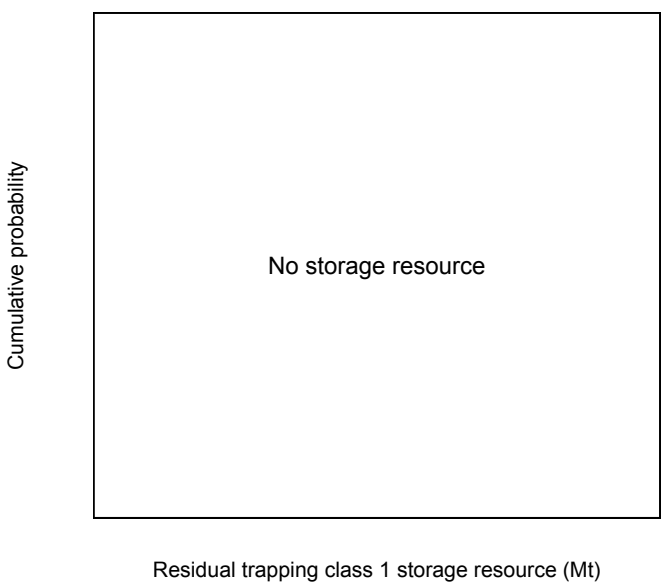


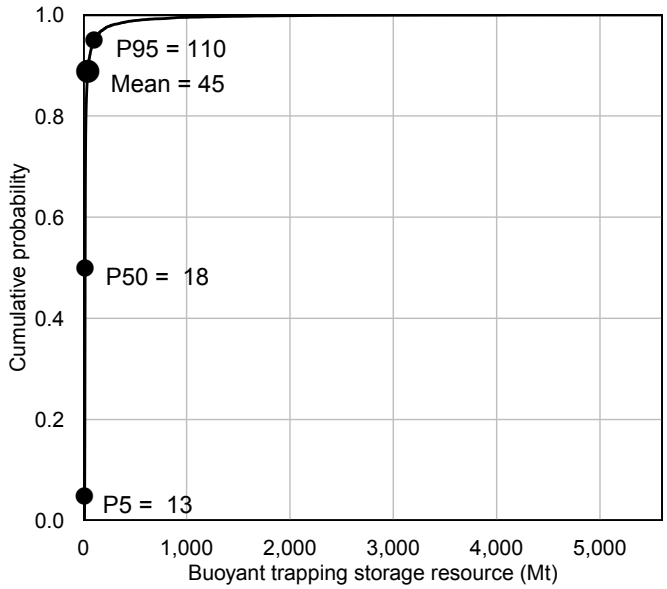


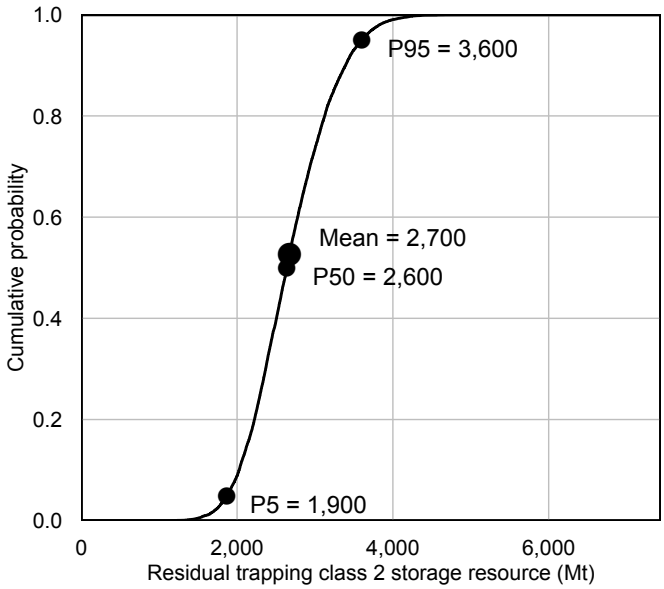


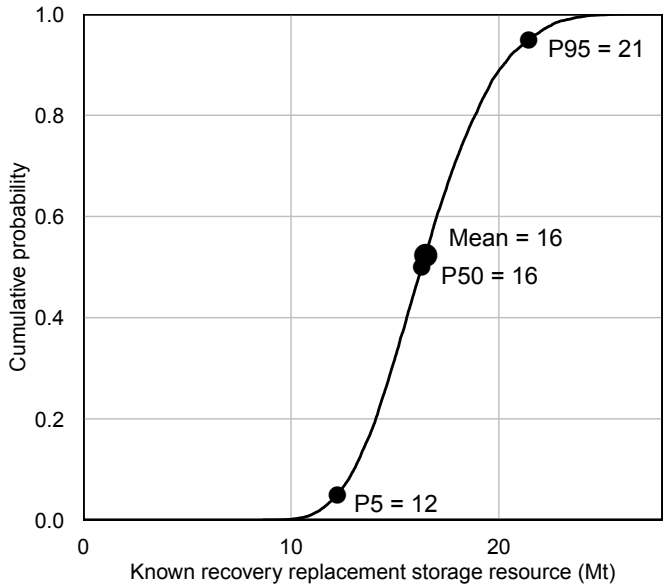
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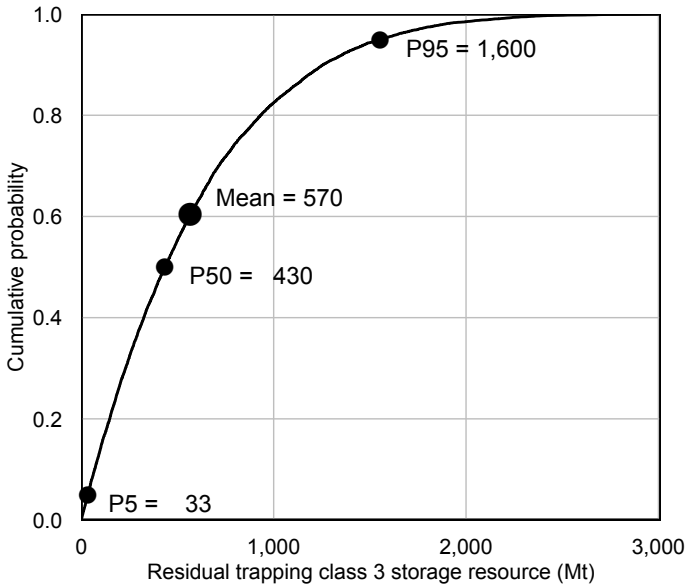




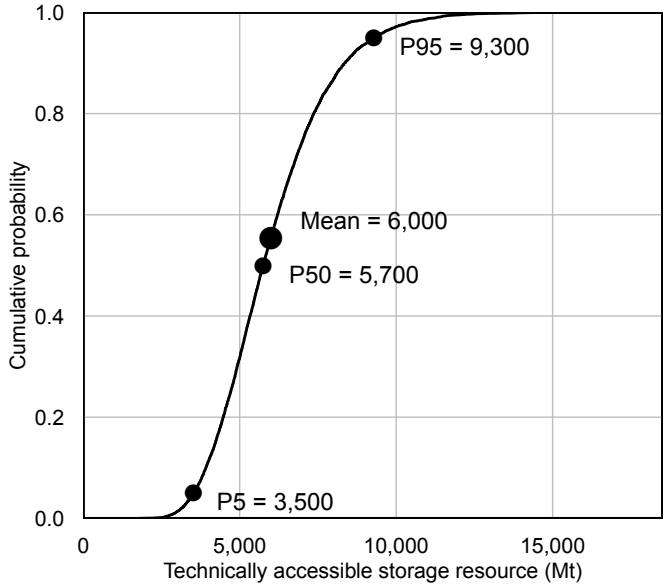


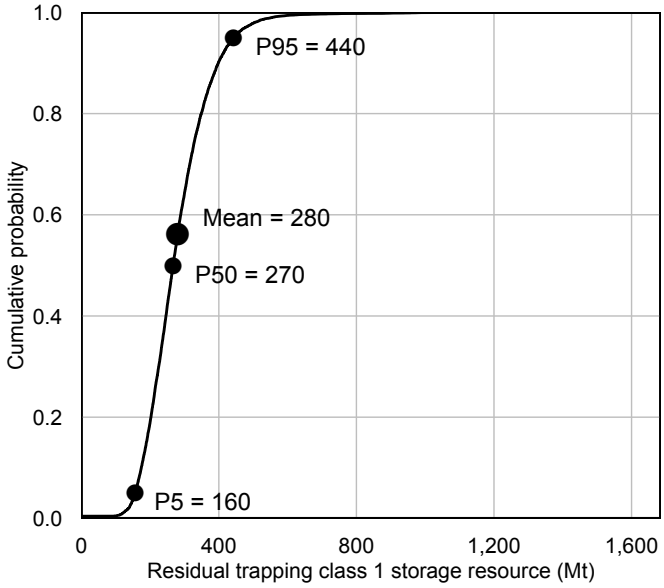


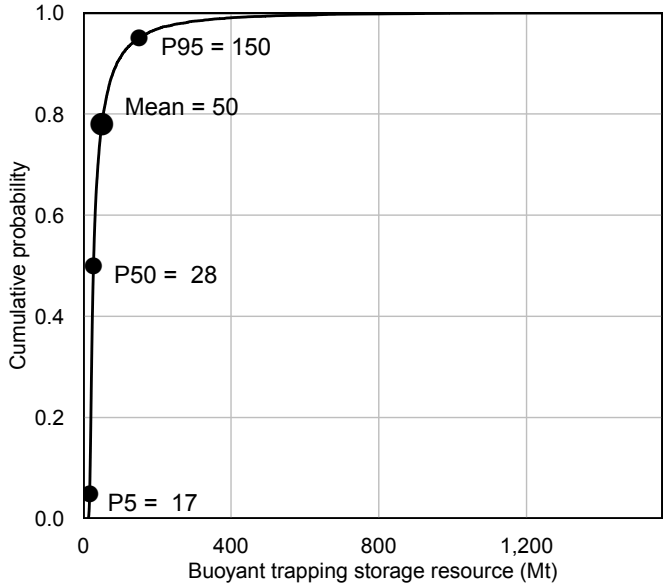


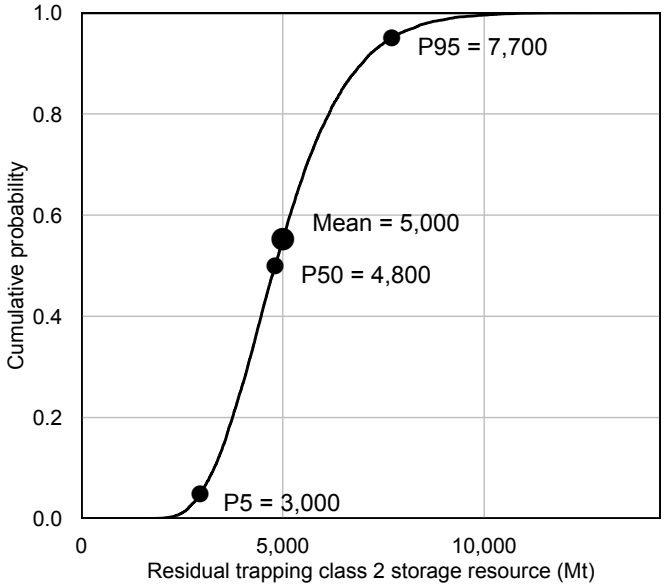


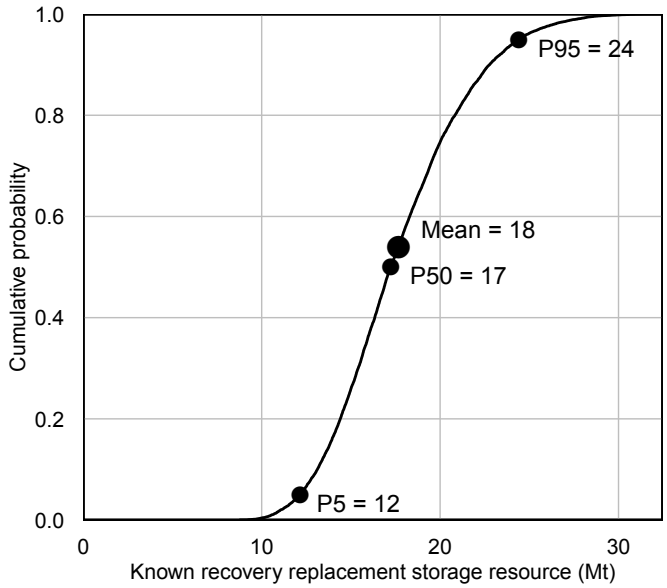
Appalachian Basin C50670101

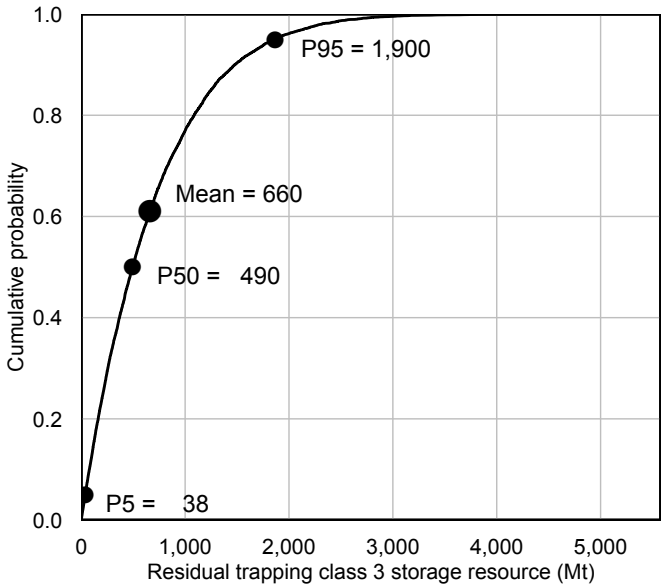




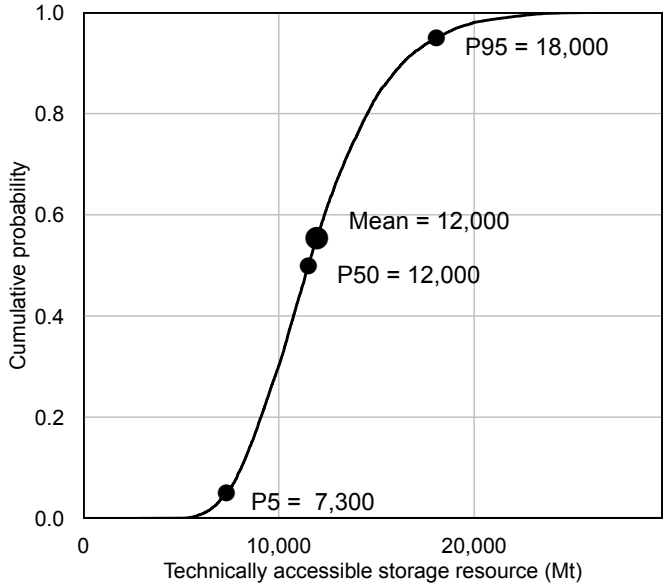


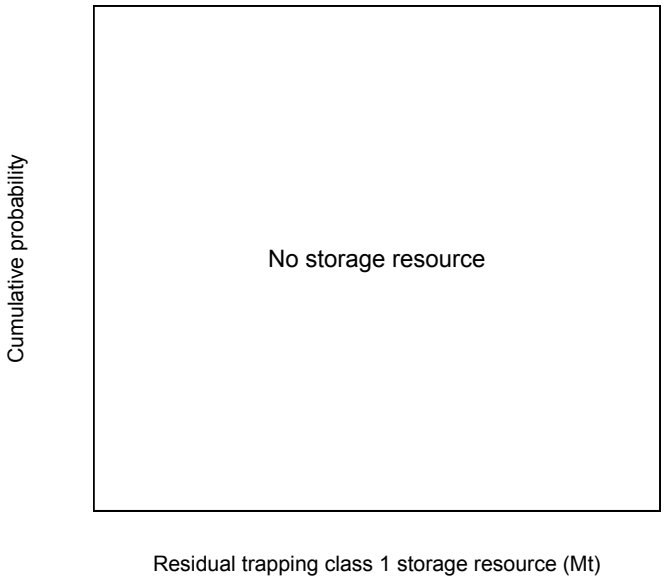


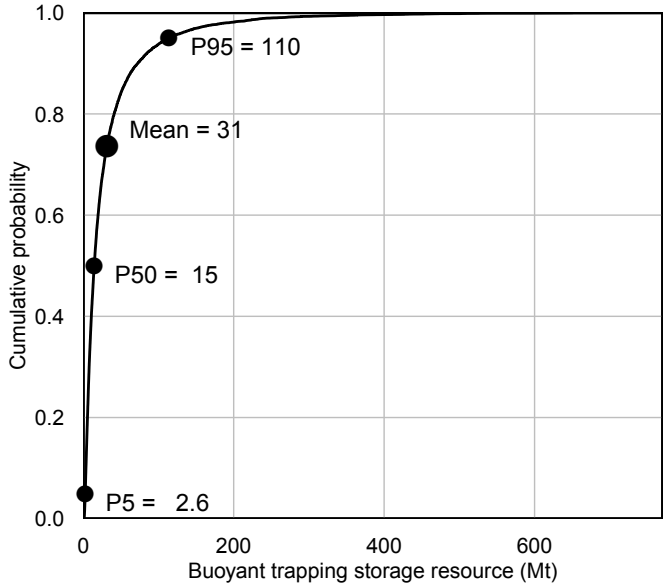


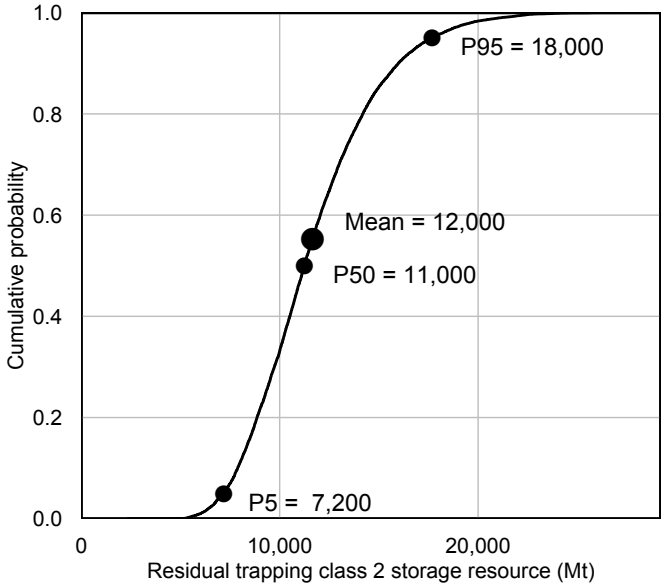


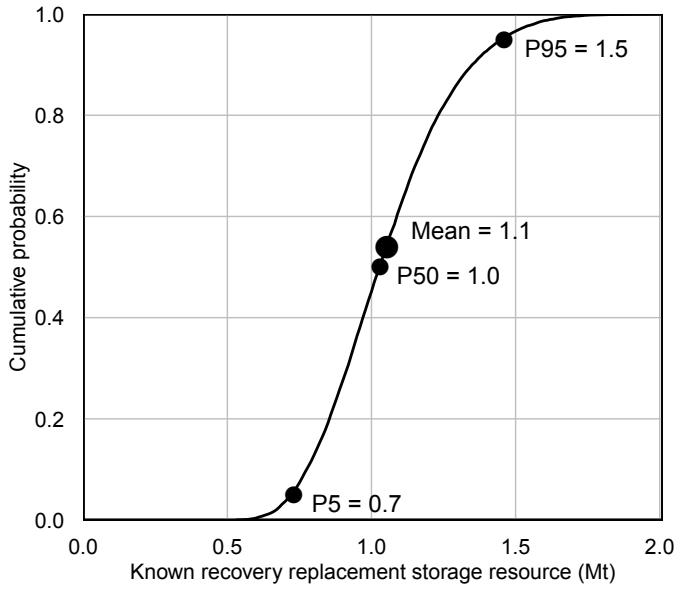
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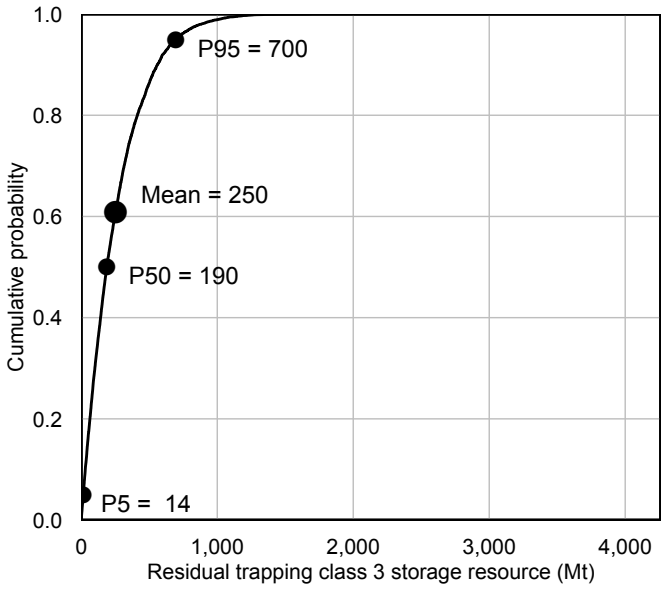




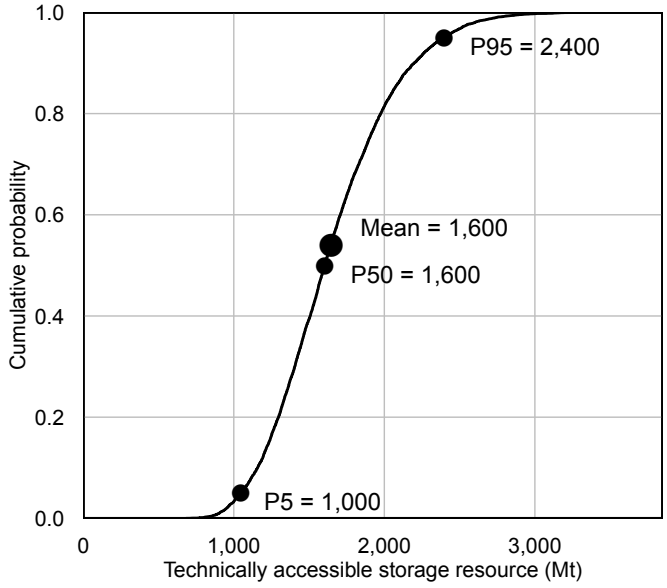


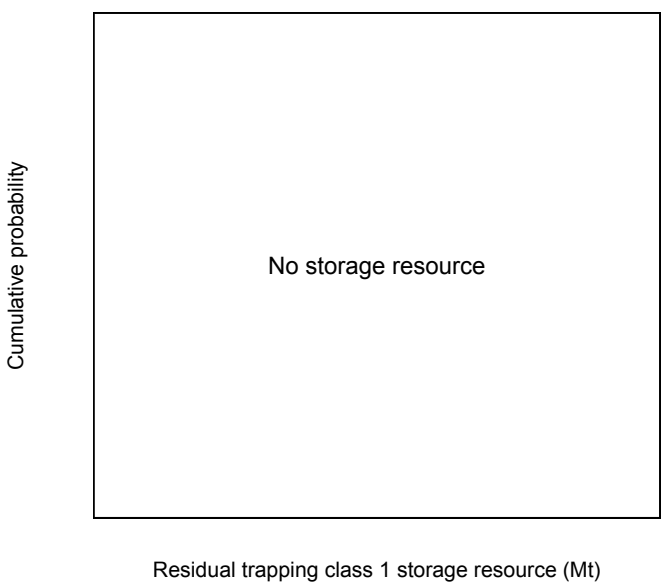


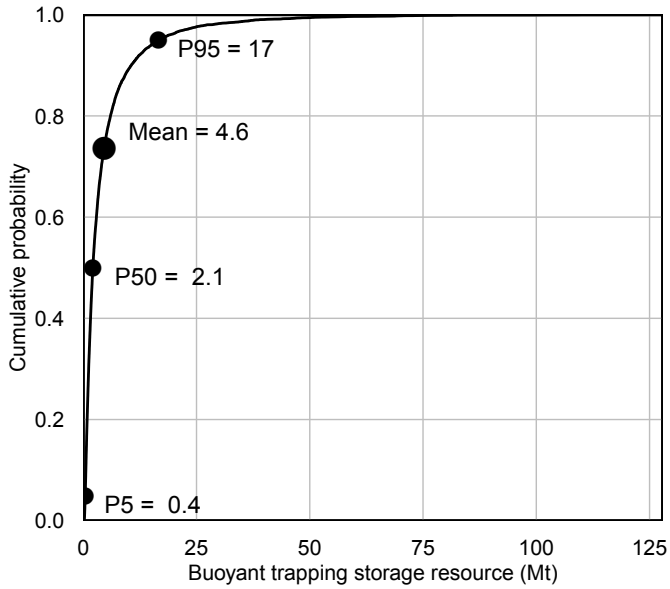


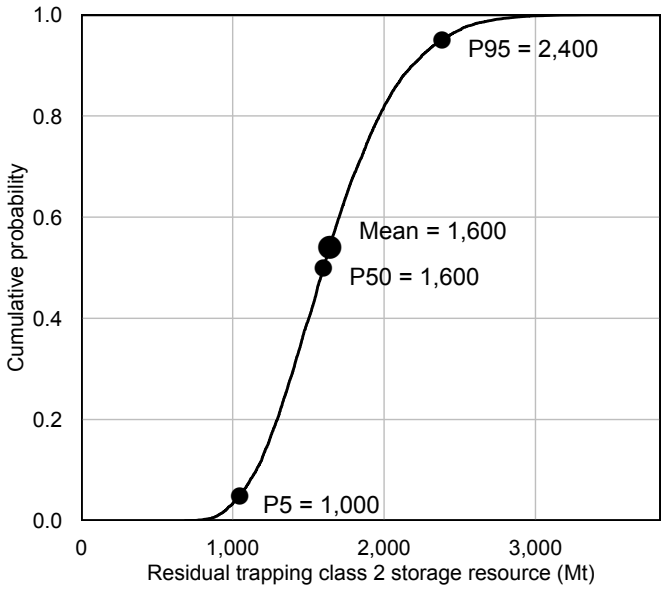


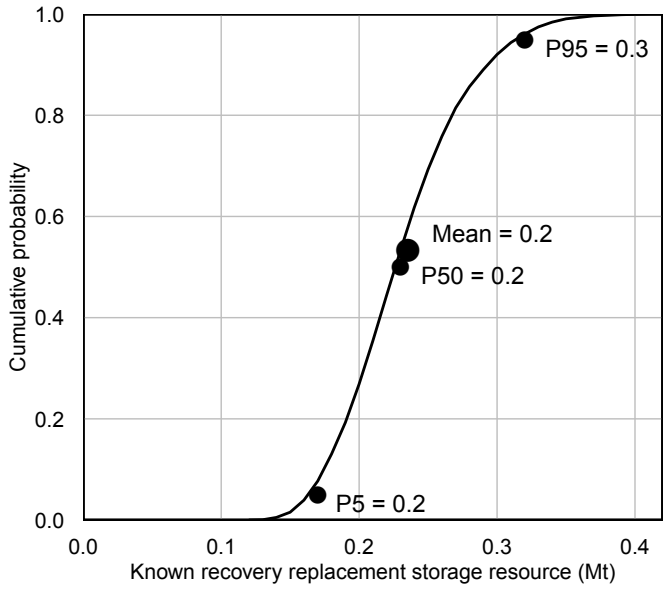
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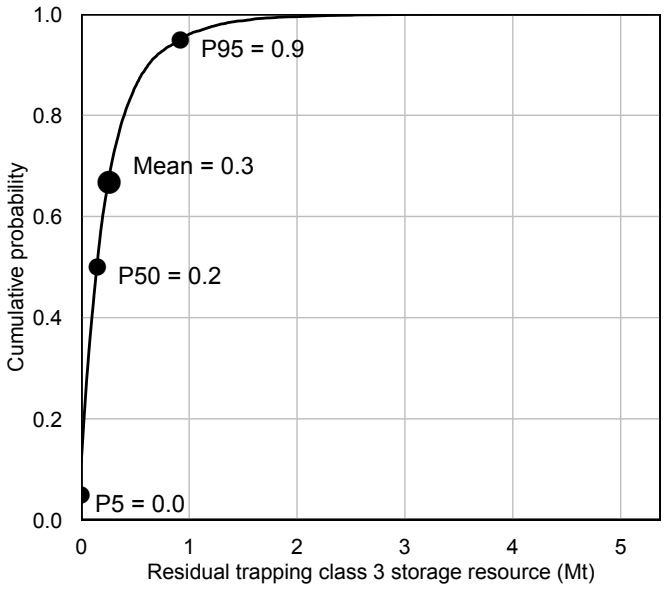




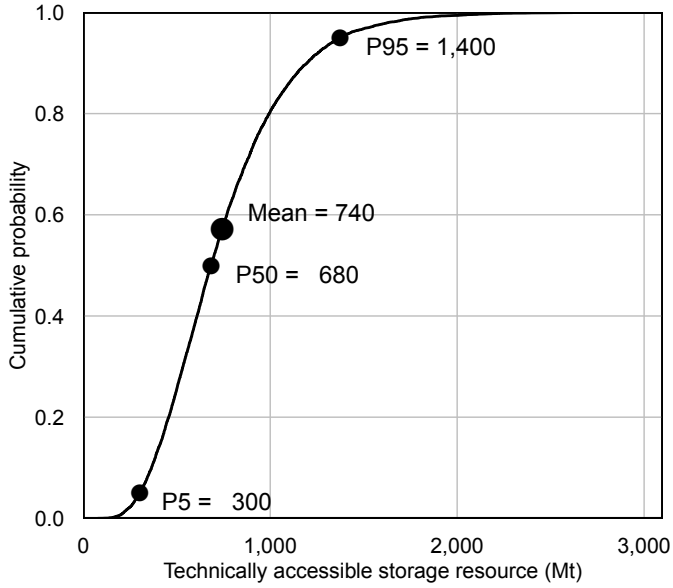


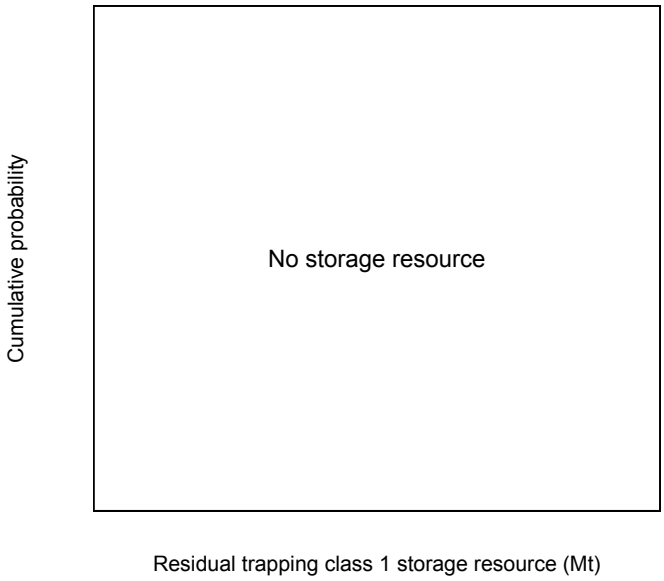


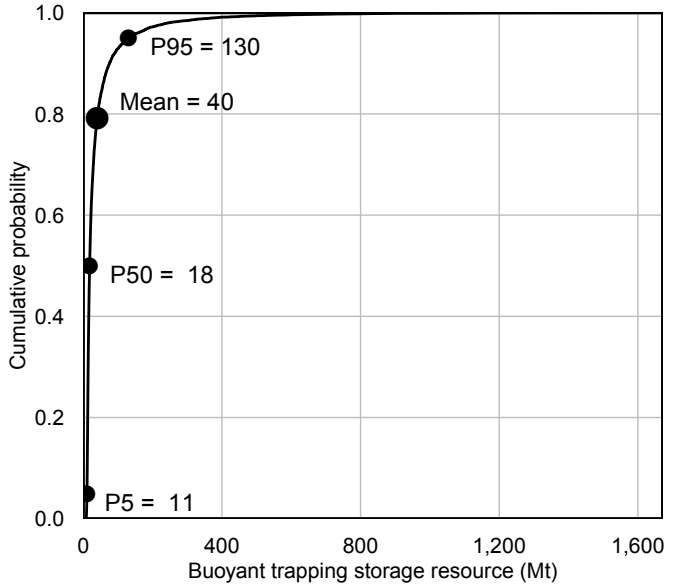


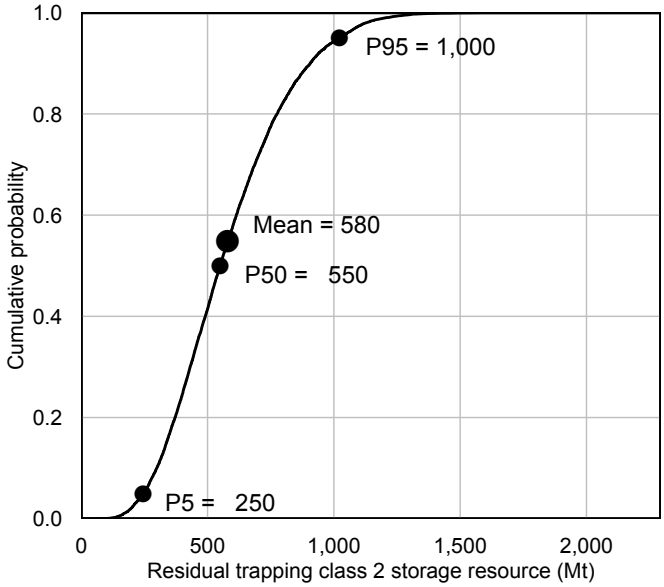


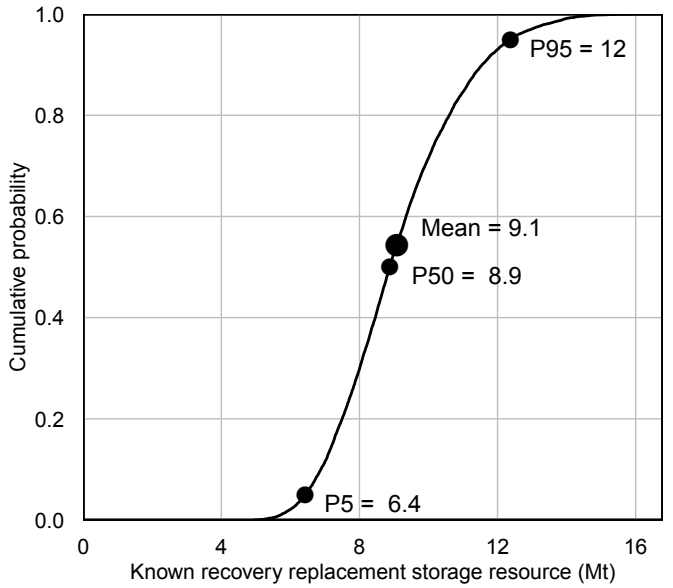
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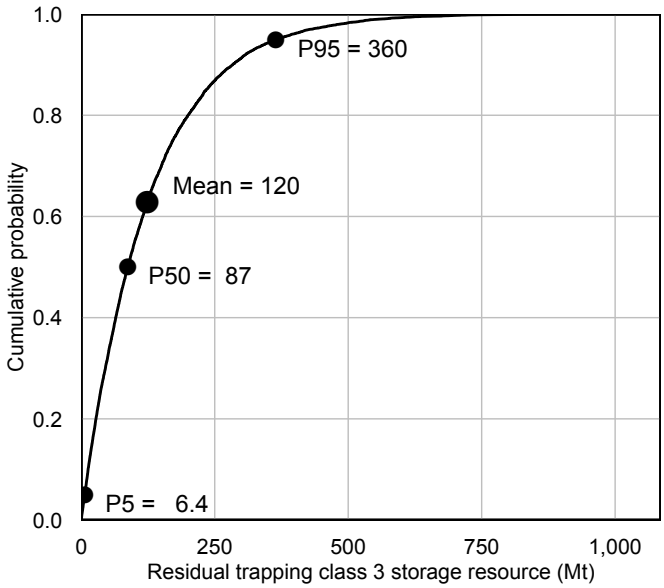




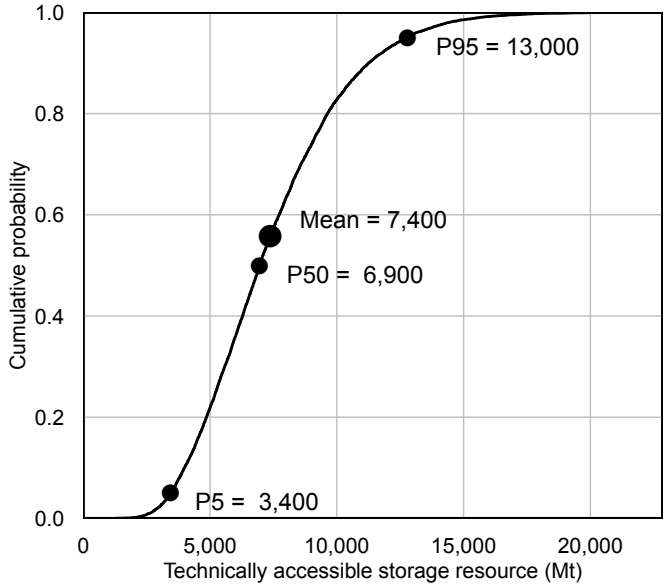


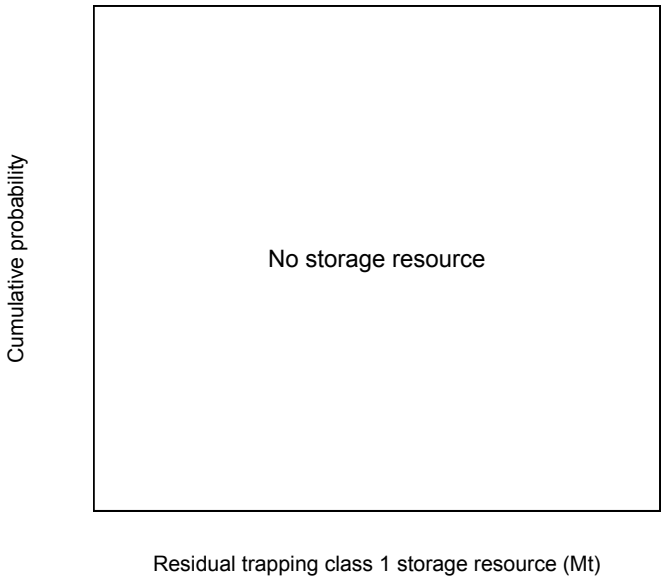


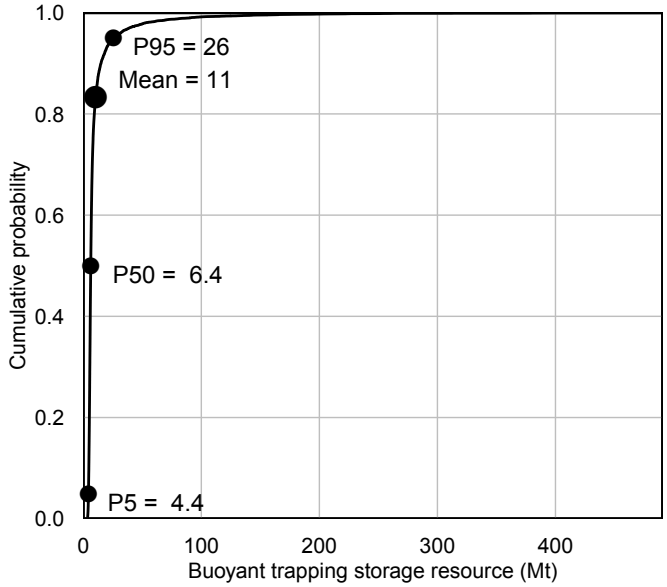


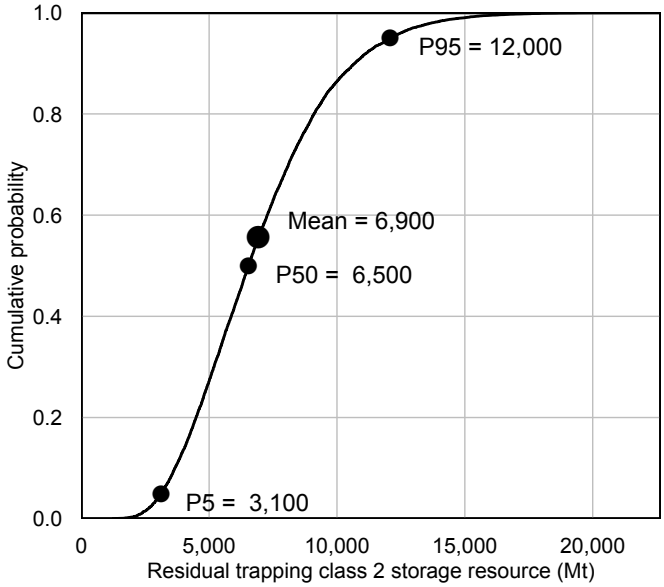


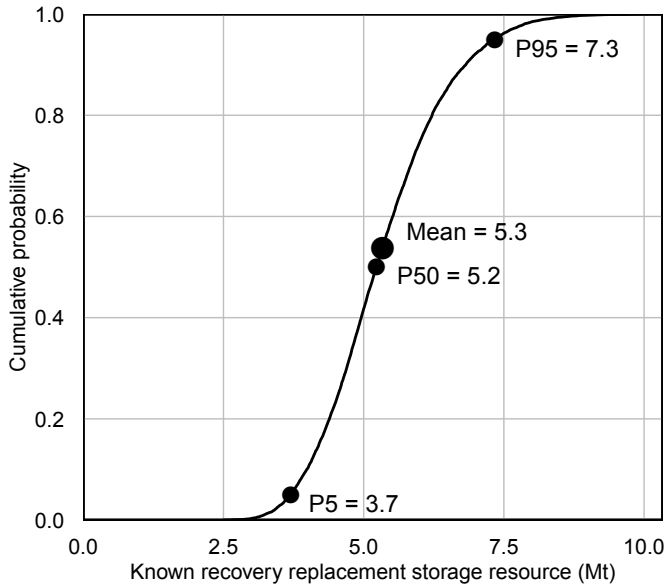
Arkoma Basin C50620101

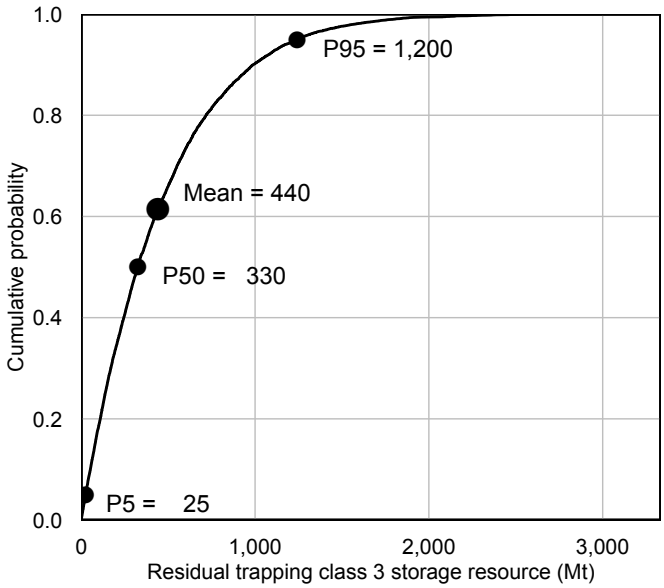




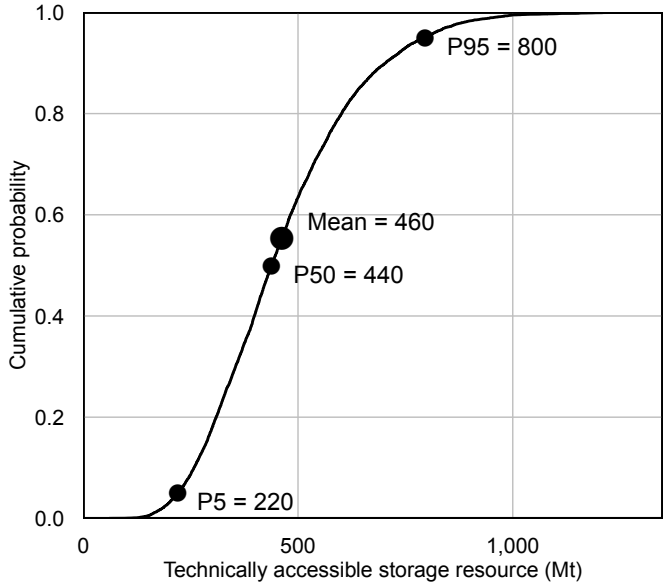


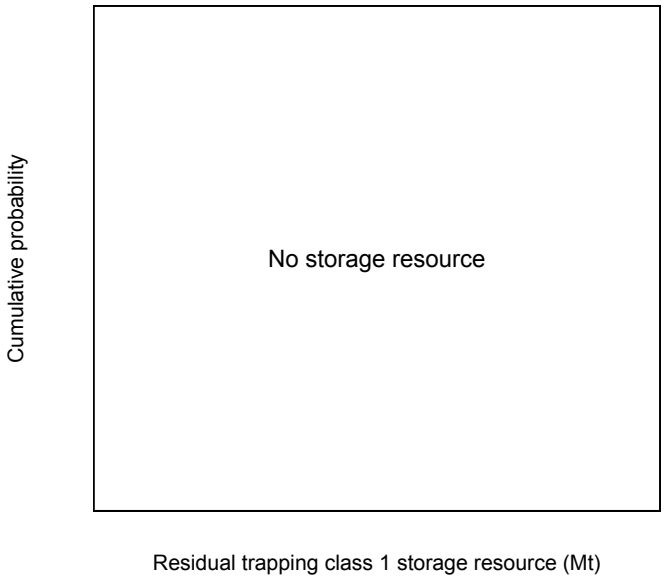


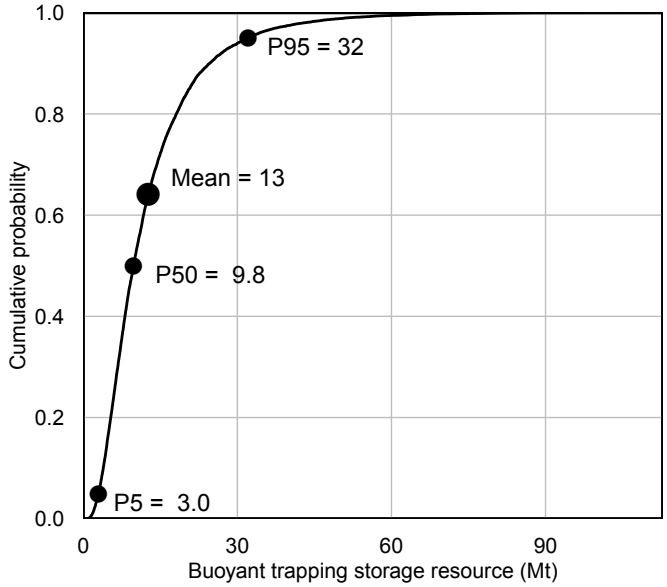


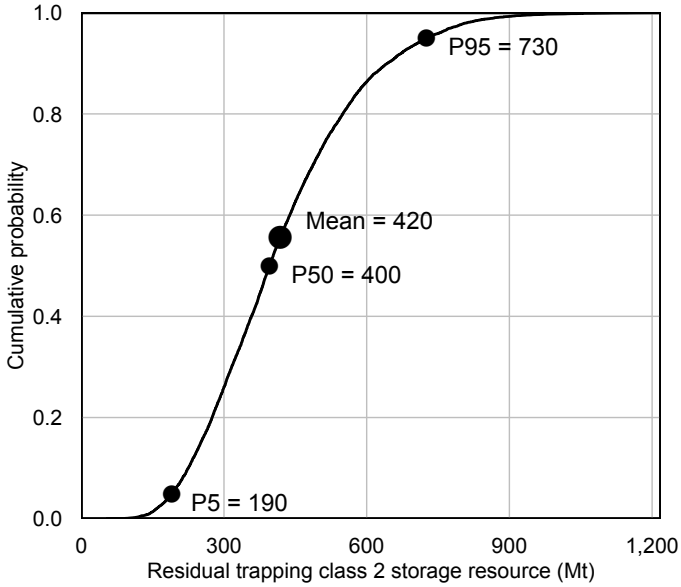


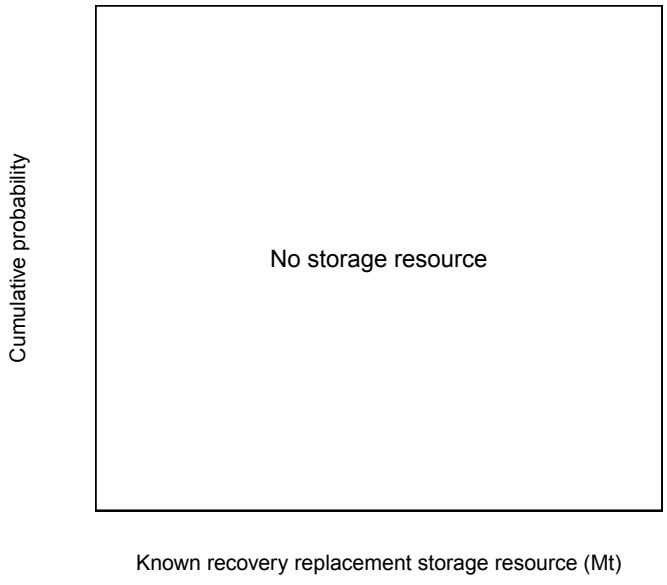
Arkoma Basin C50620102

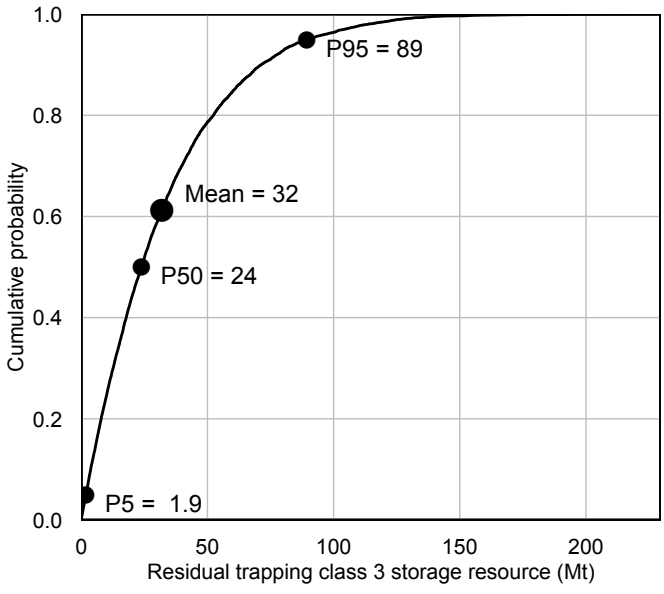




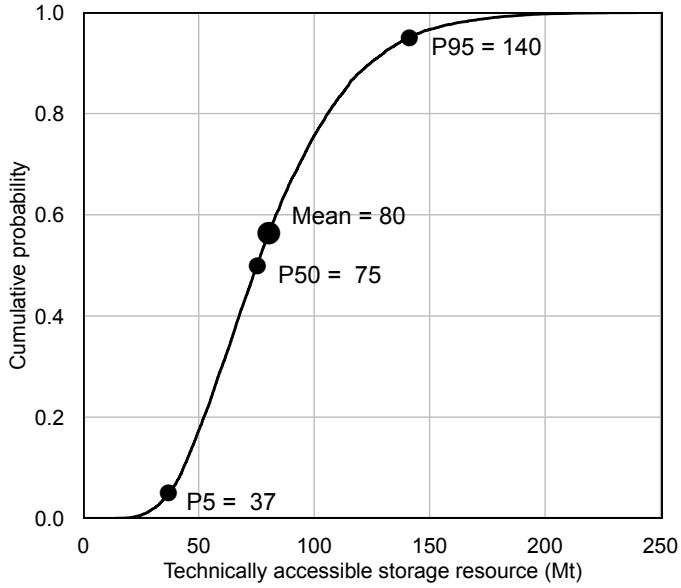


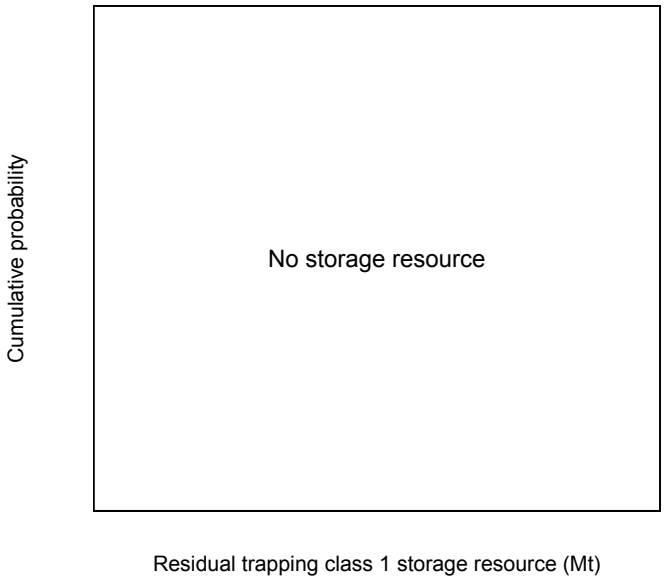


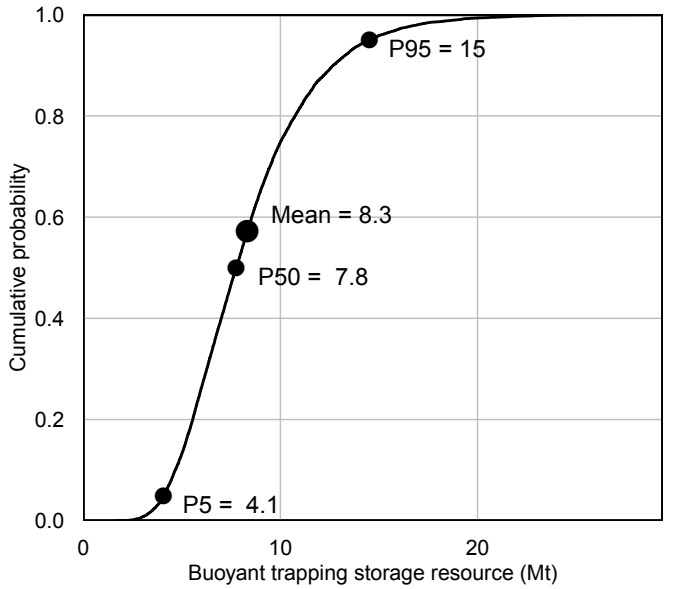


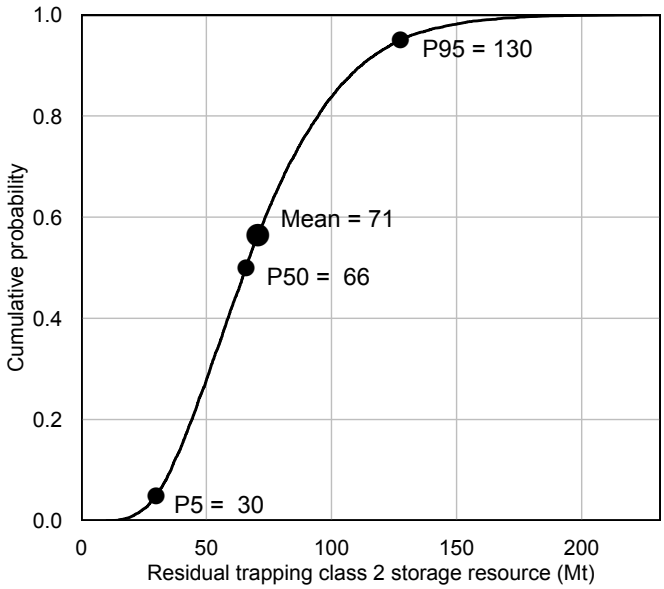


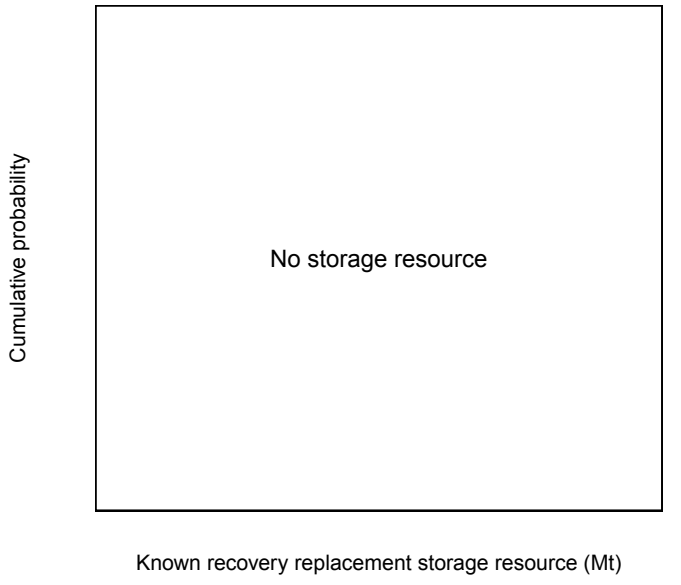
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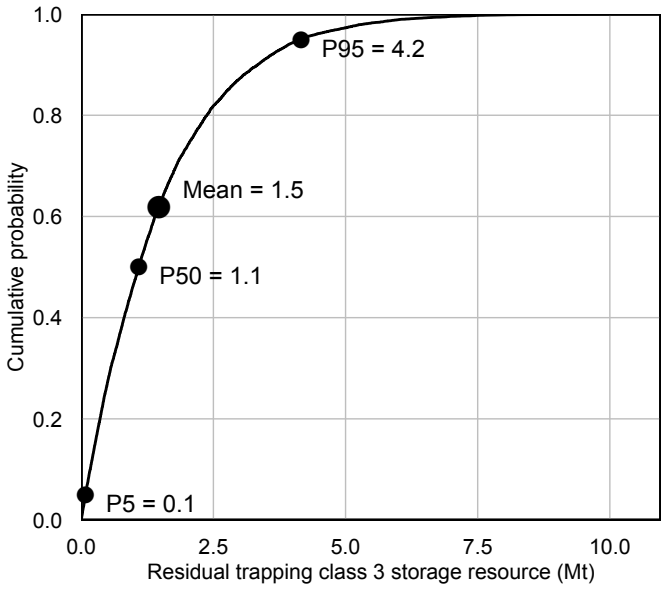




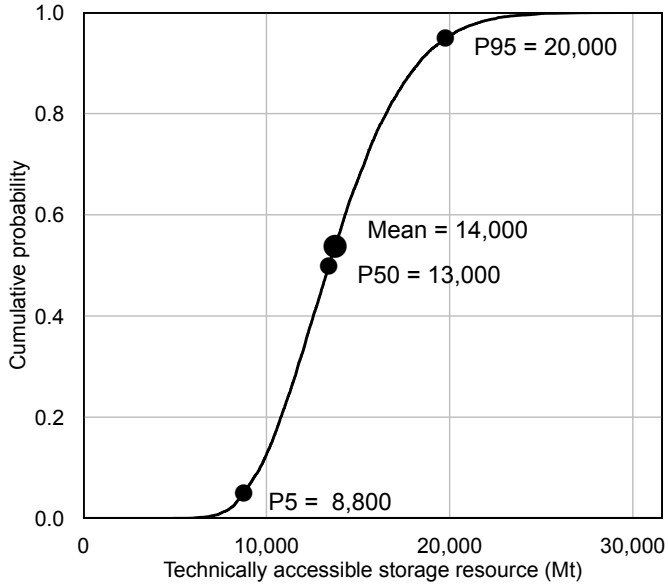


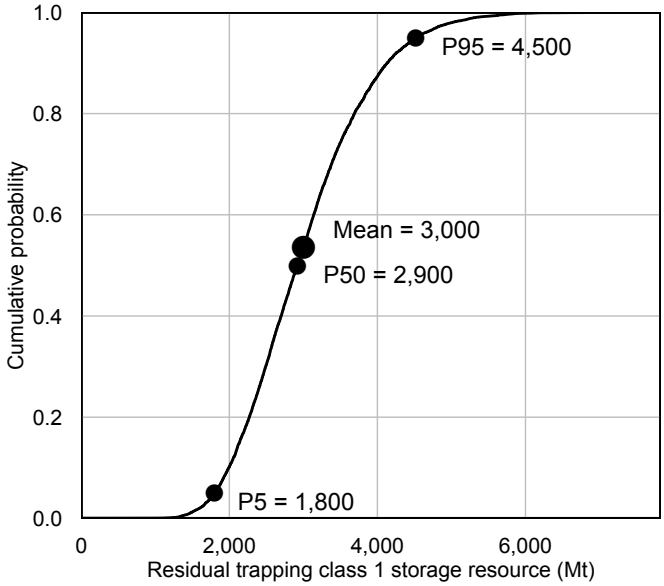


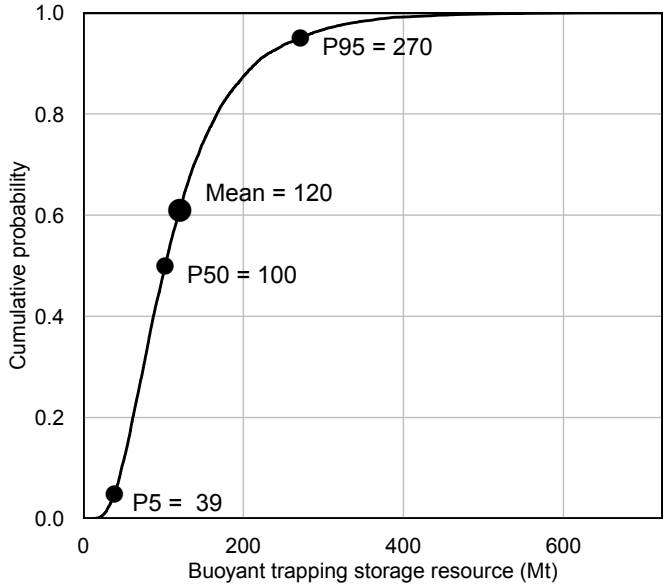


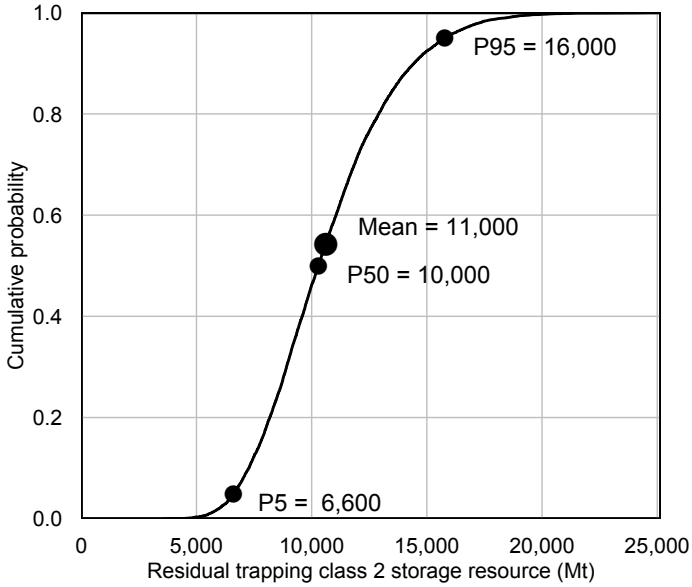


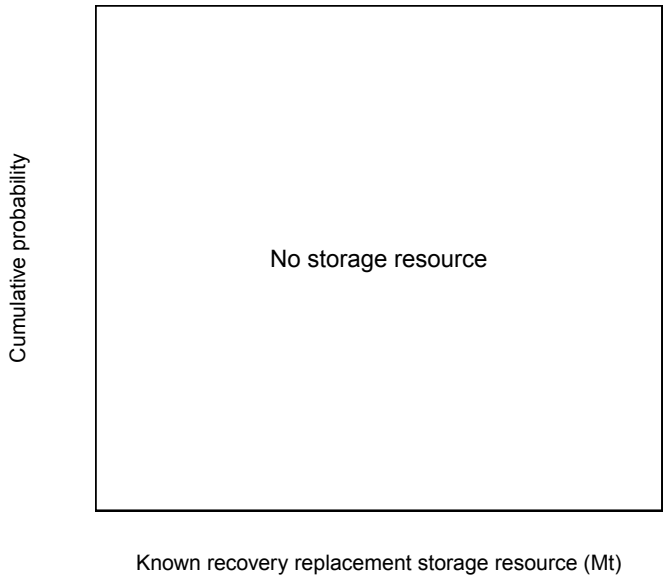
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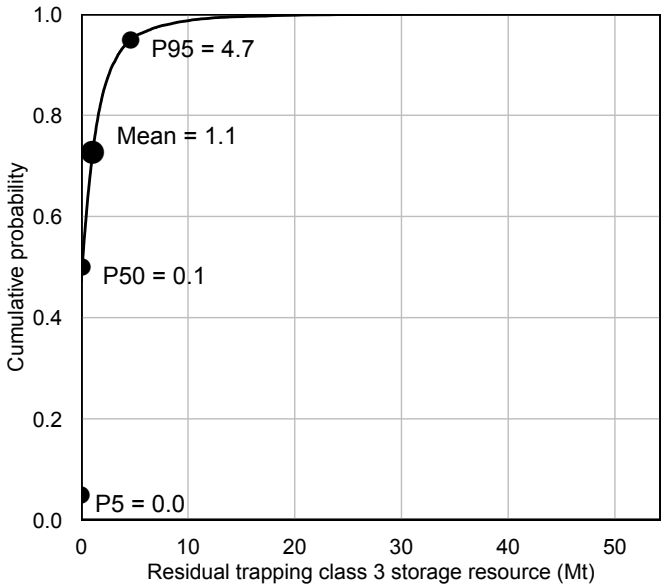




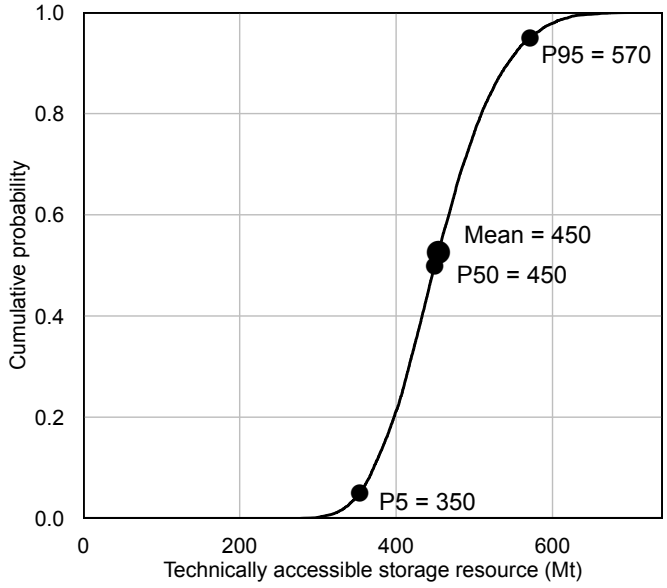


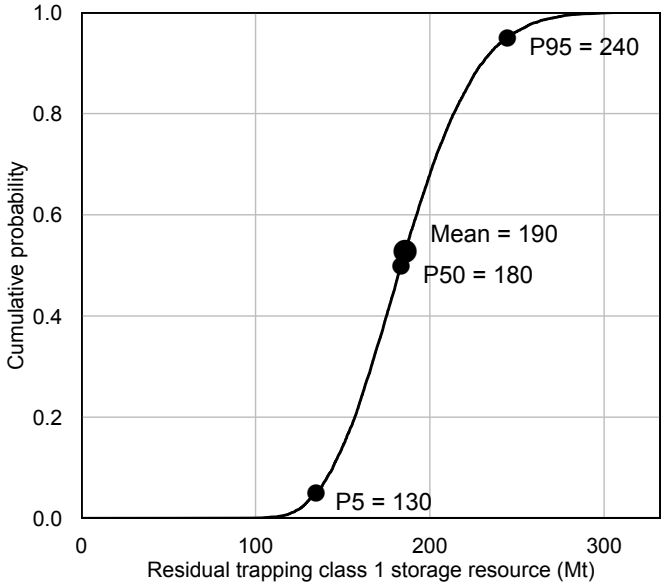


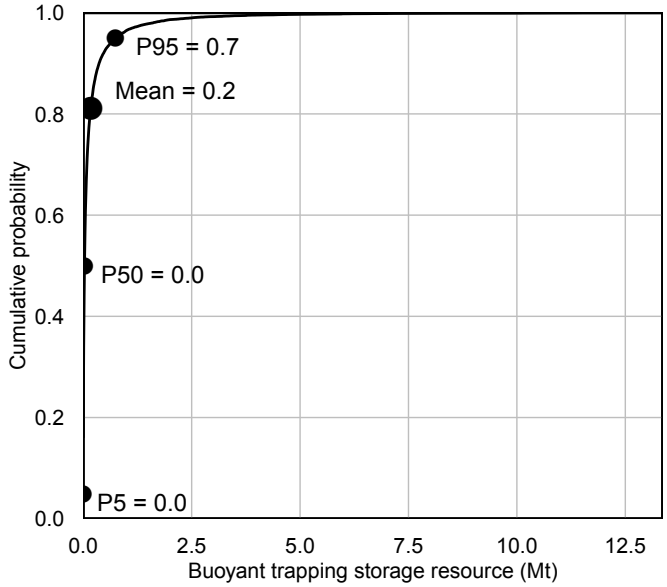


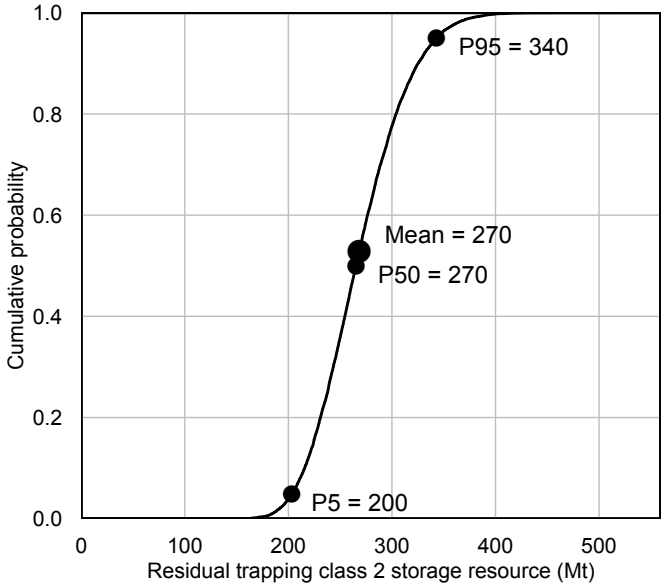


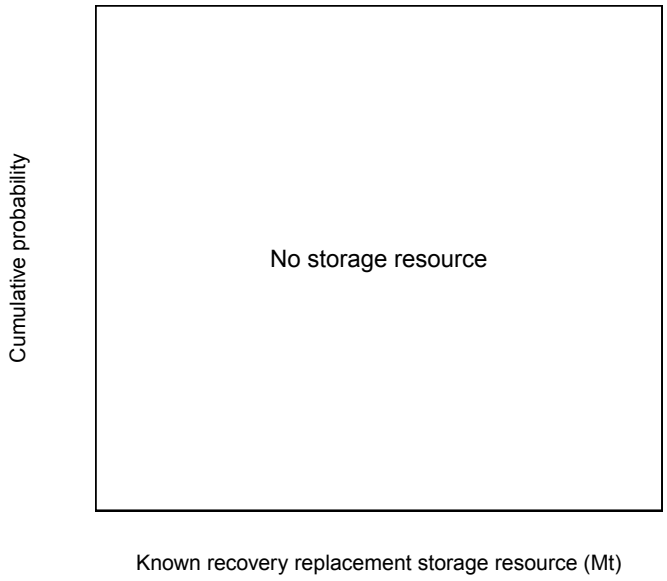
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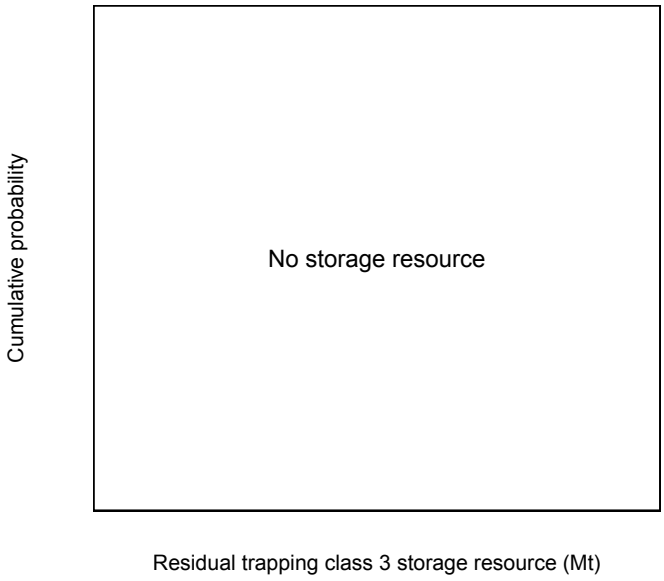




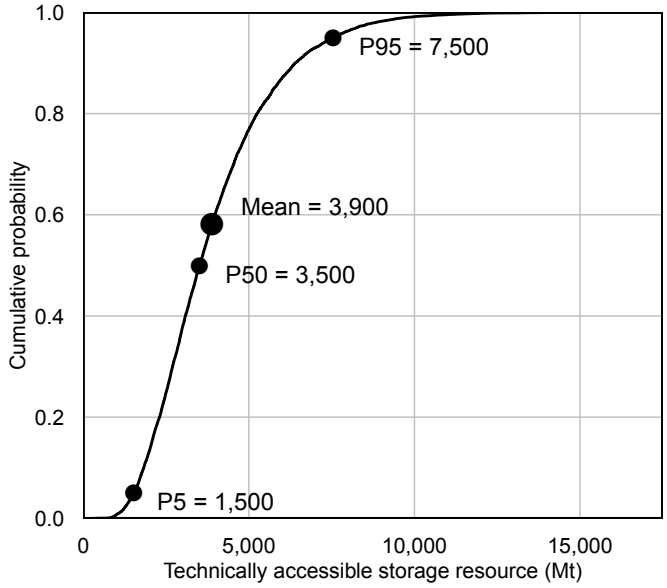


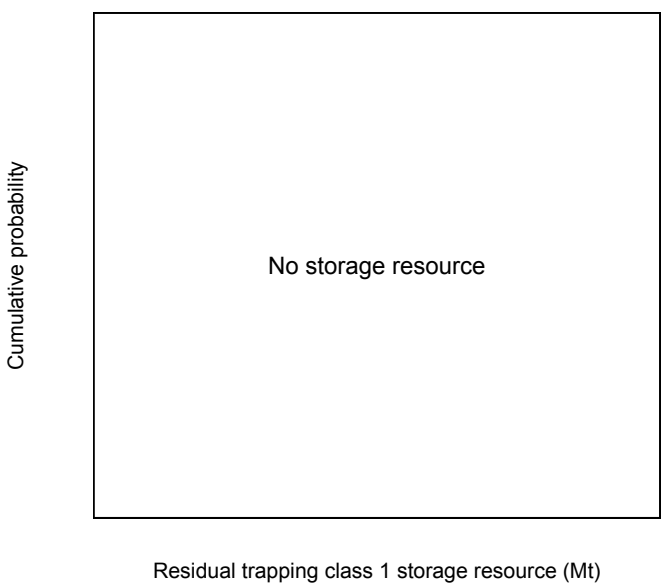


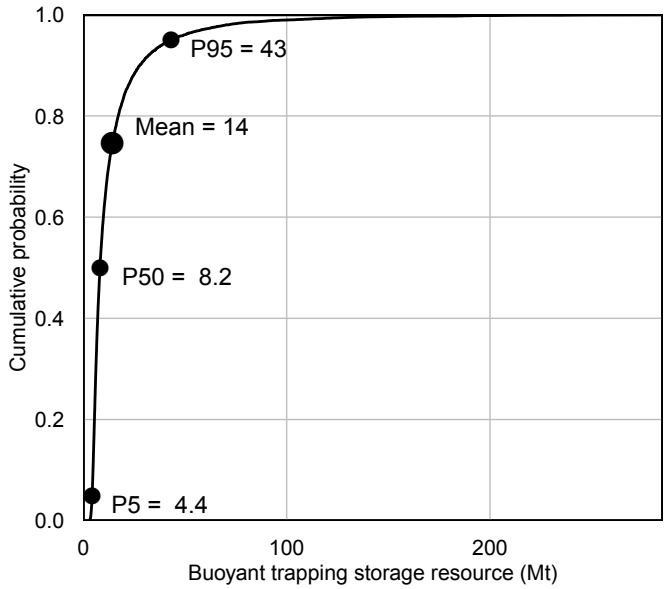


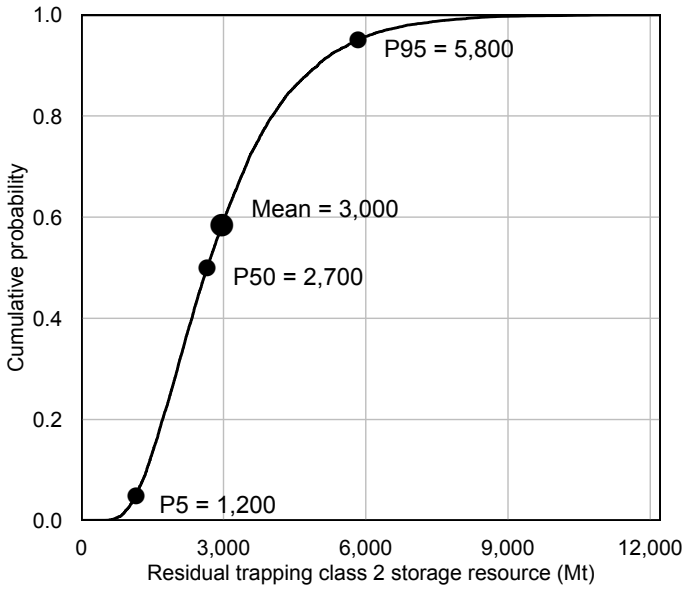


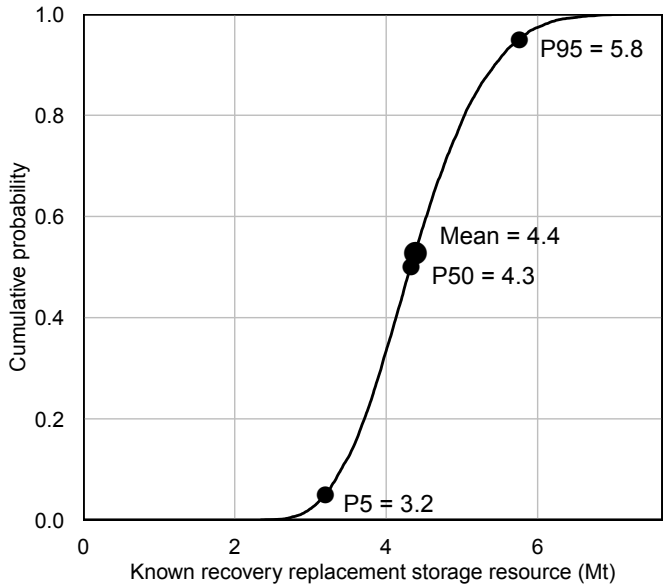
Bend Arch and Fort Worth Basin C50450101

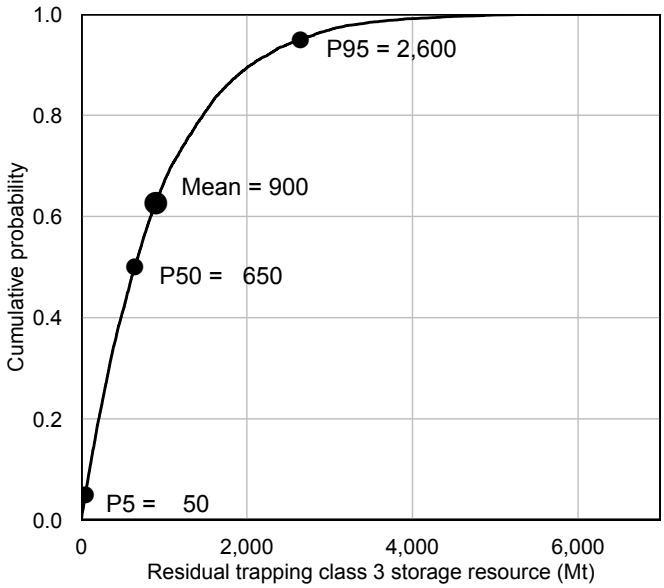




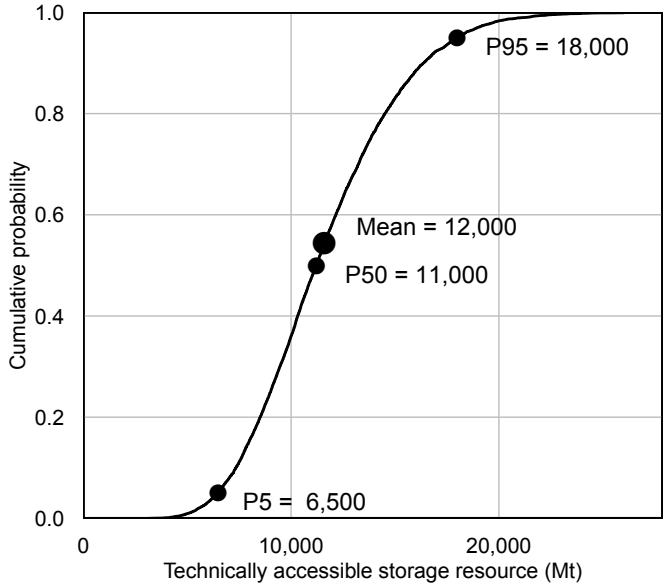


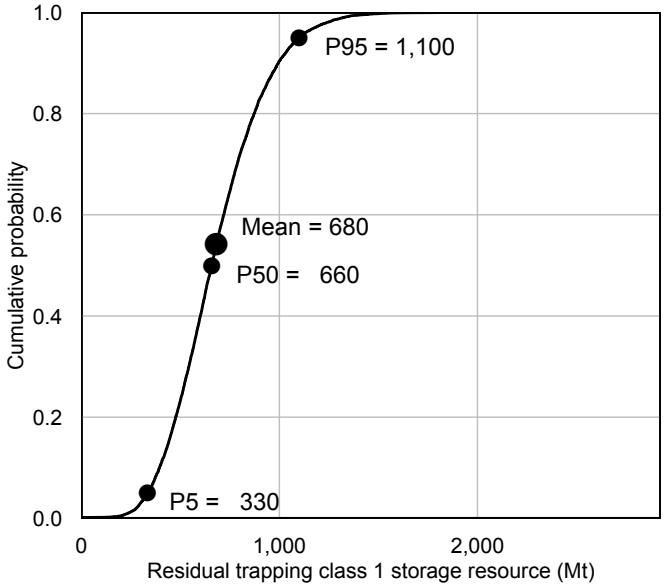


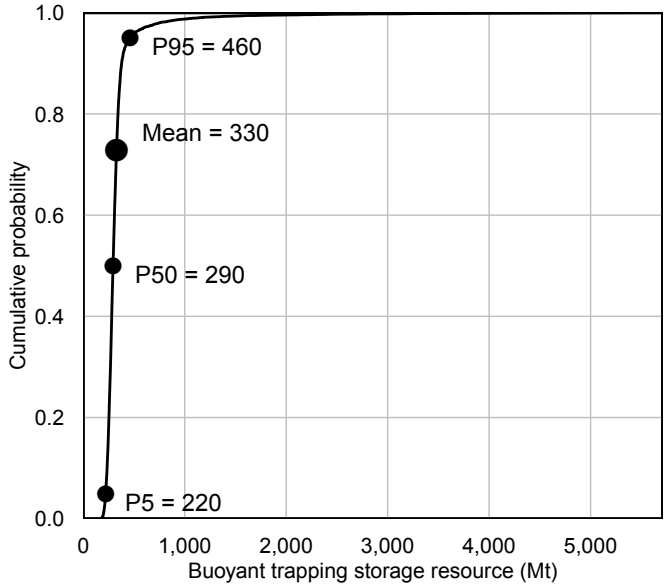


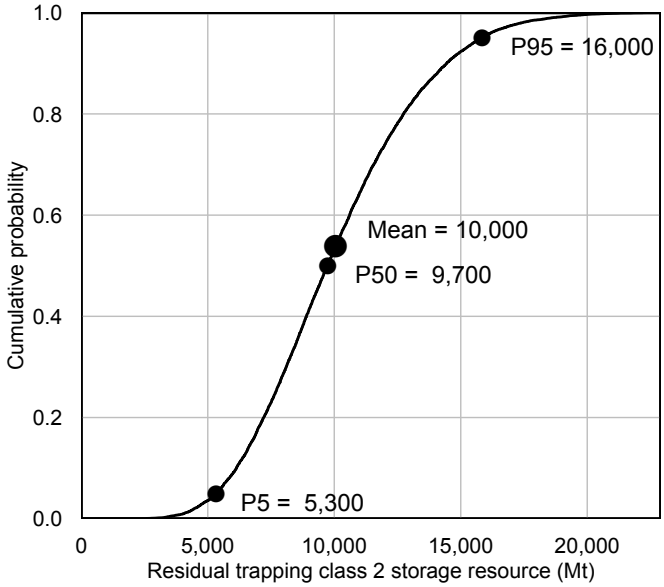


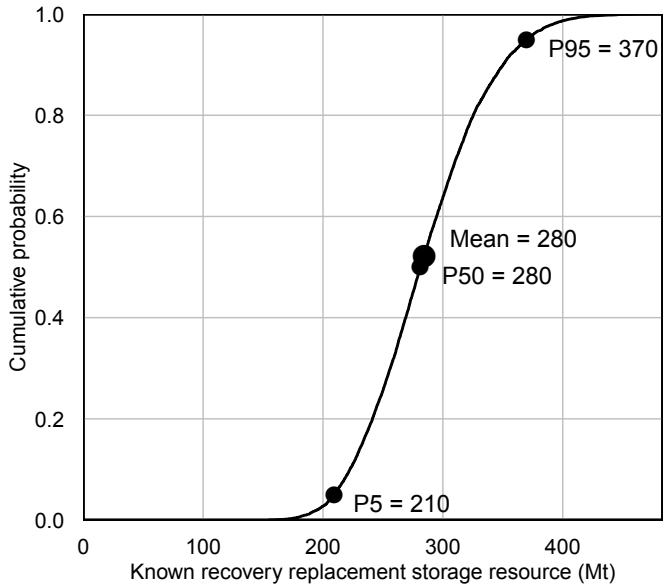
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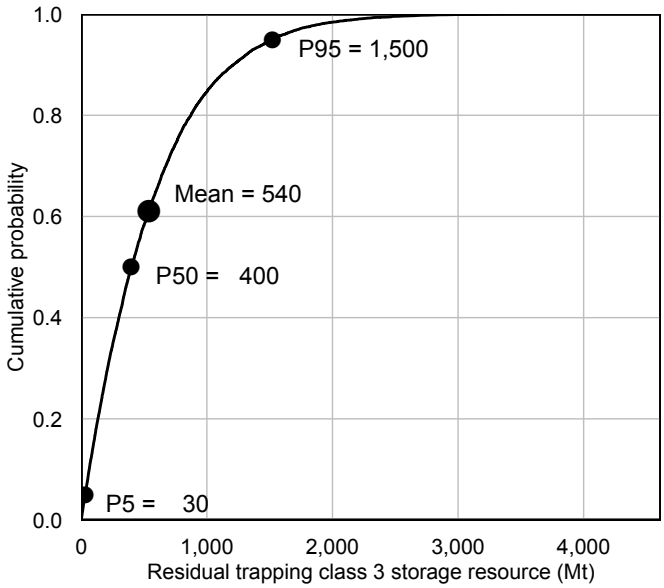




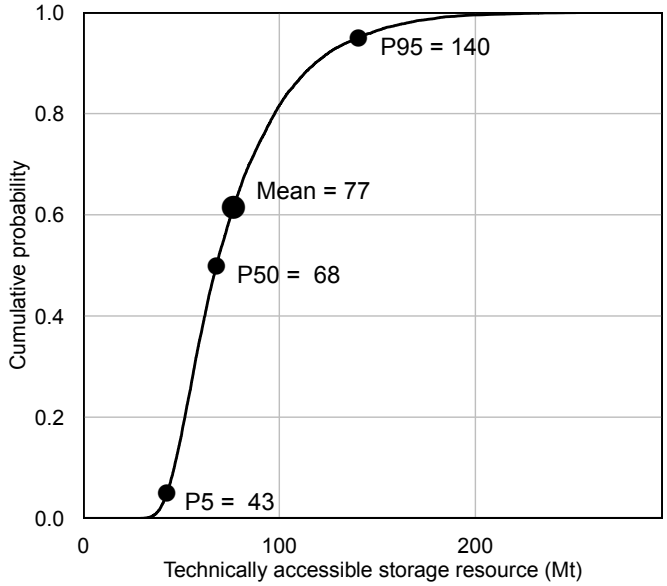


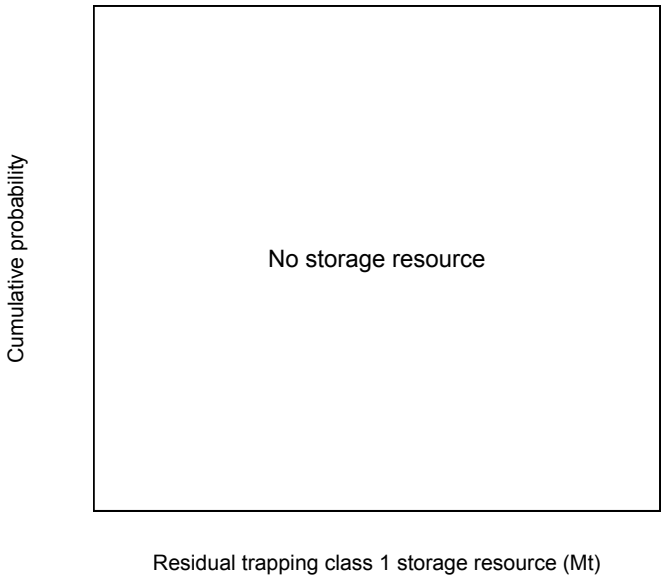


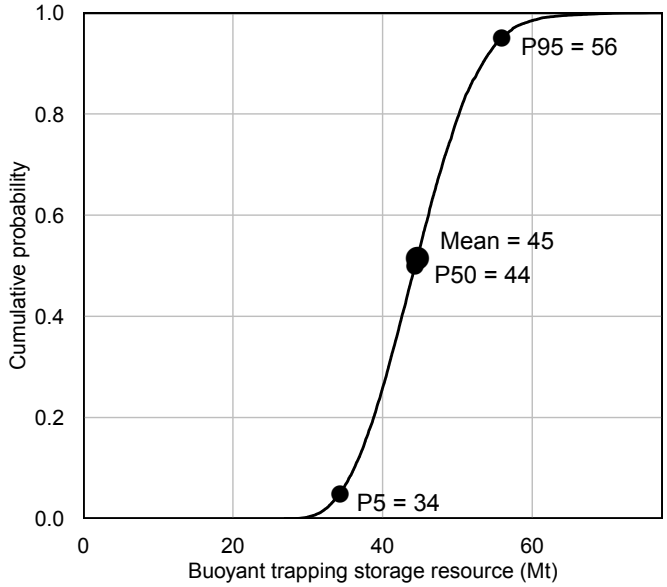


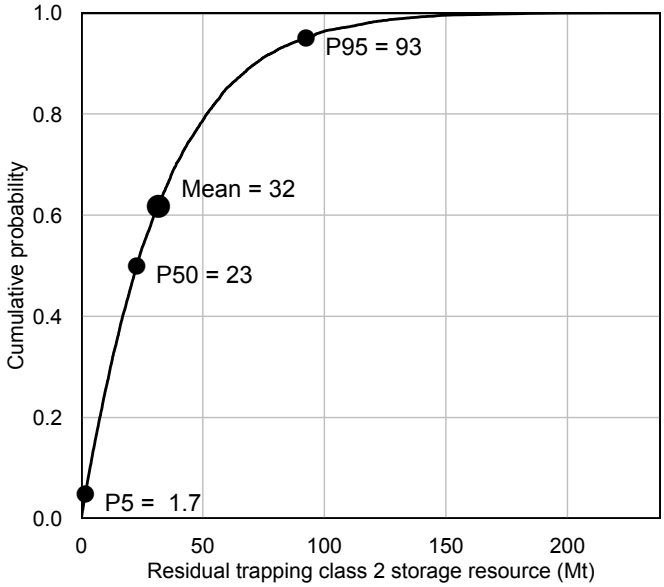


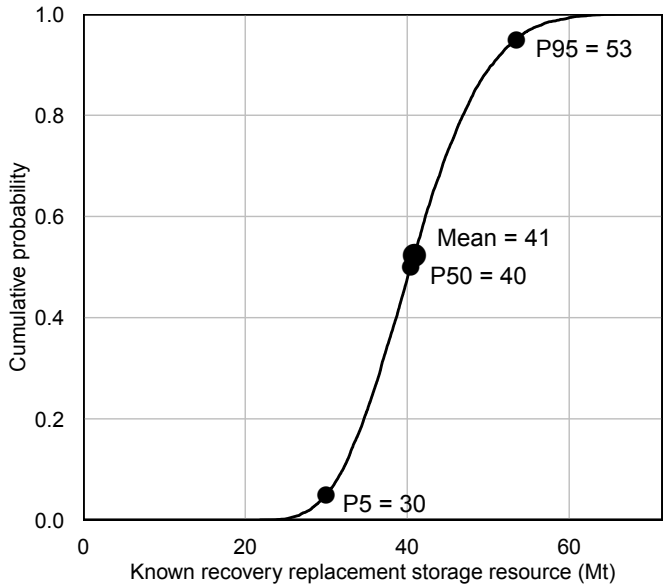
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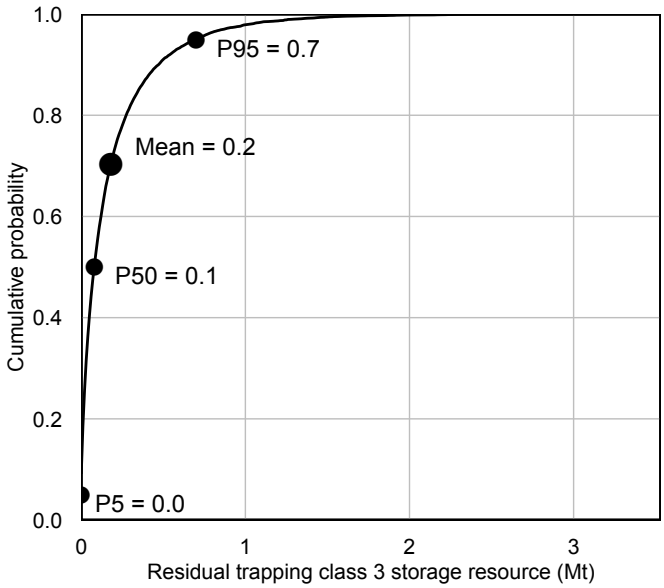




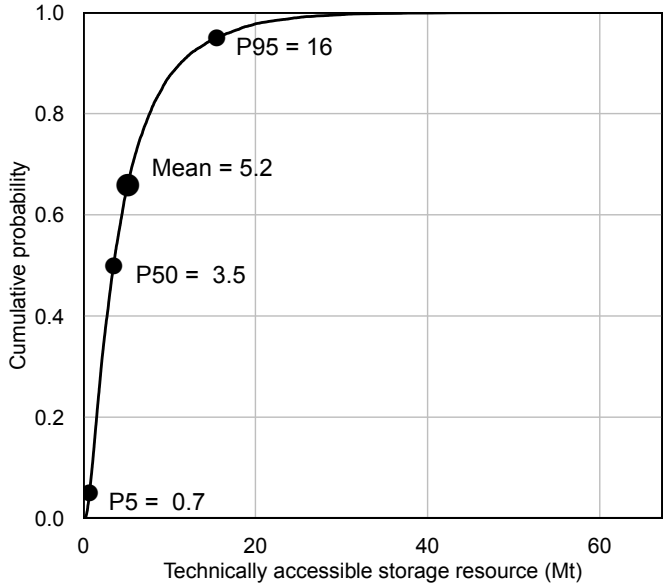


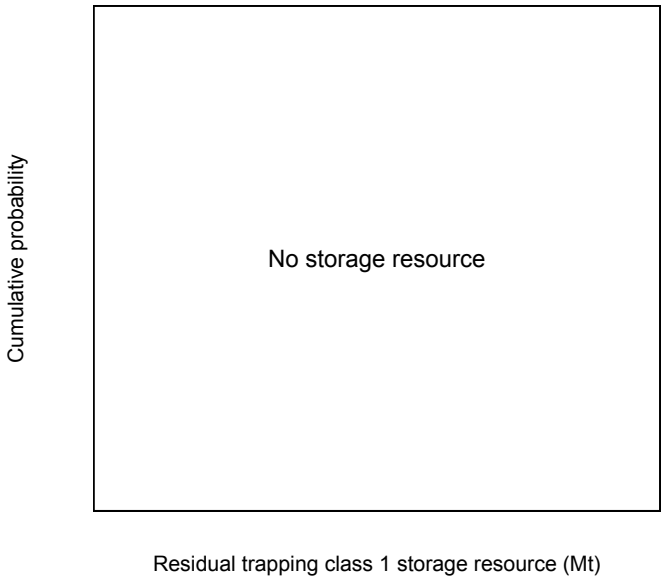


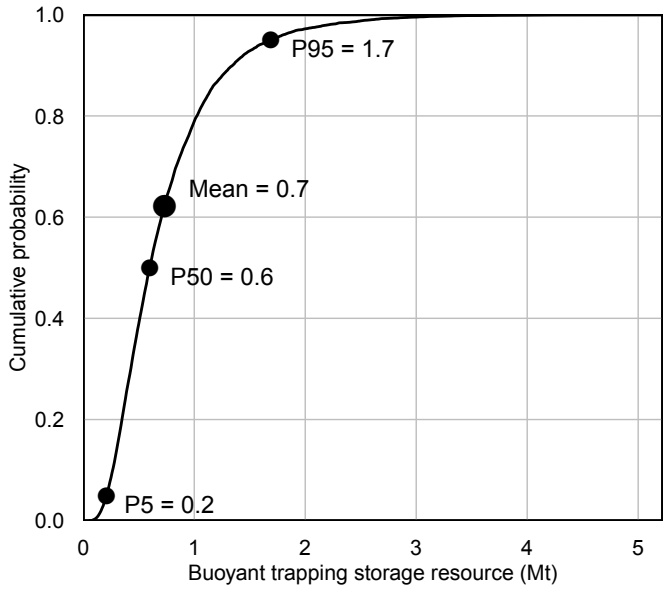


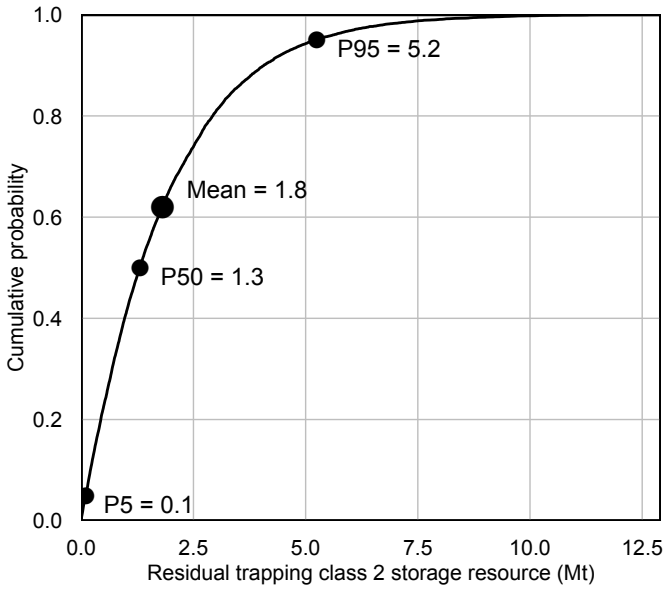


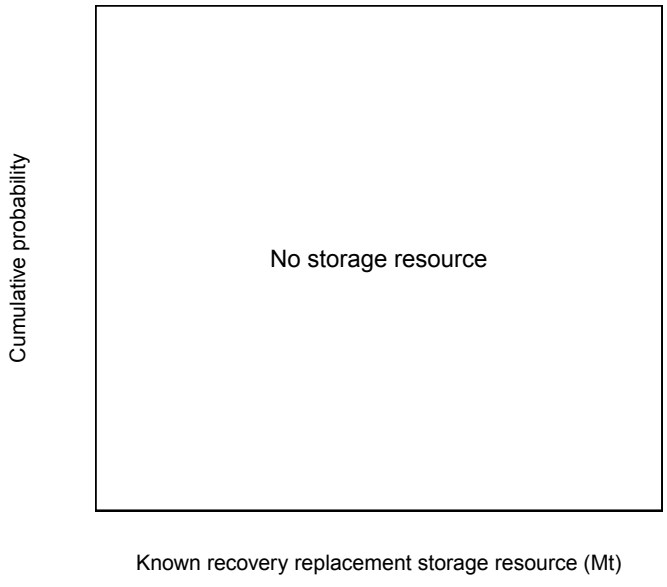
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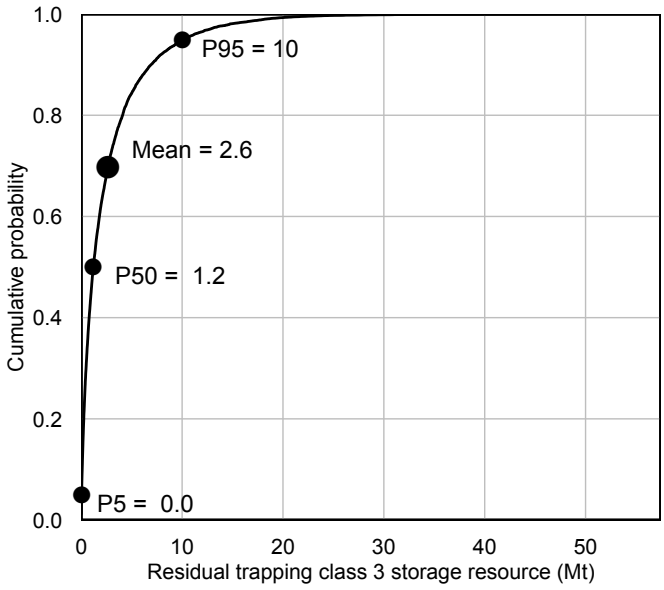




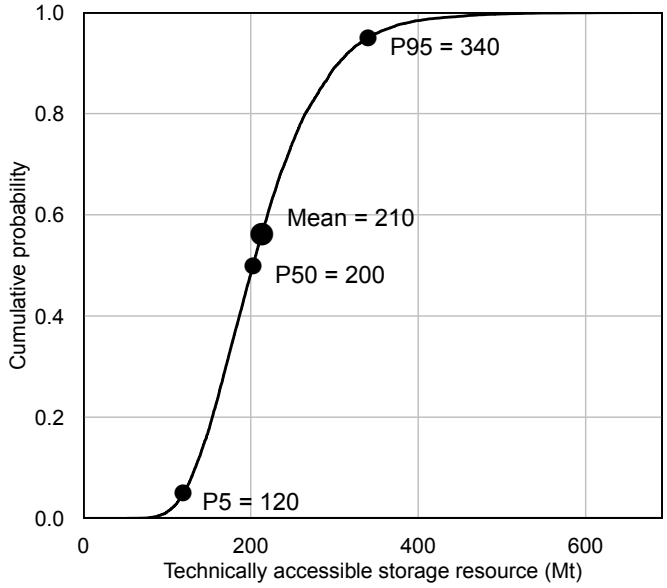


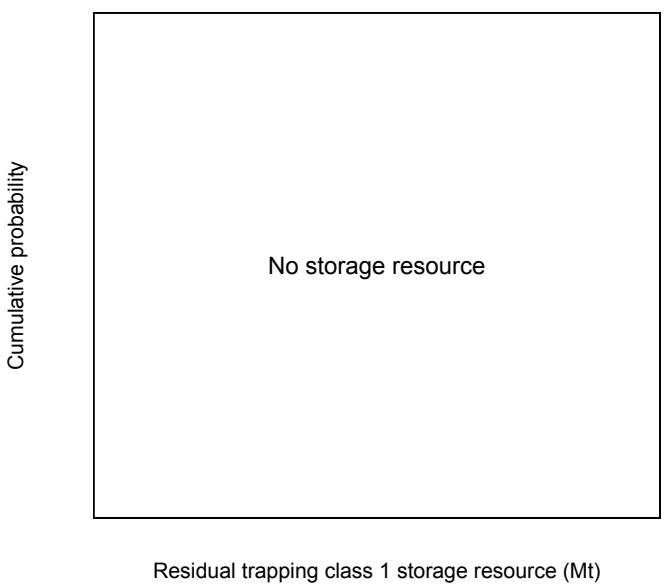


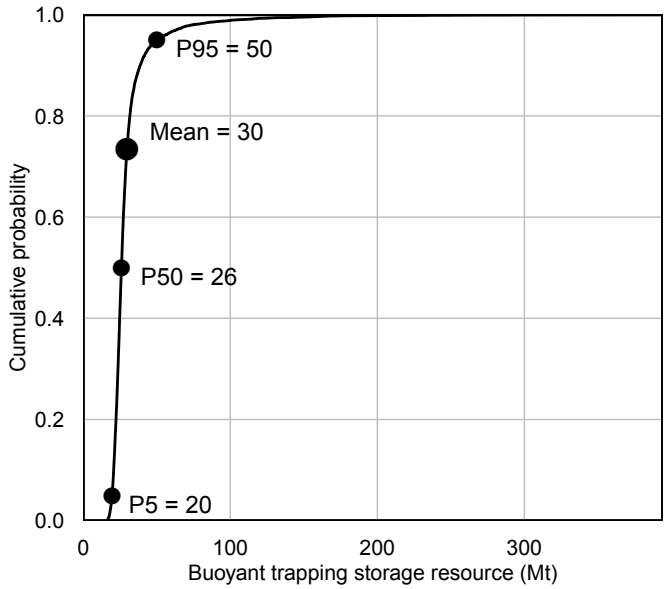


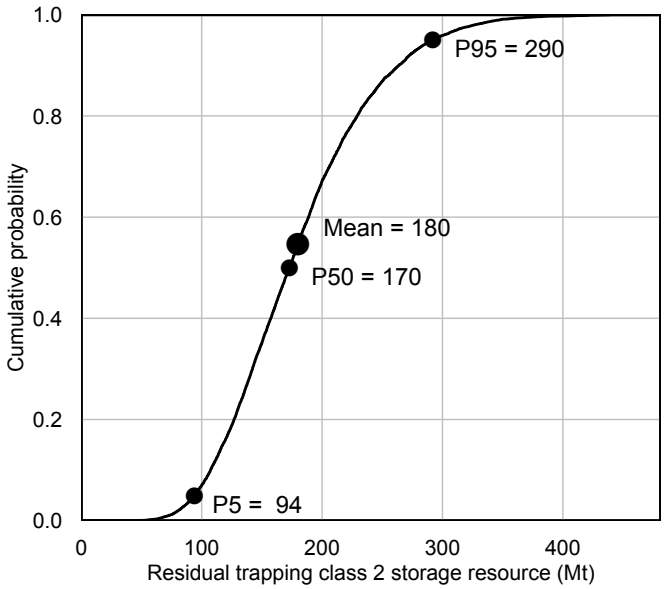


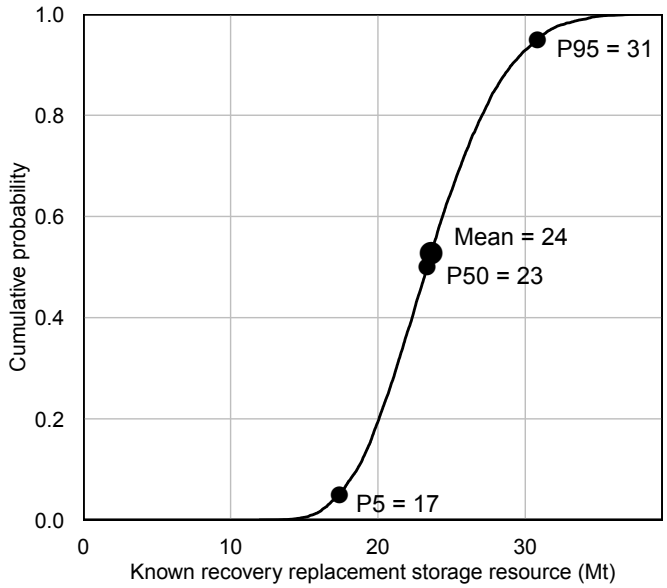
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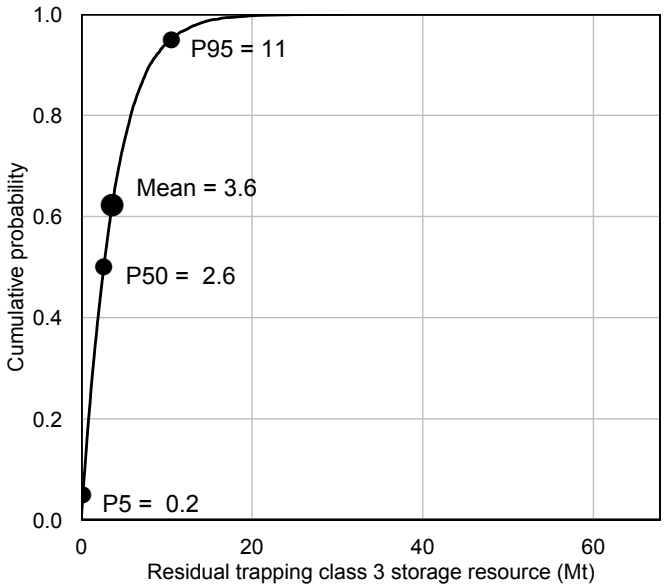




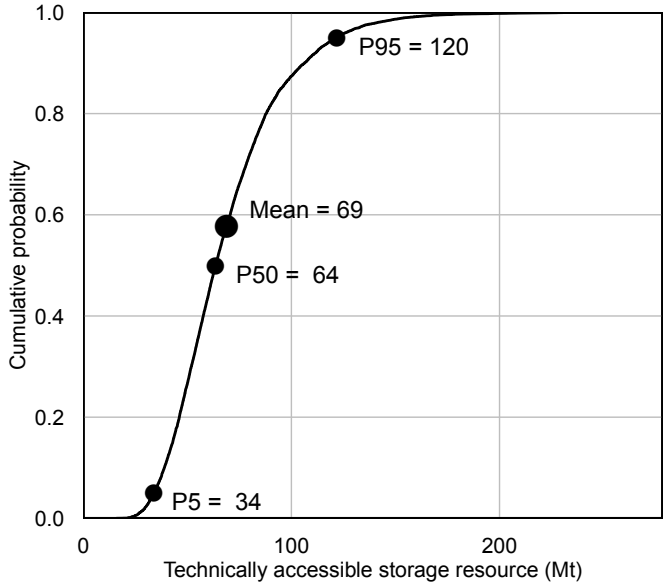


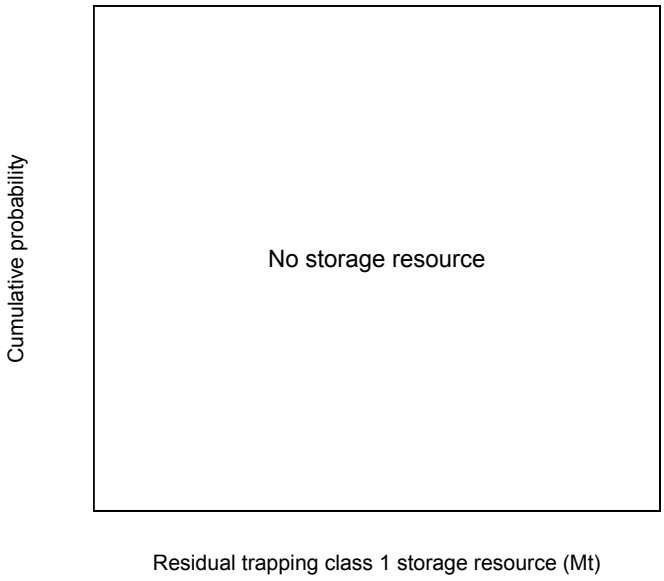


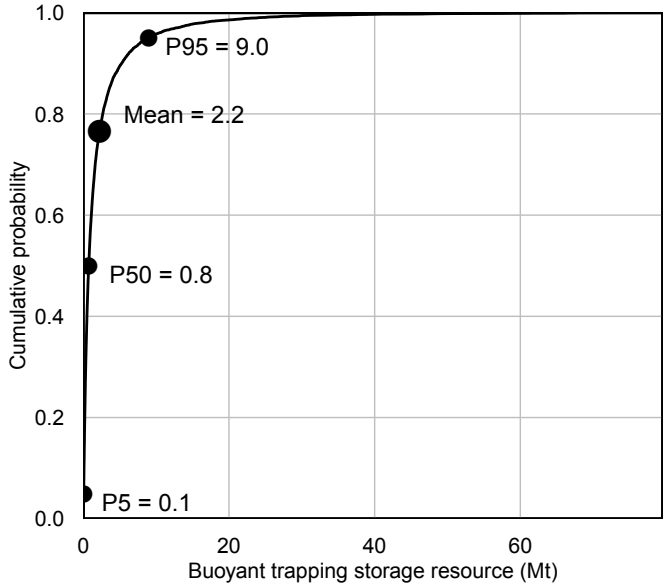


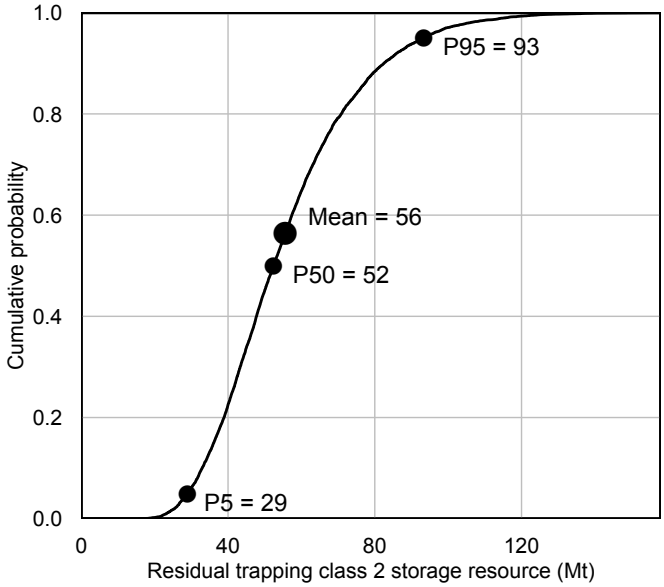


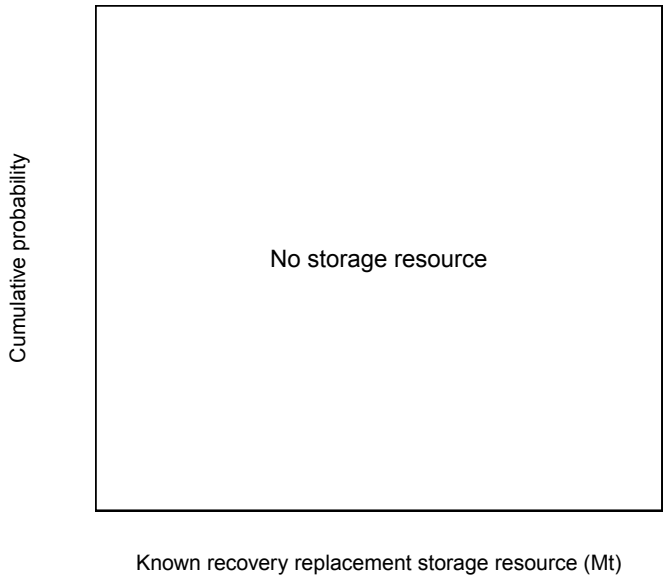
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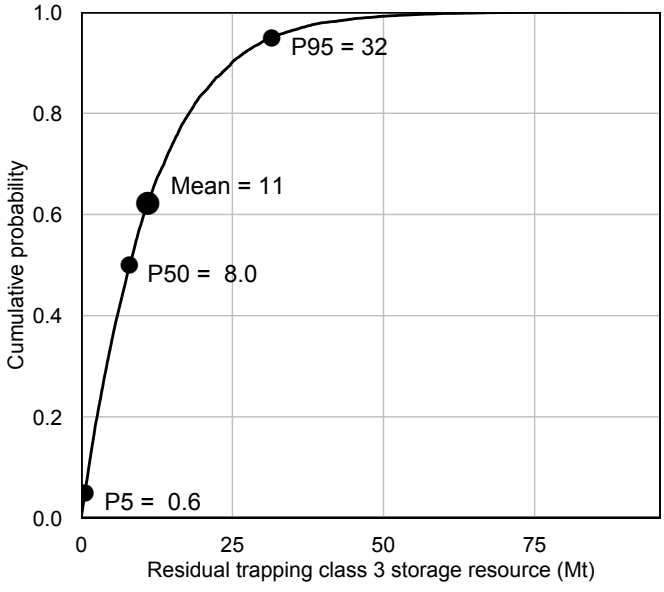




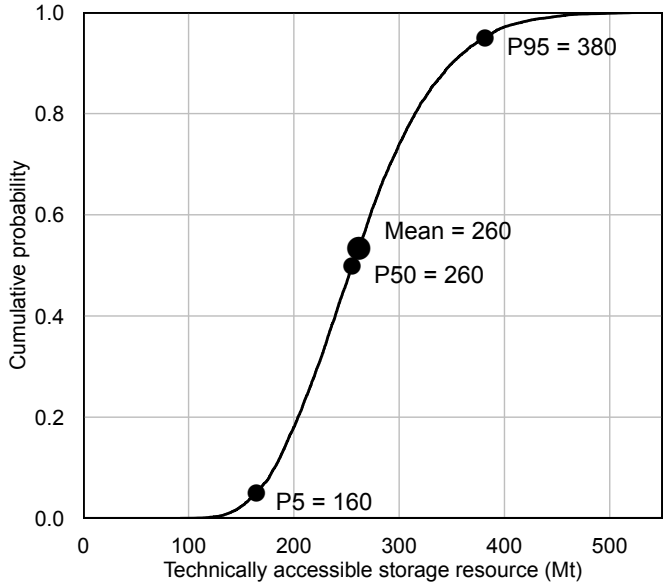


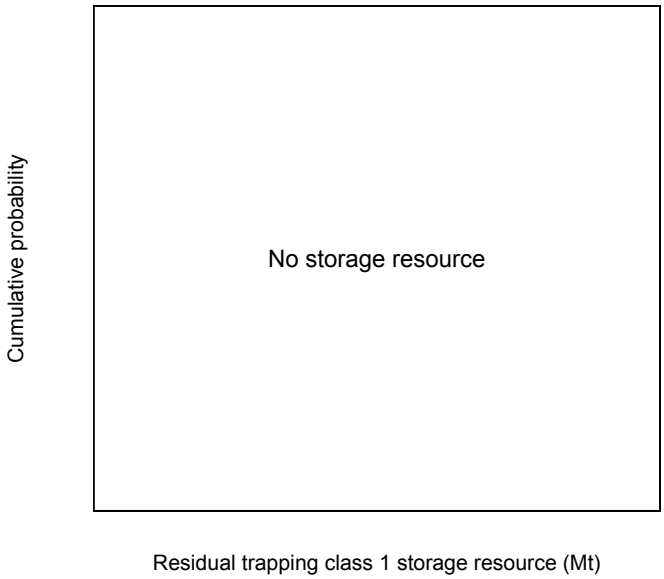


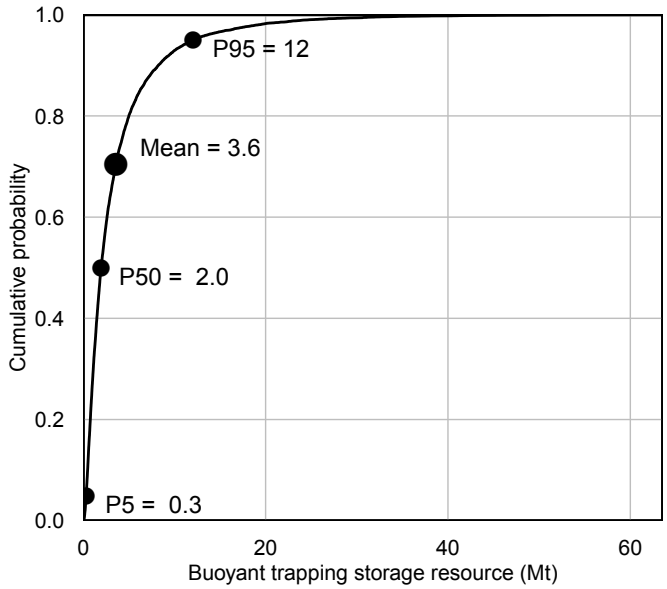


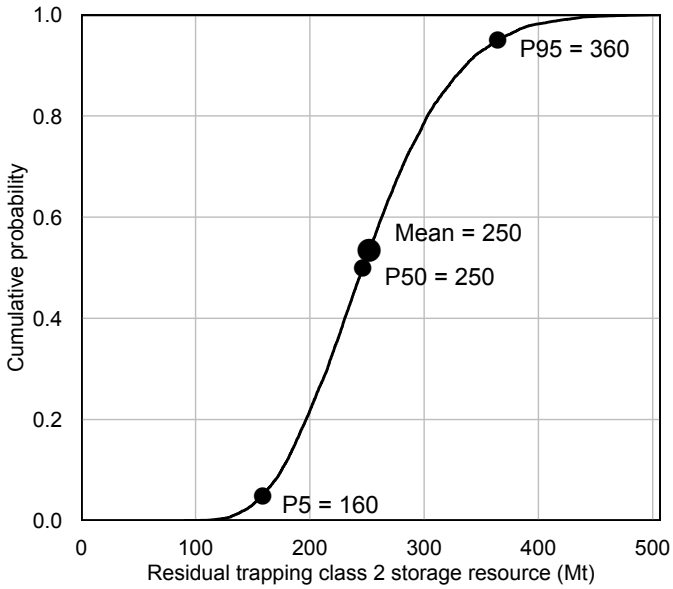


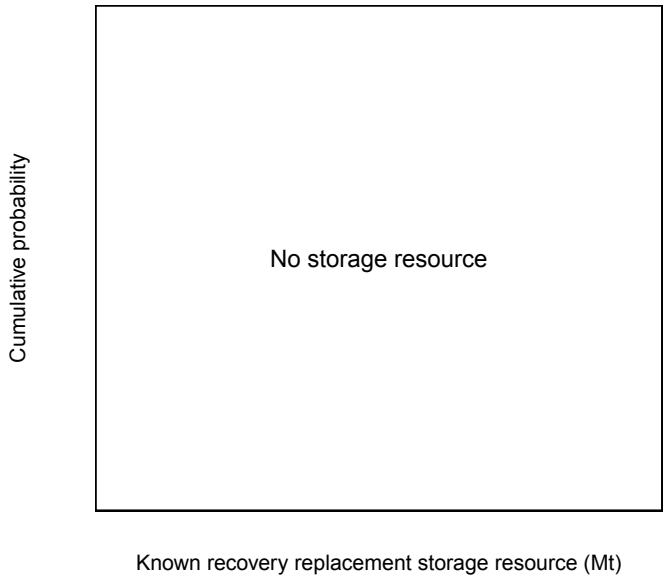
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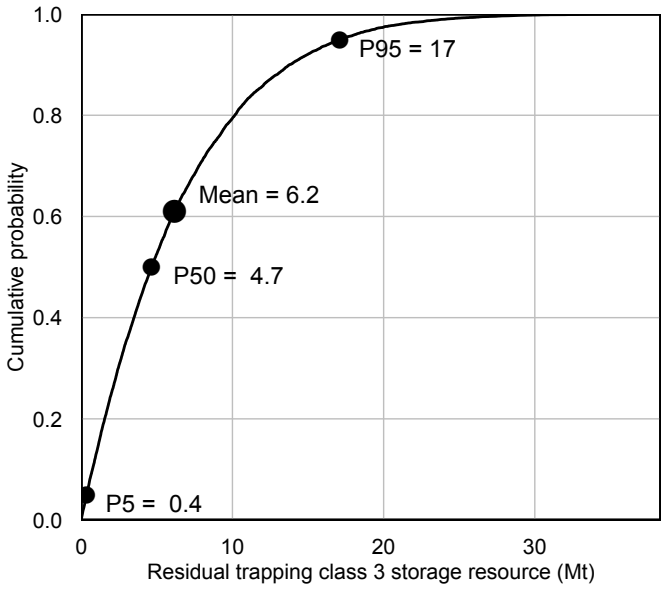




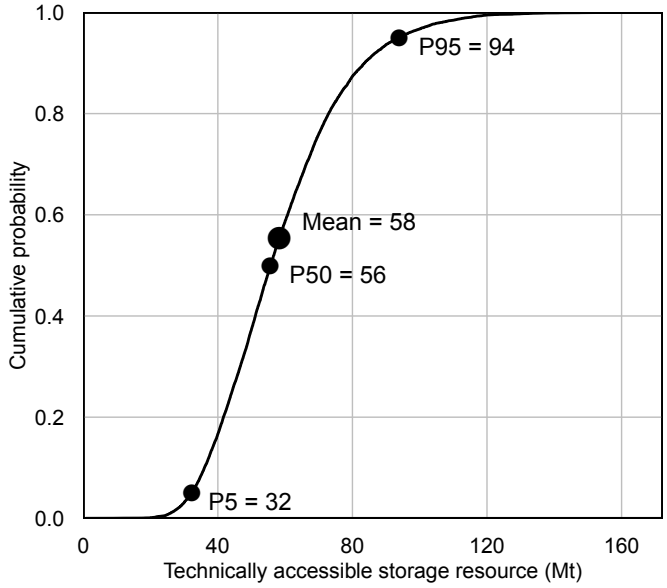


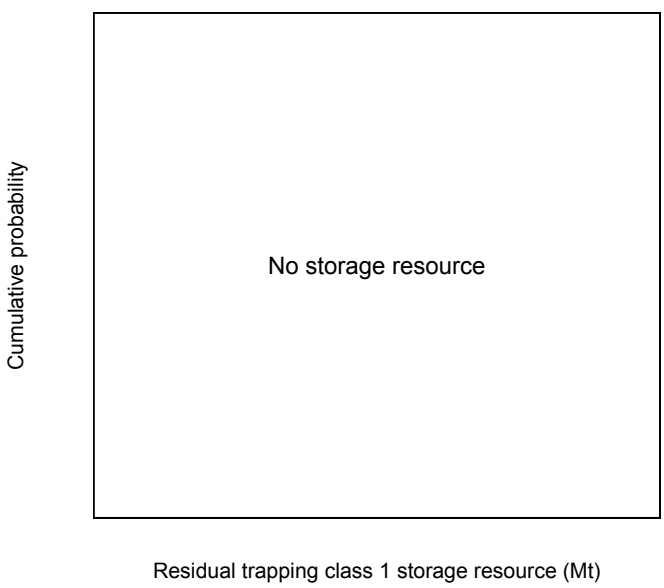


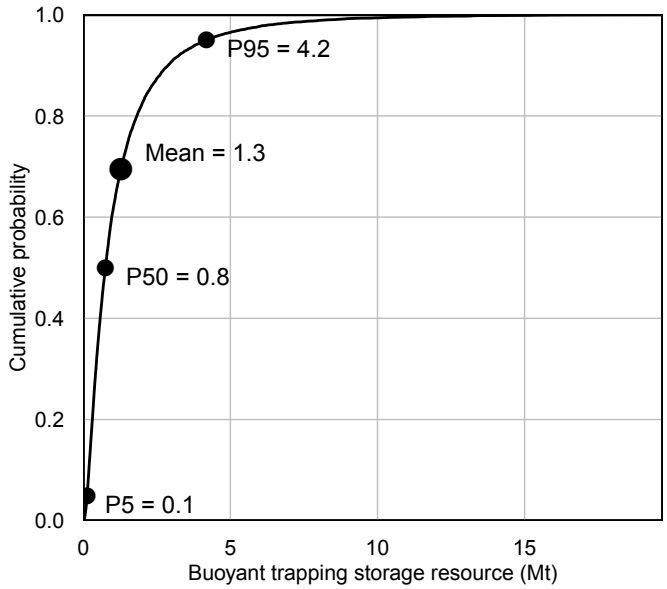


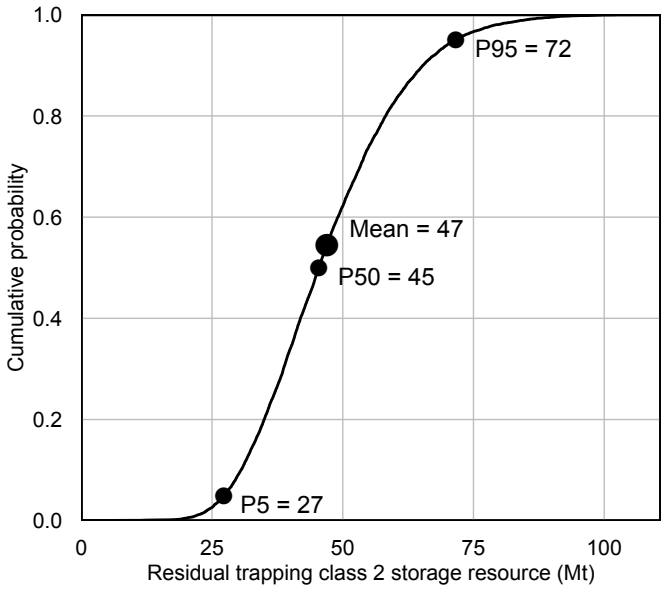


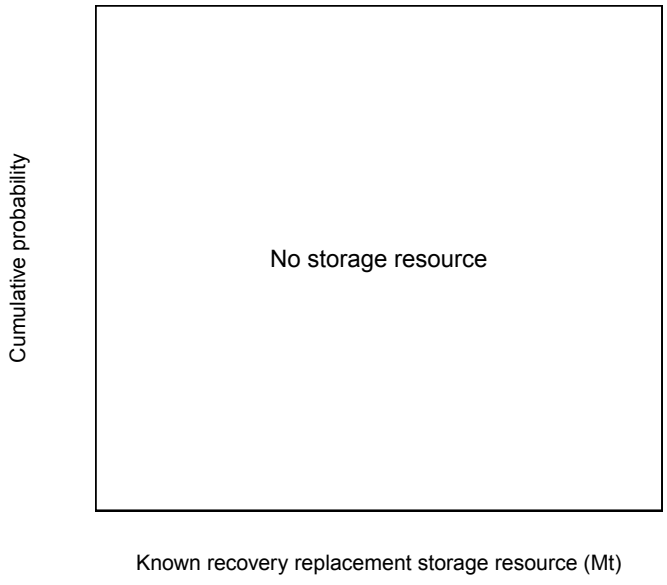
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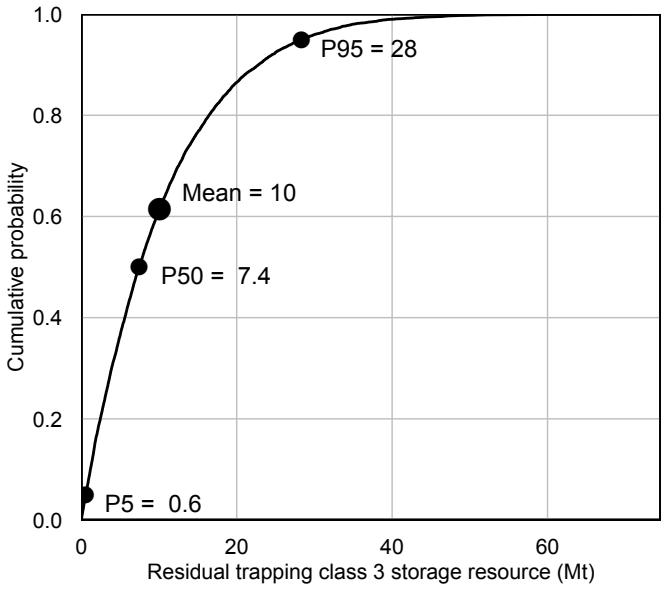




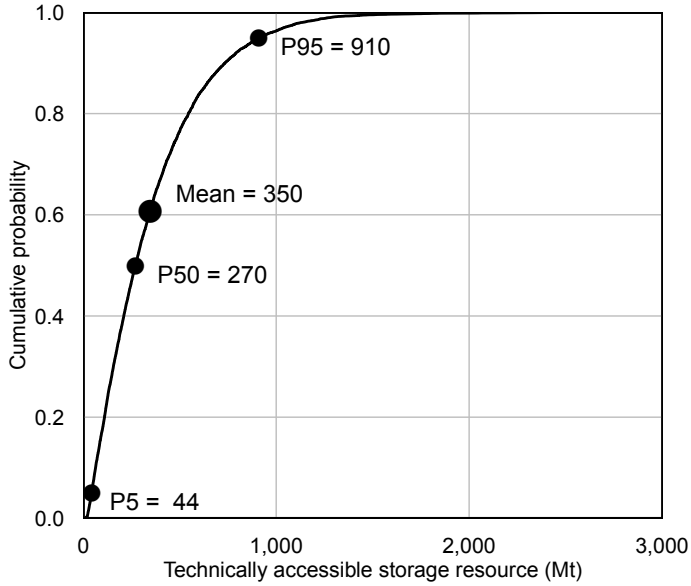


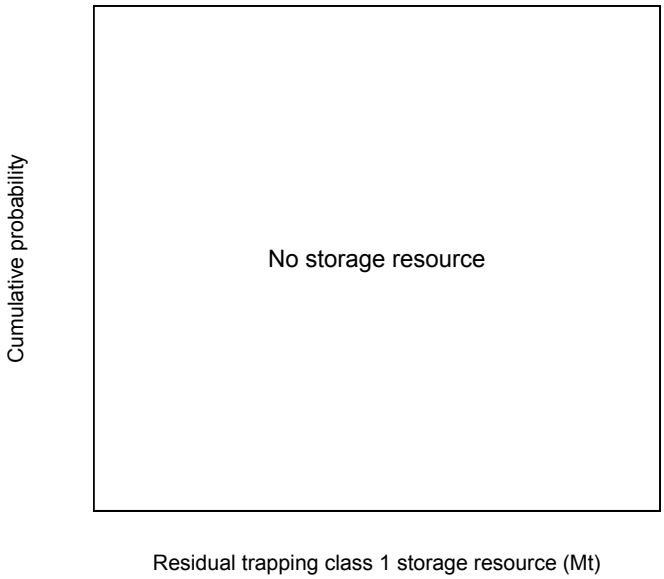


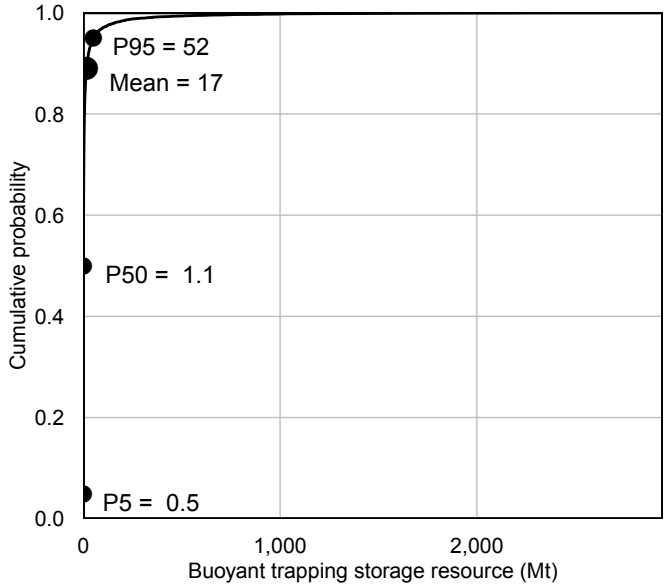


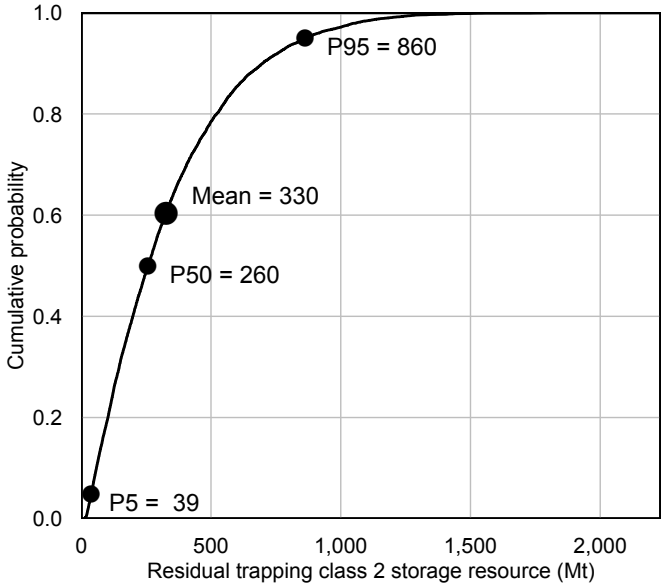


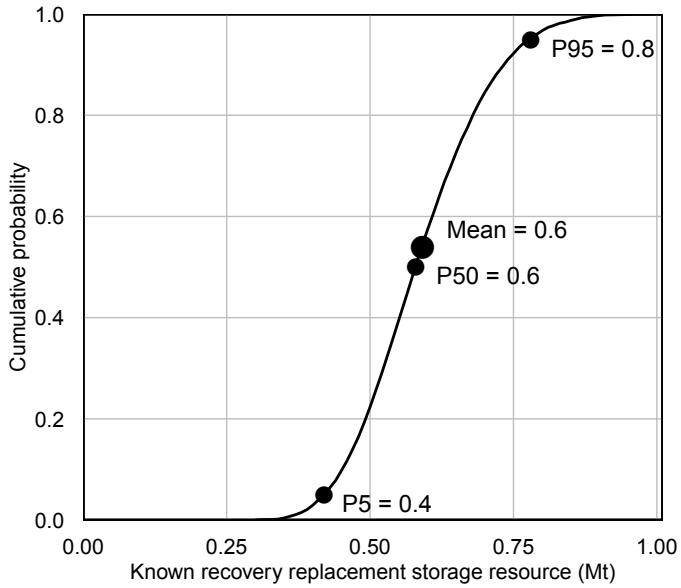
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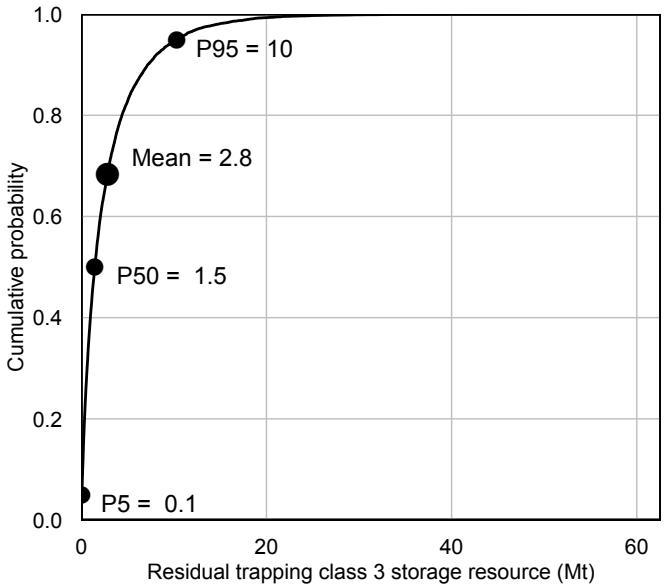




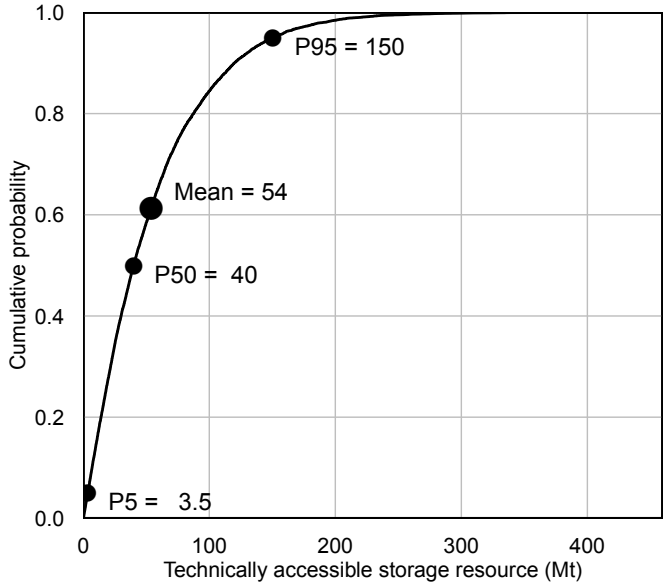


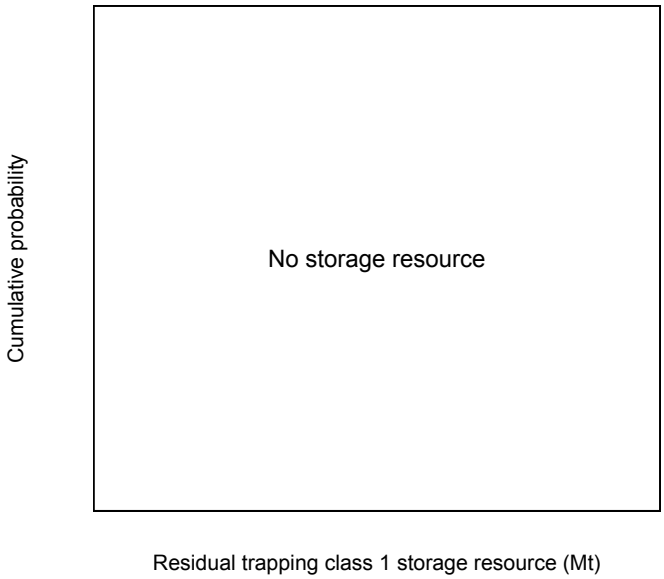


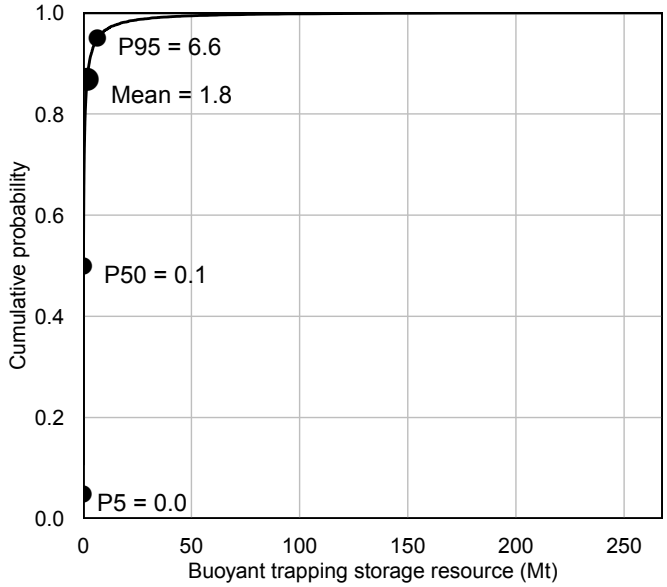


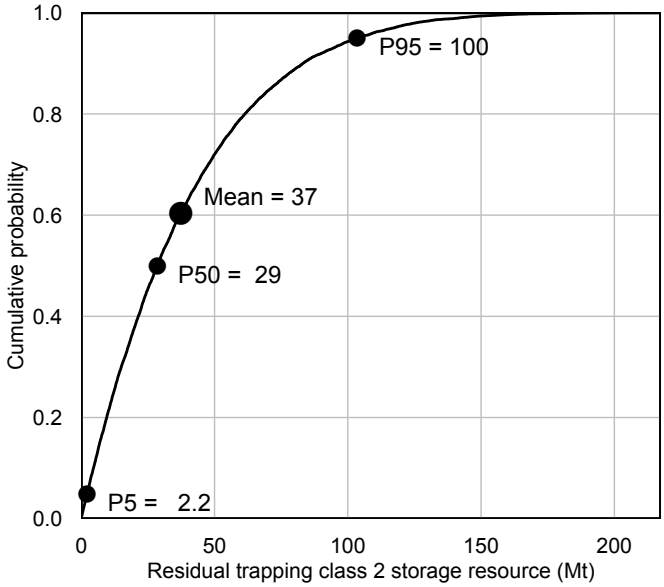


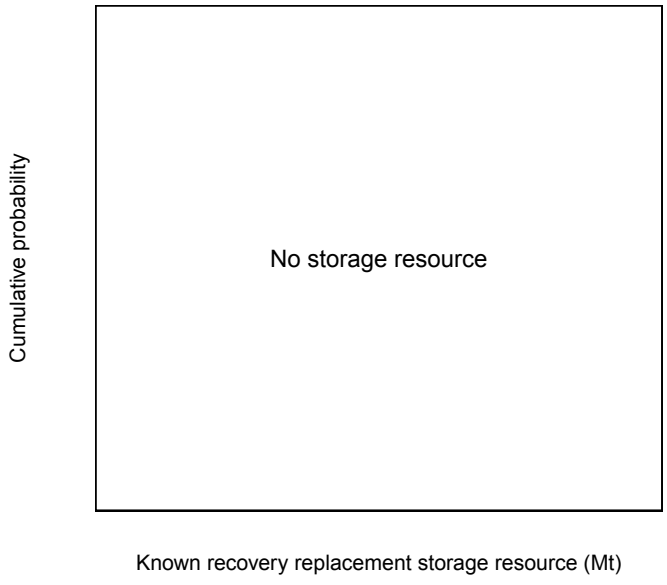
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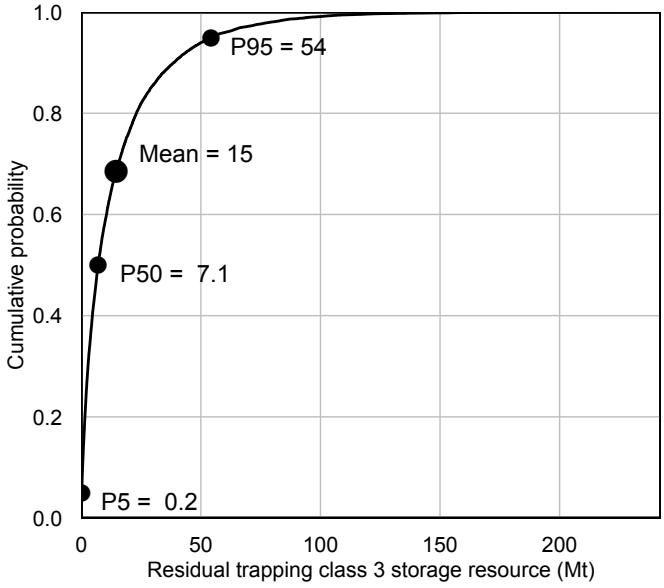




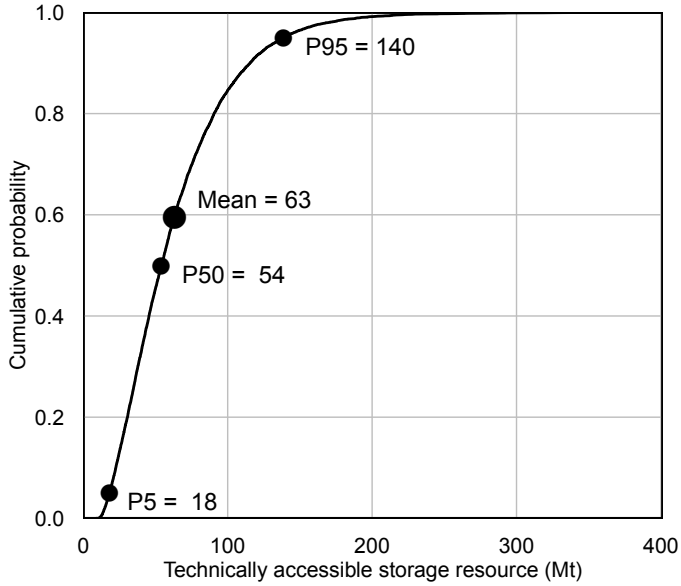


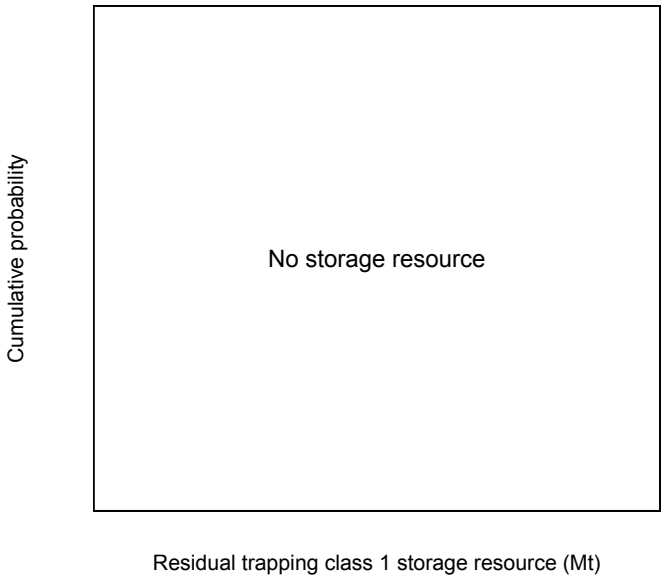


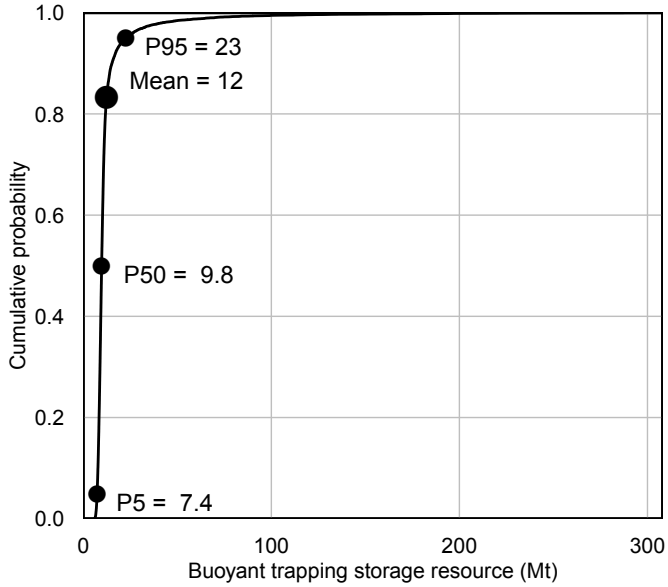


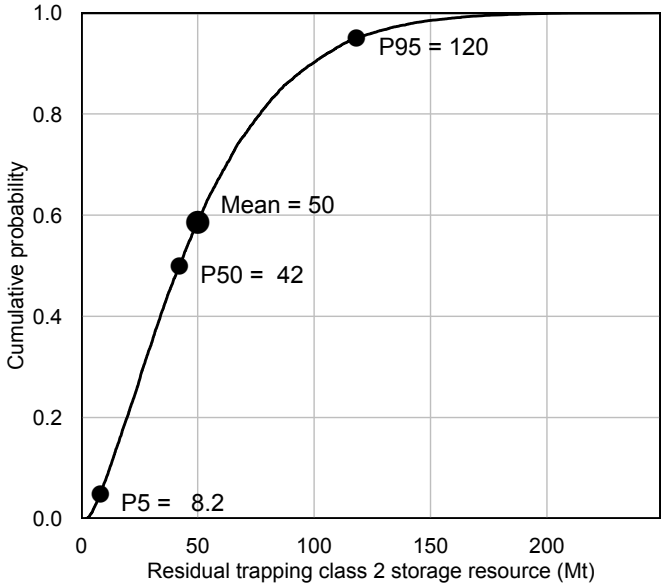


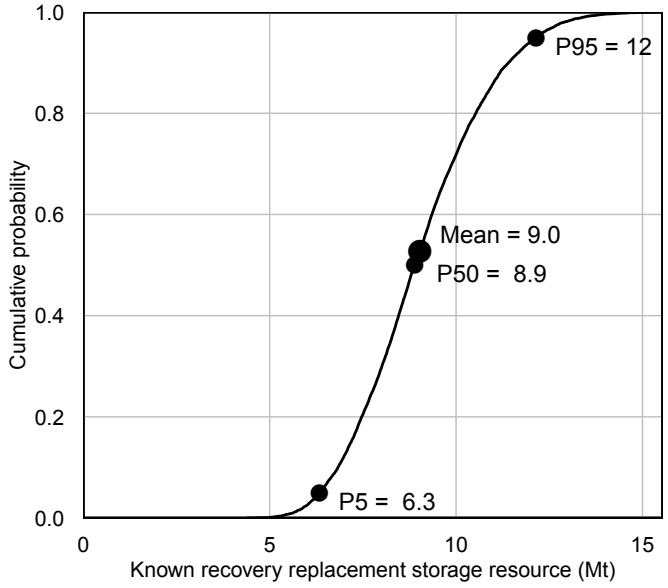
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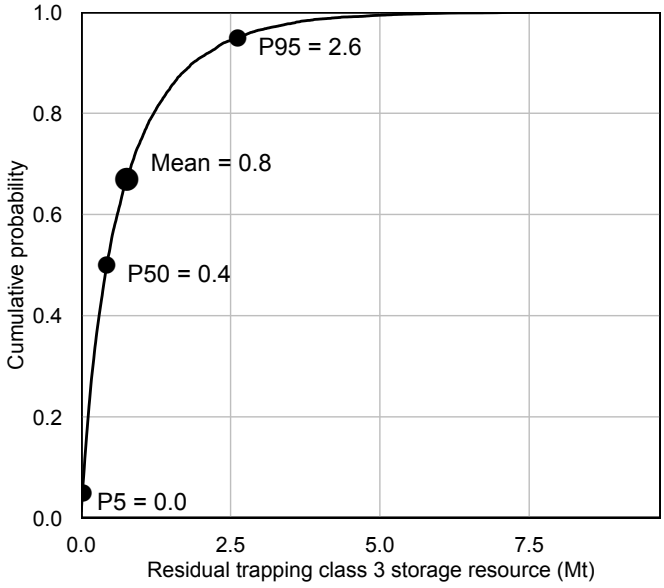




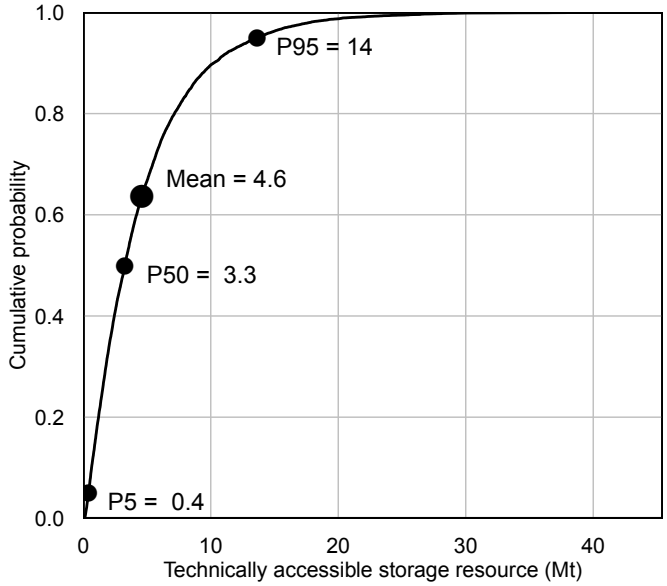


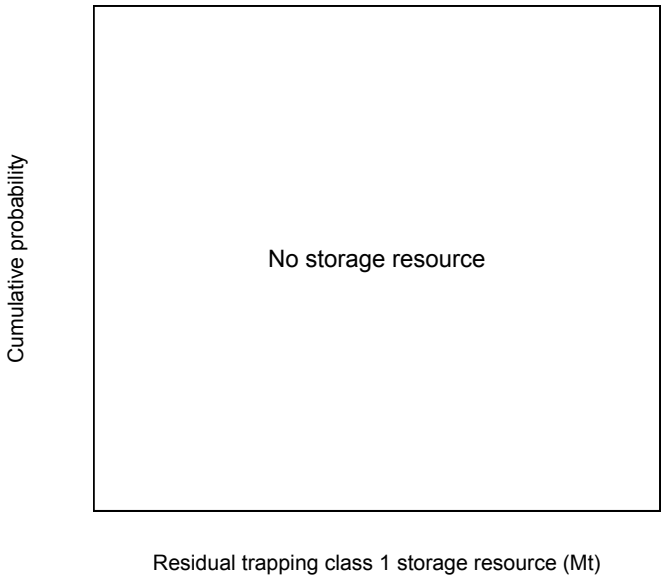


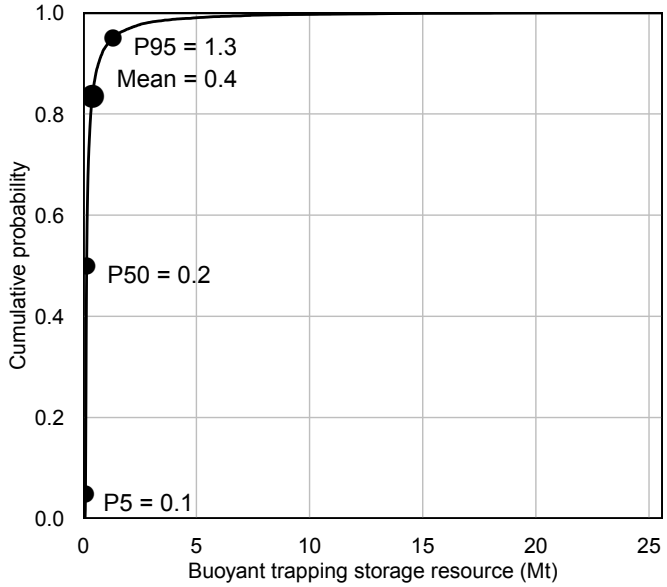


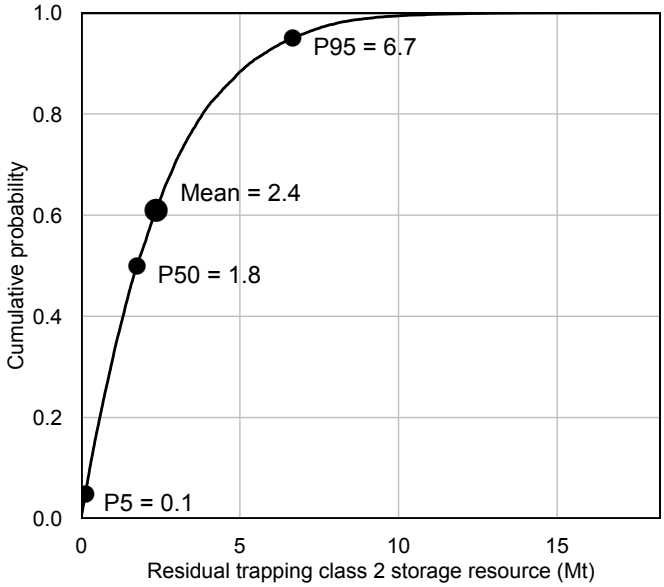


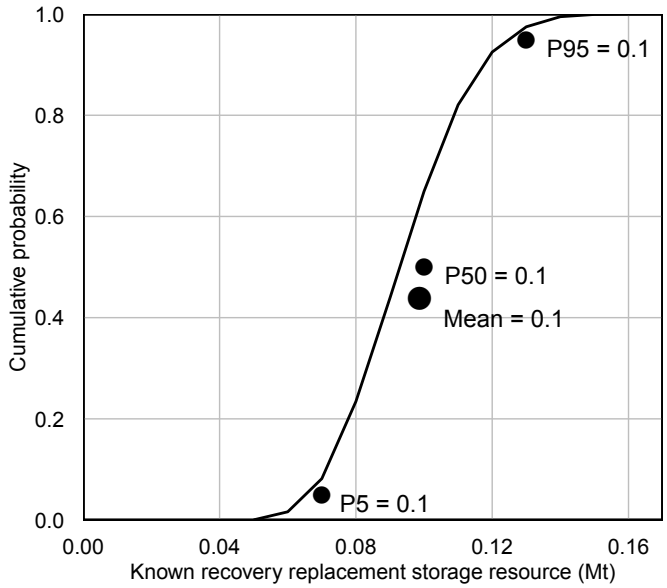
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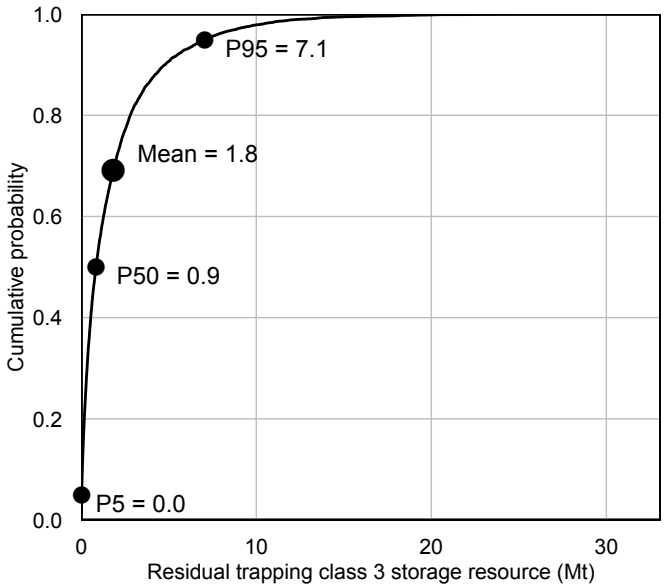




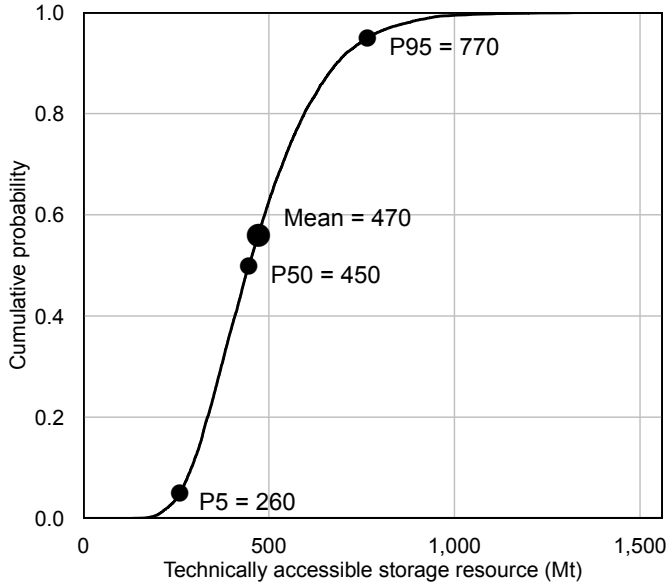


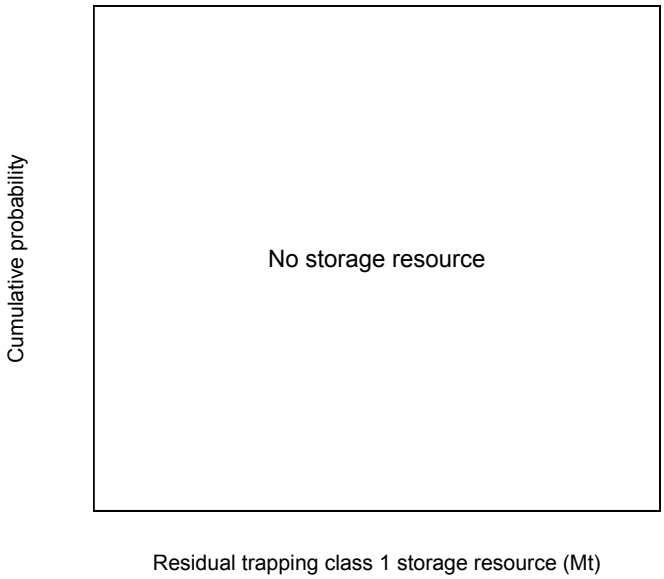


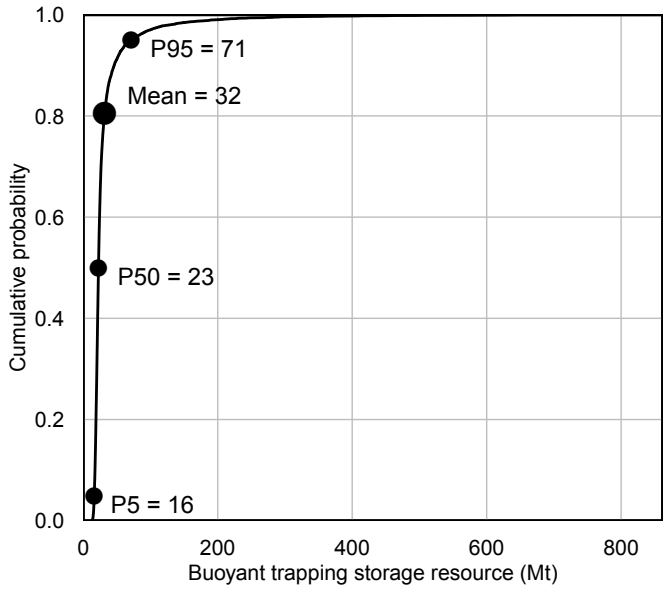


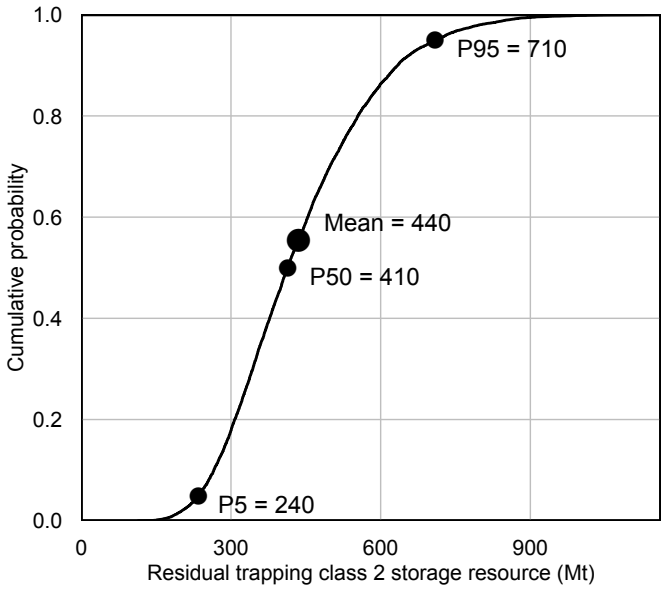


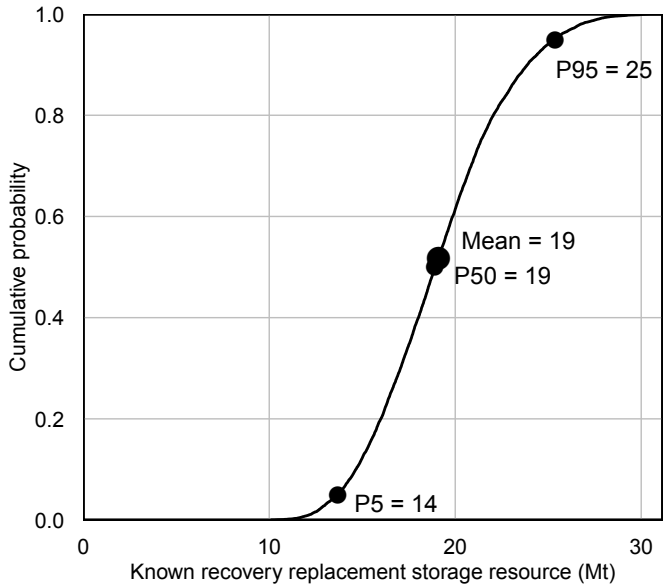
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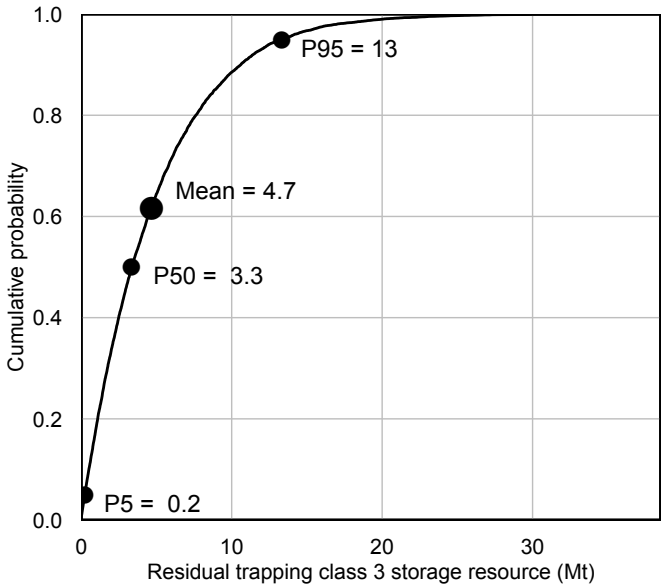




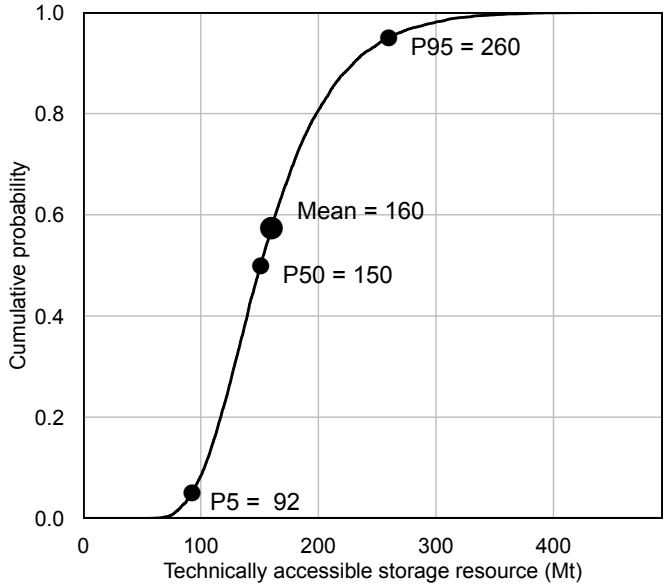


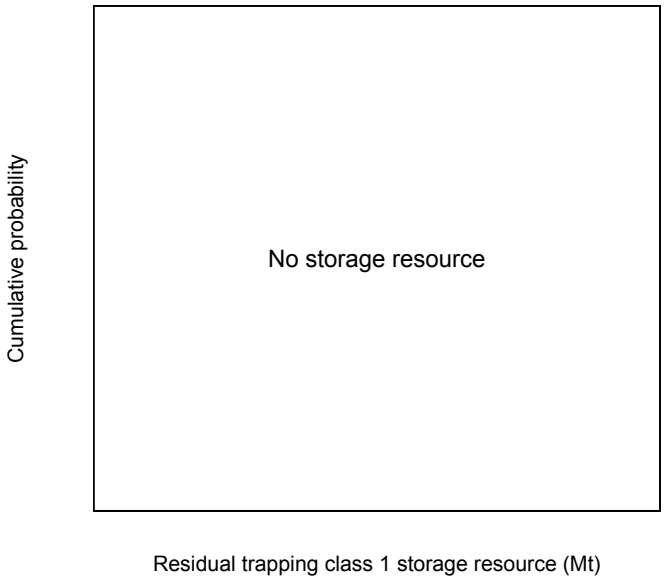


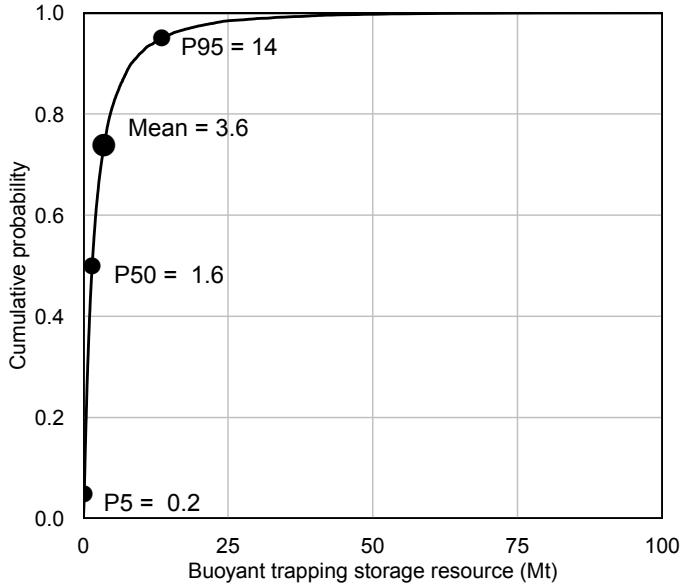


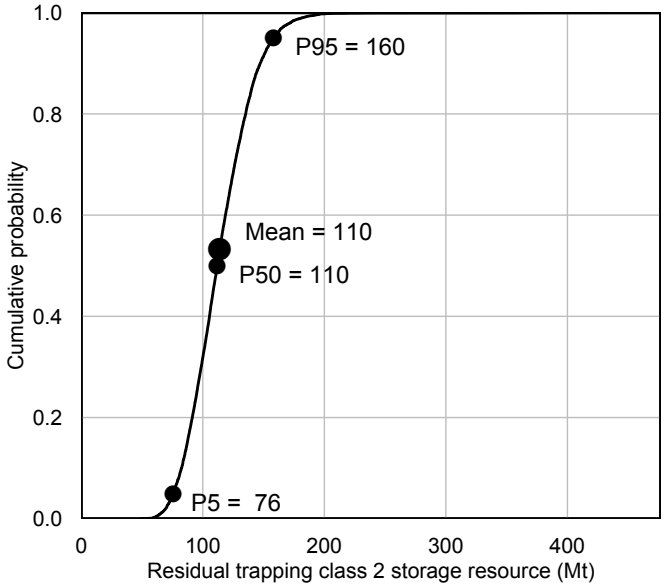


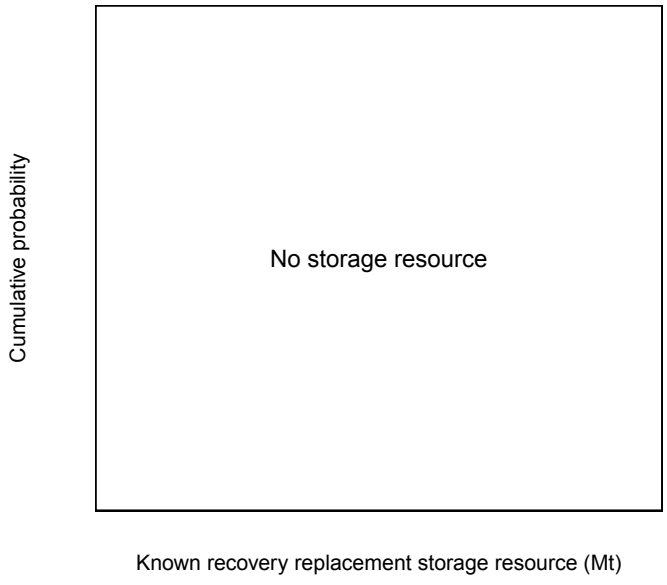
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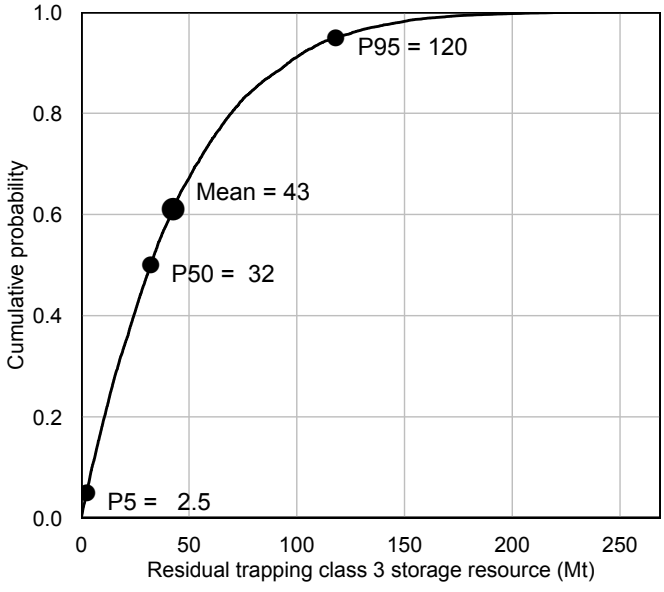




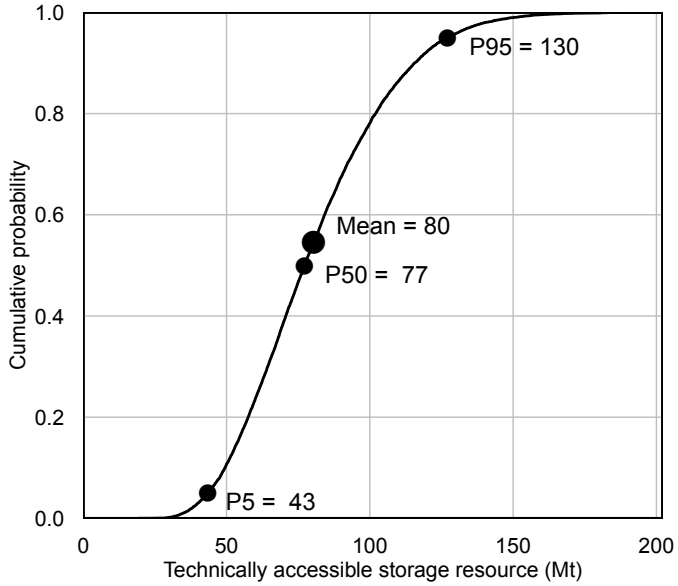


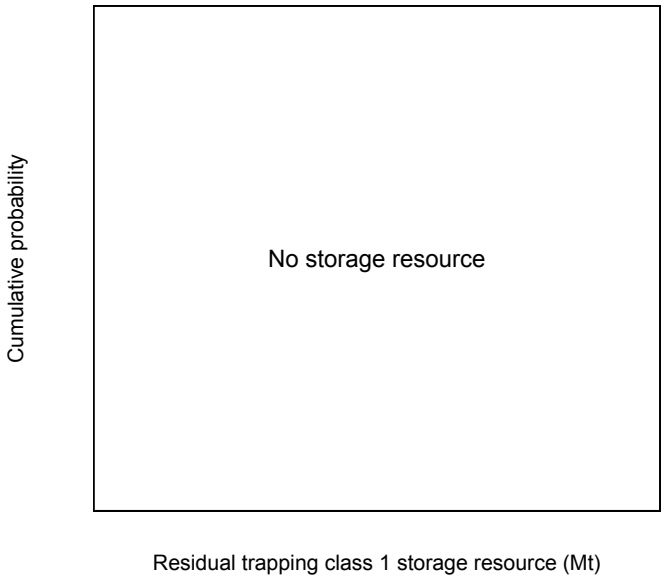


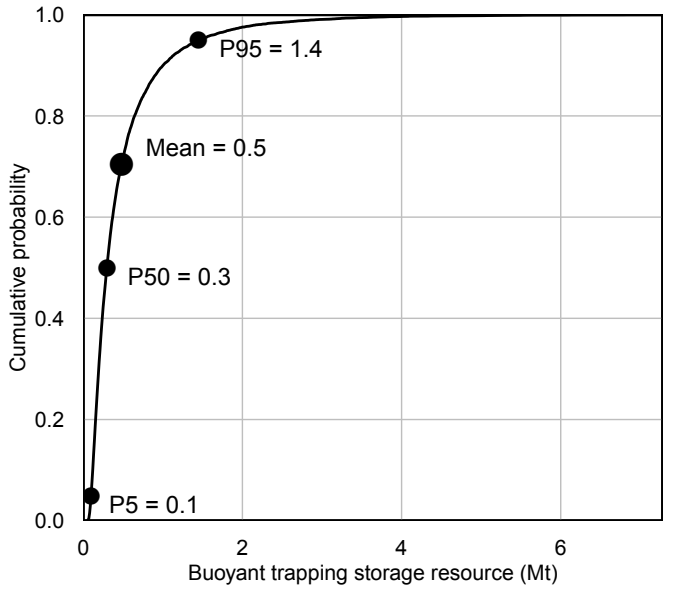


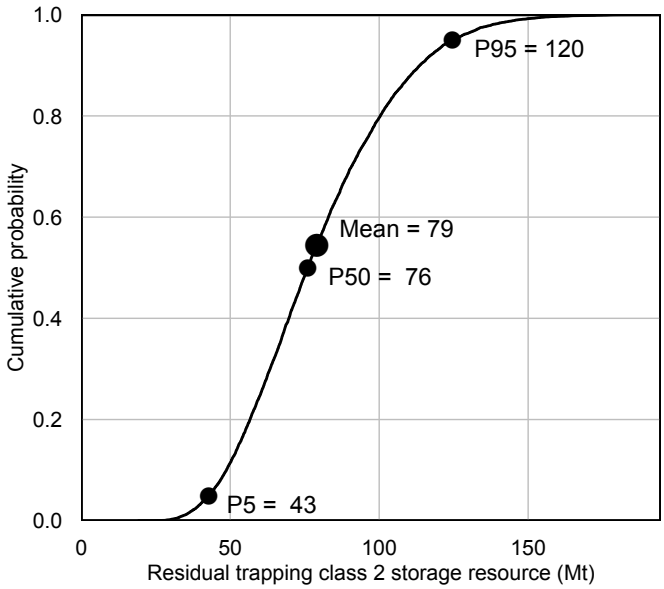


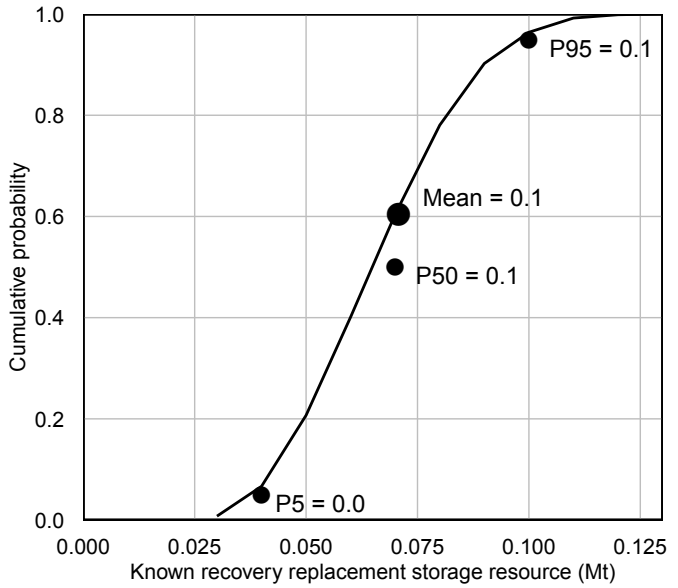
Black Warrior Basin C50650101

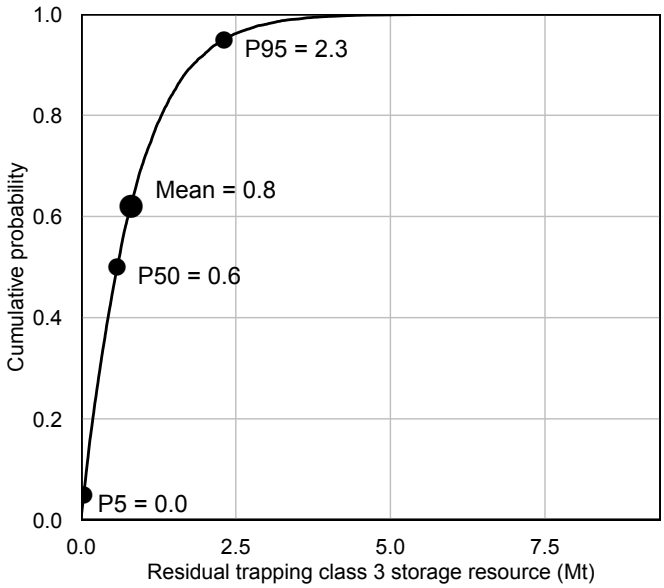




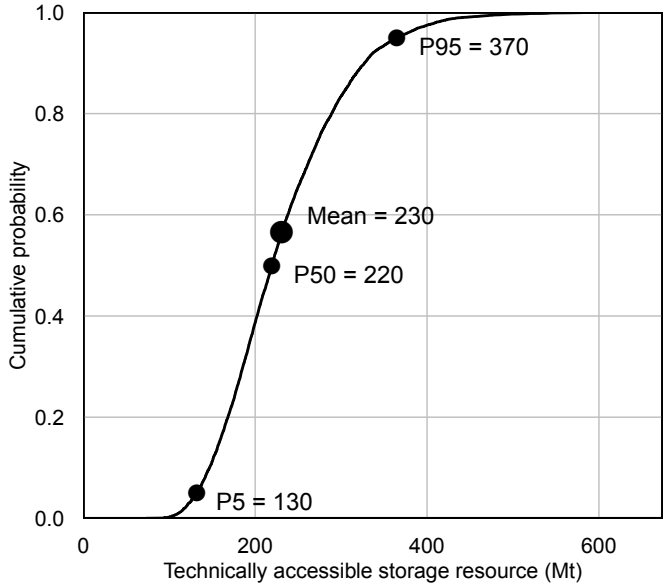


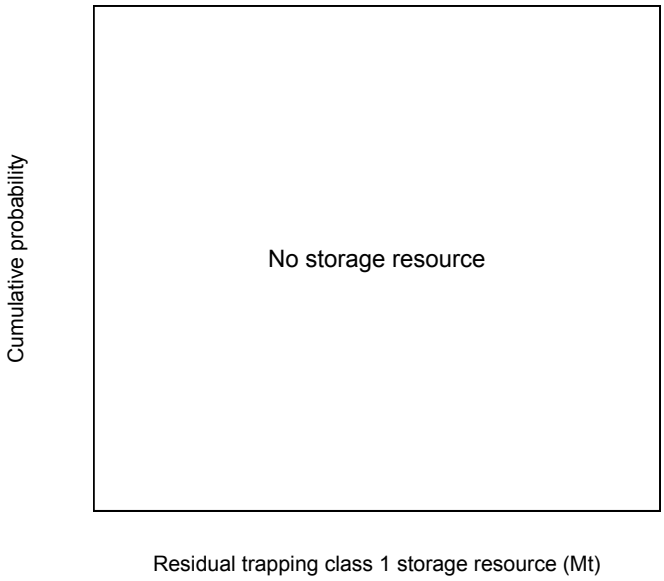


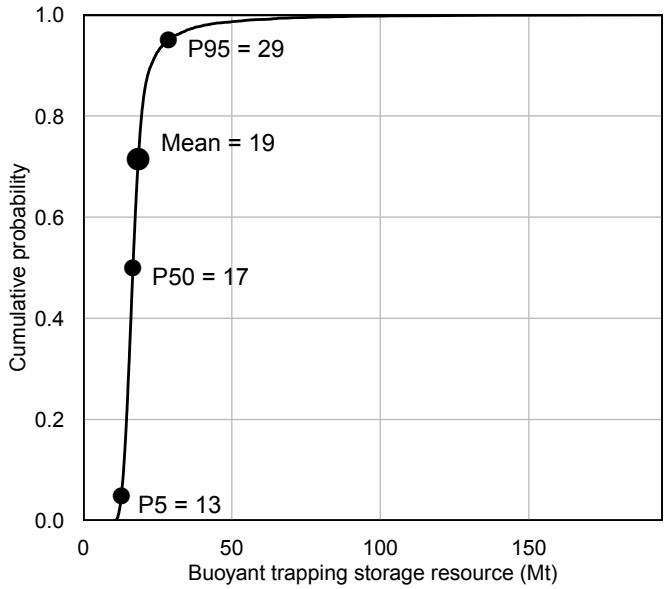


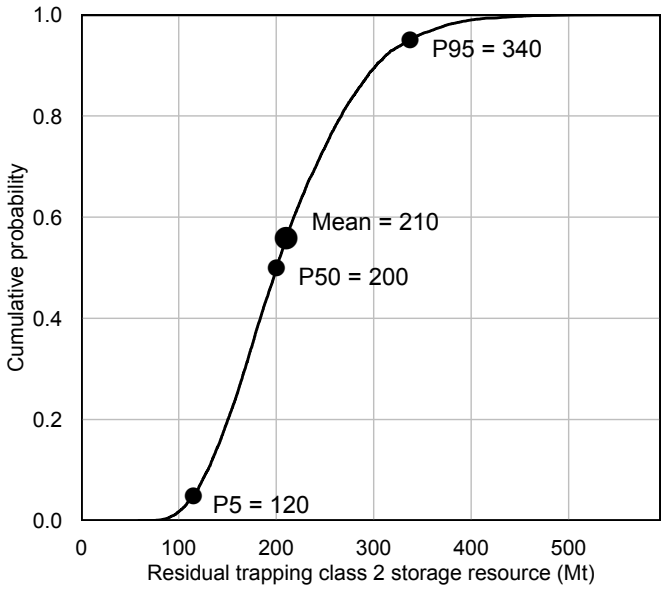


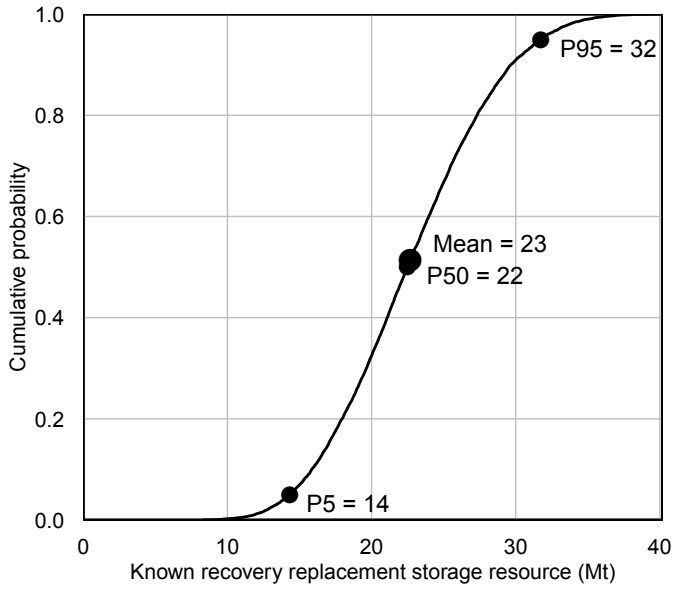
Black Warrior Basin C50650102

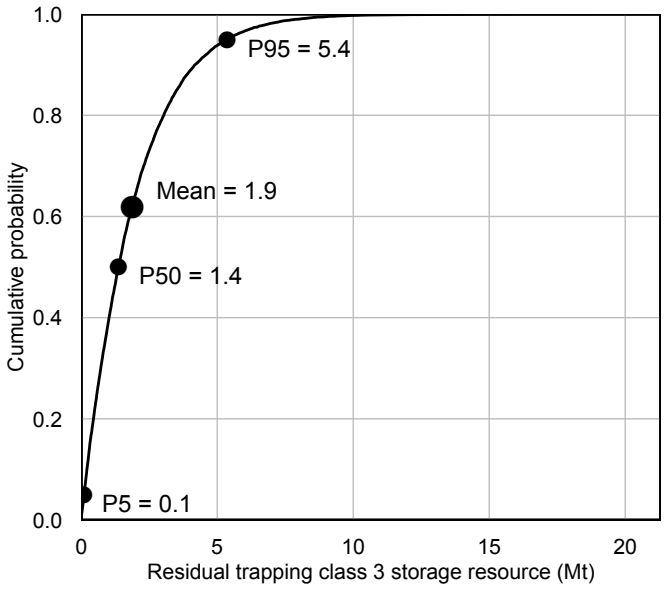




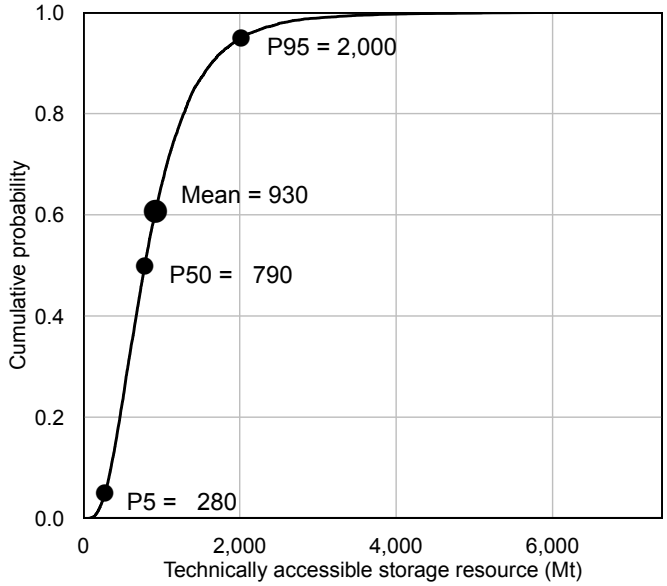


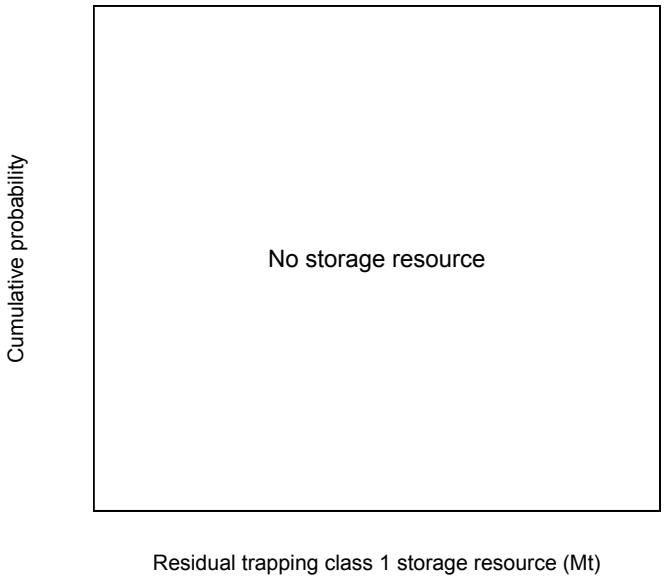


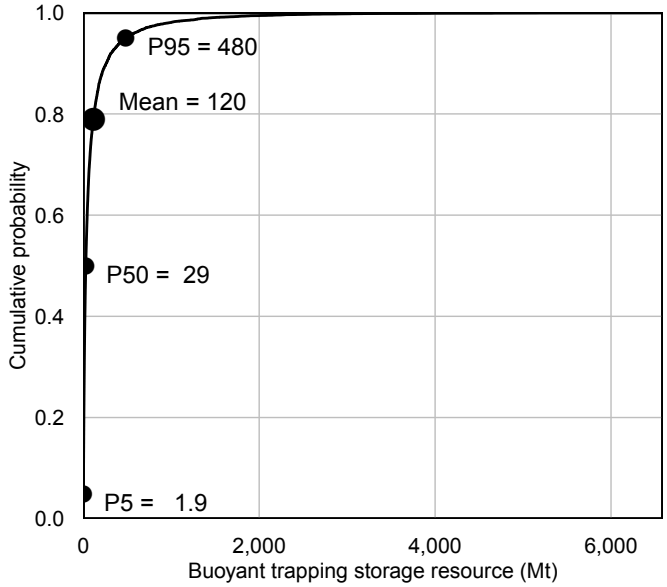


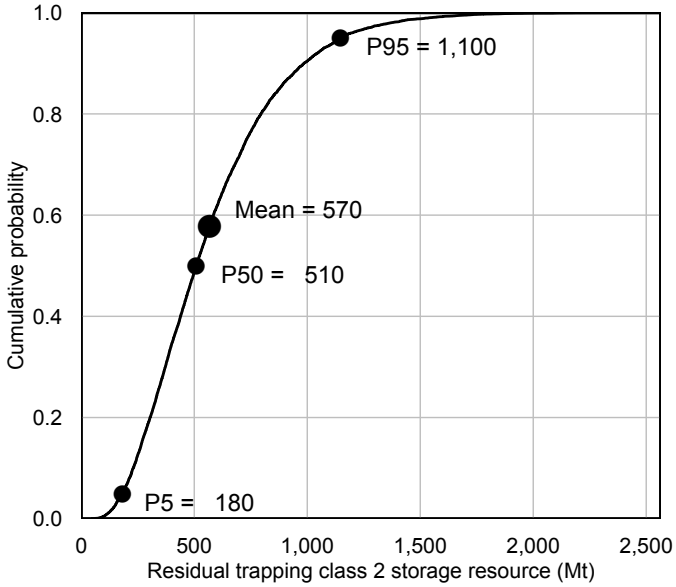


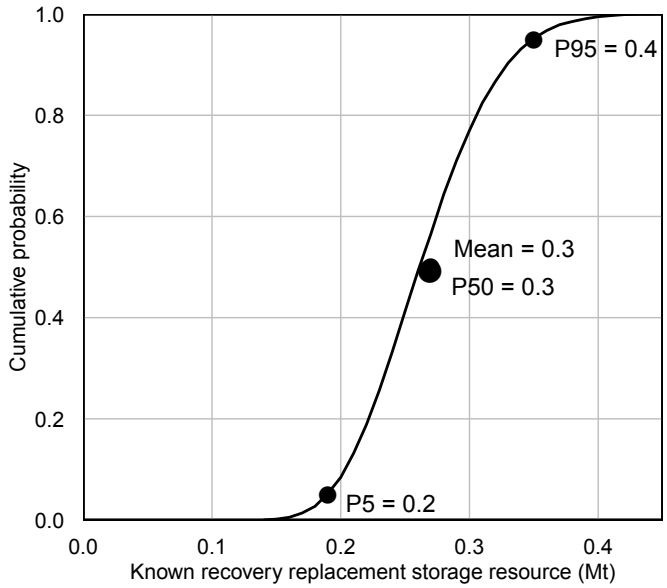
Denver Basin C50390101

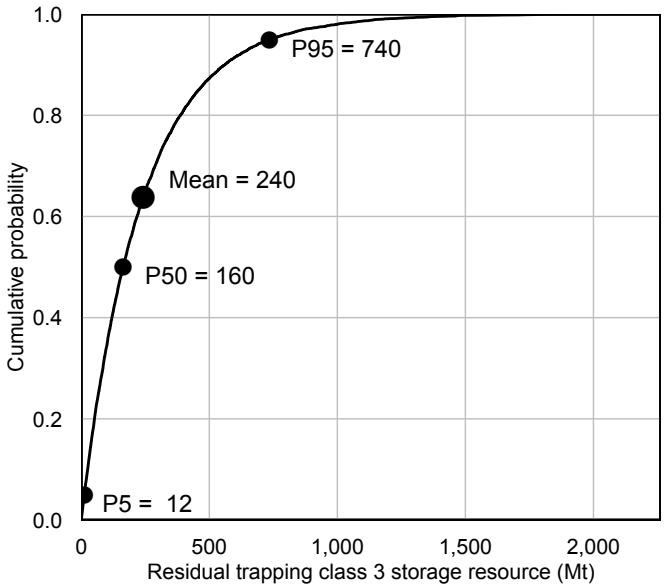




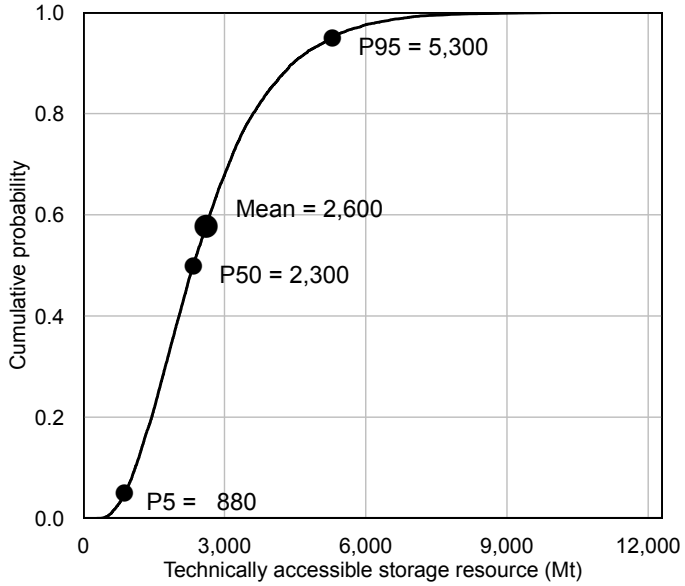


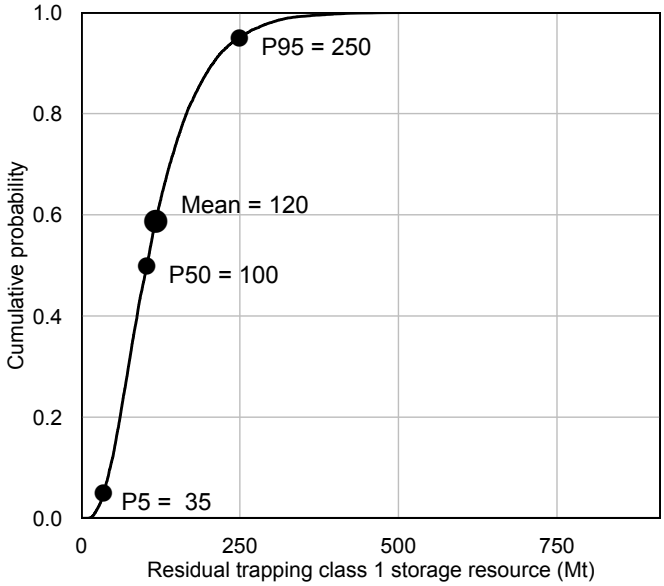


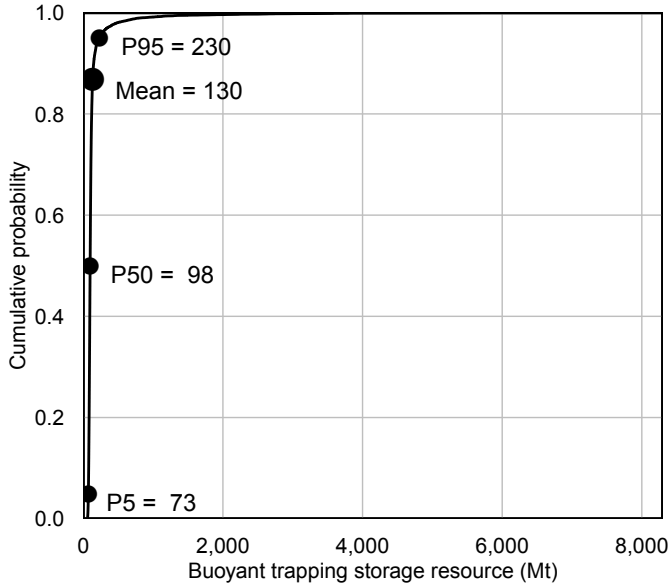


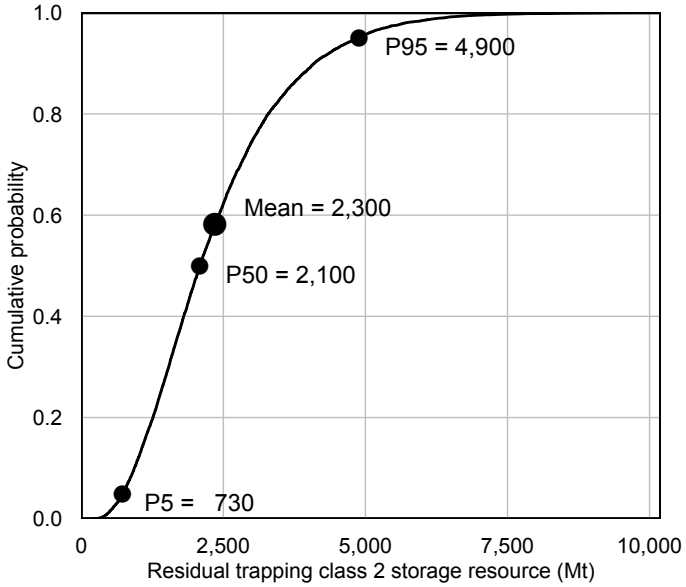


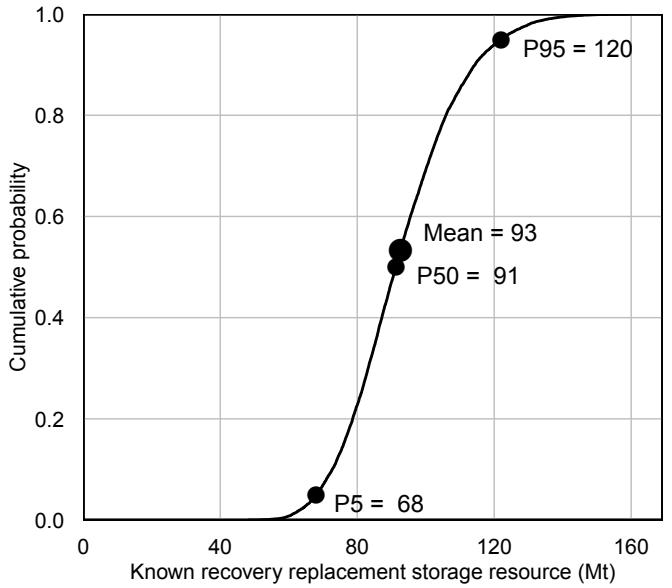
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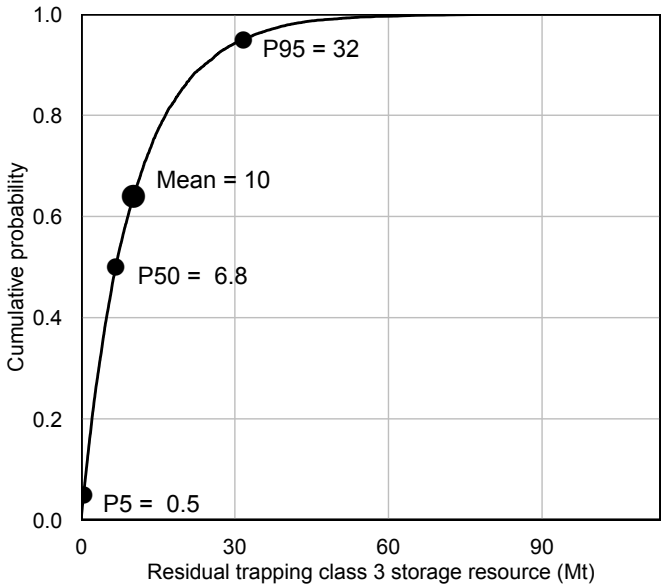




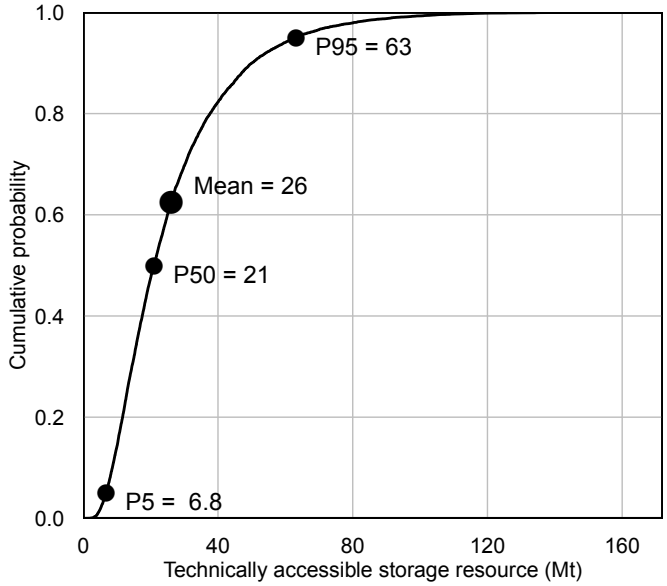


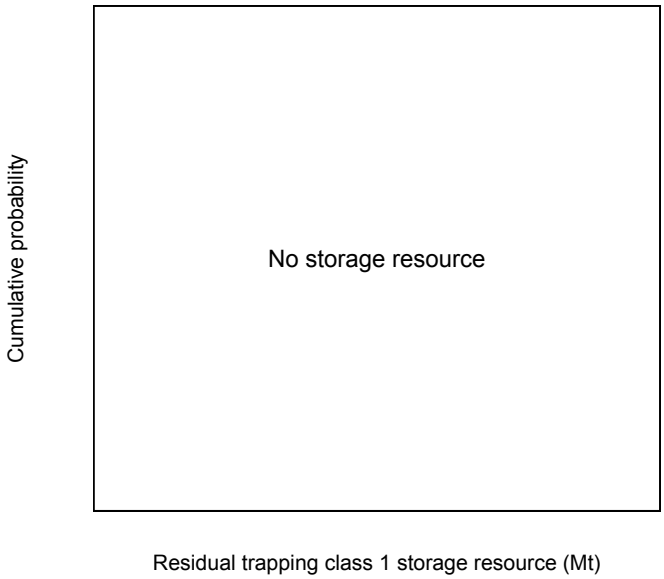


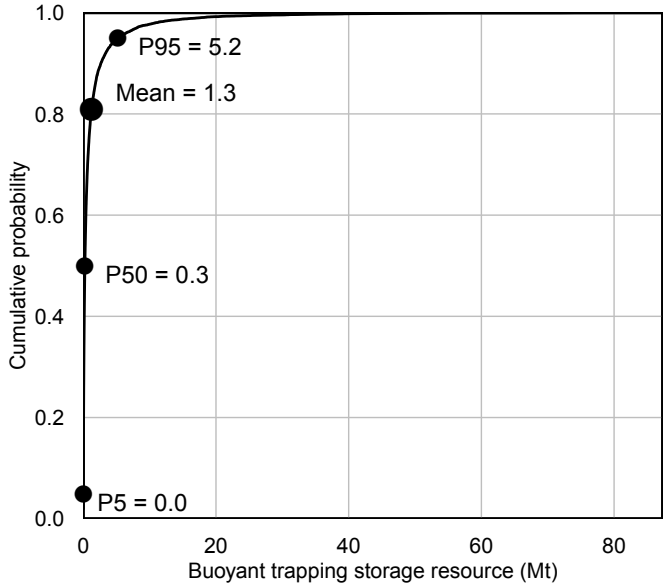


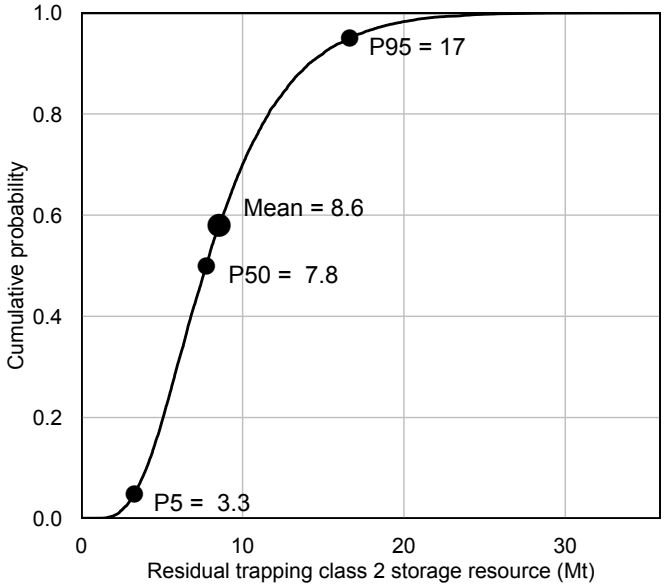


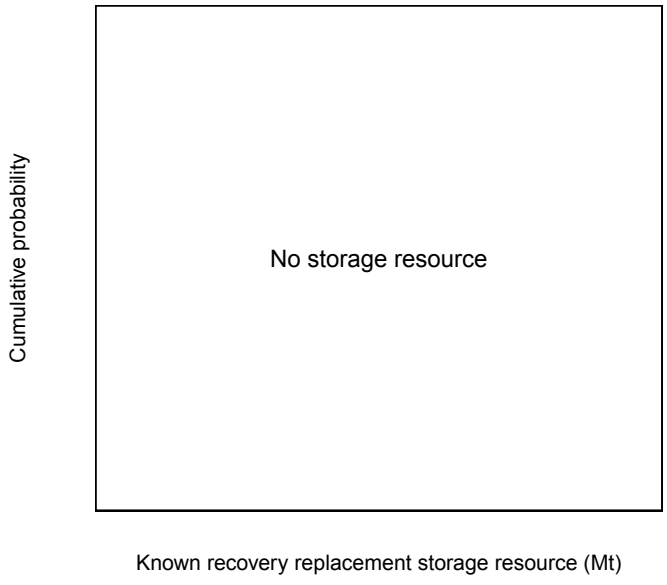
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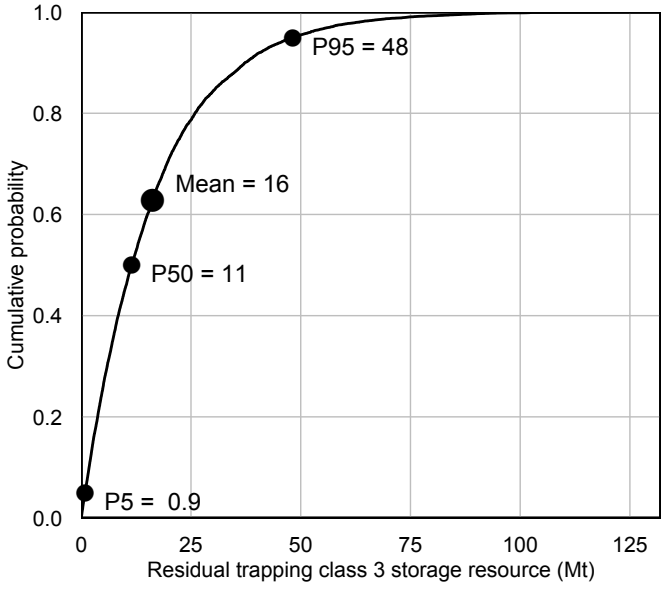




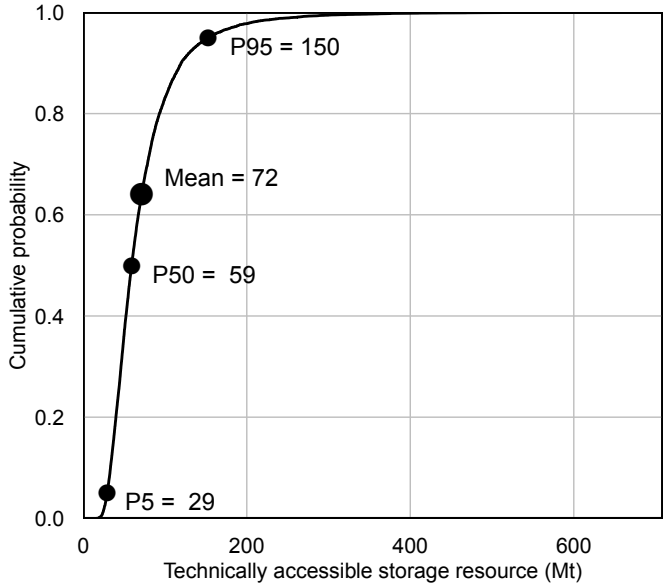


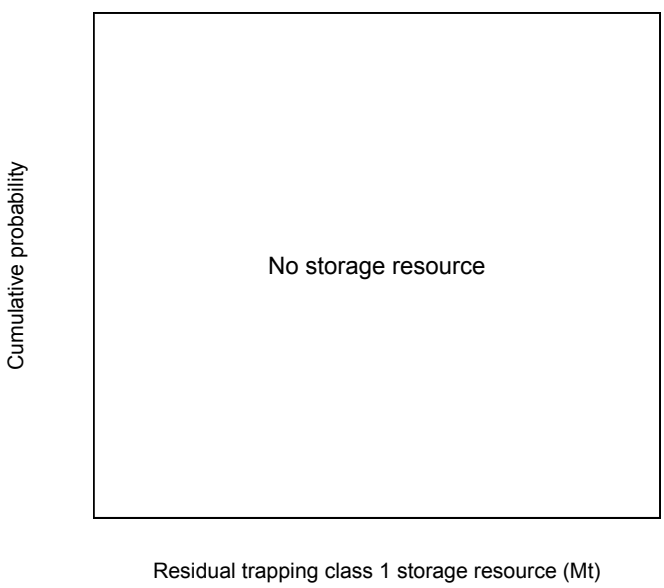


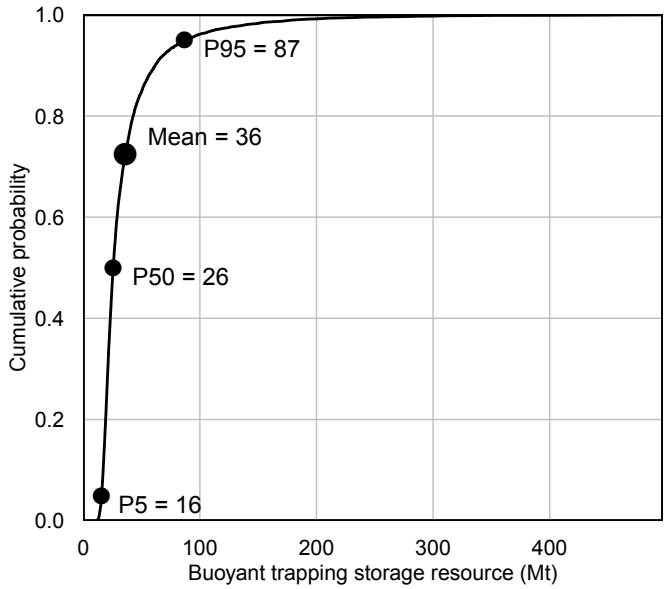


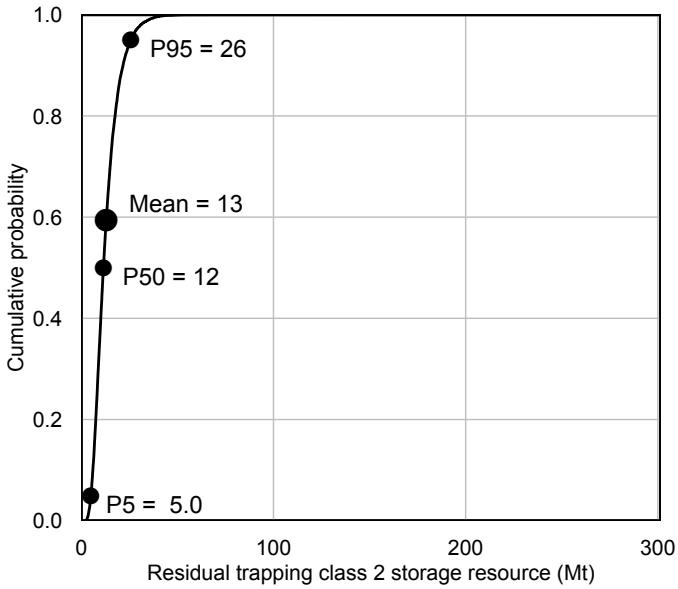


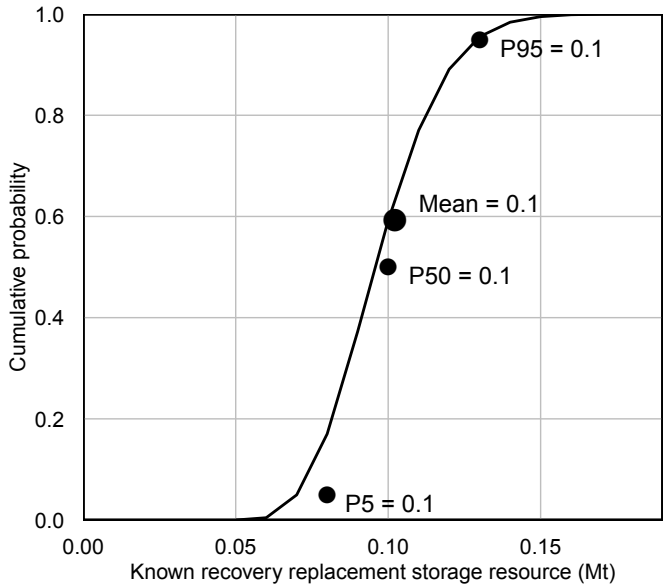
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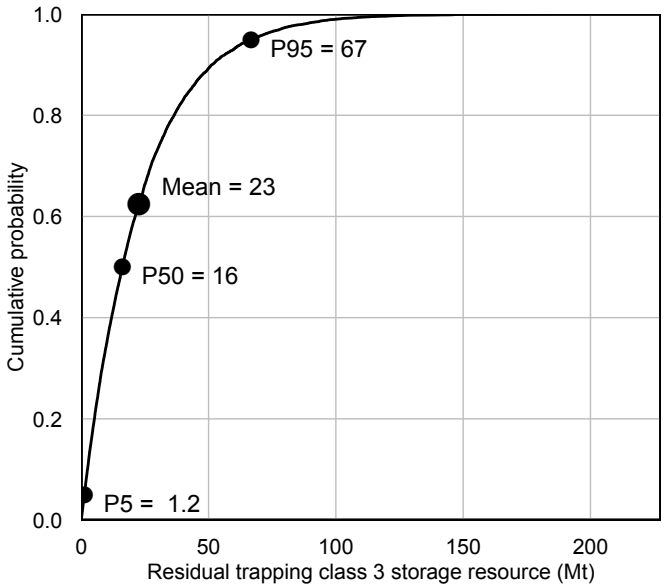




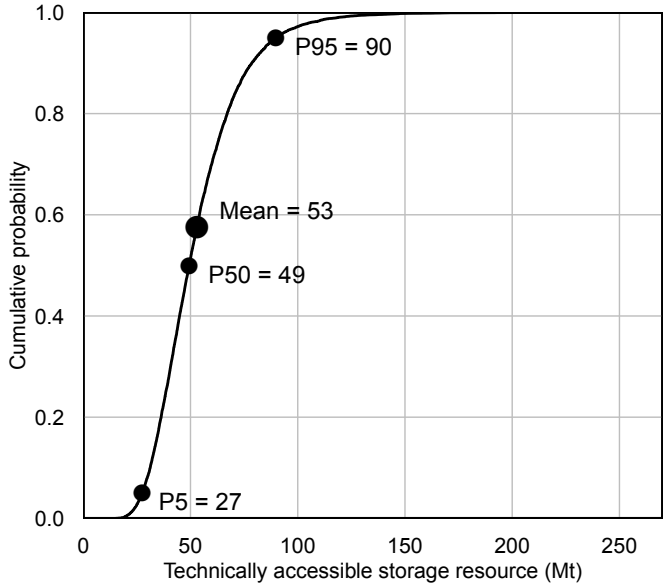


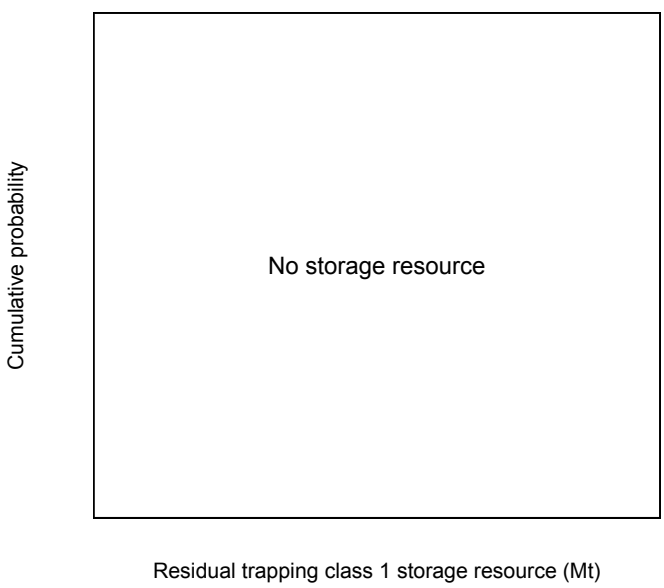


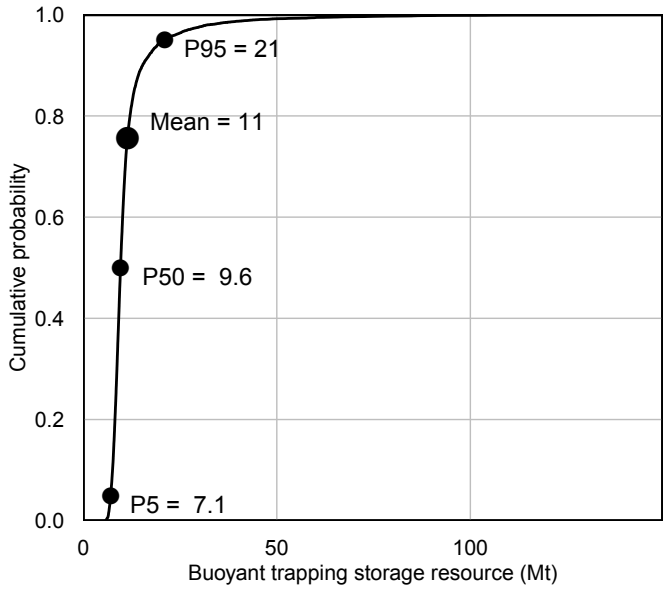


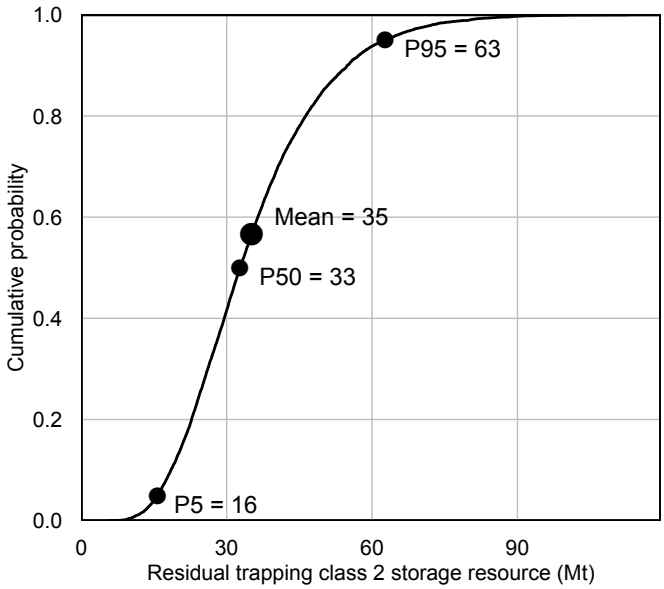


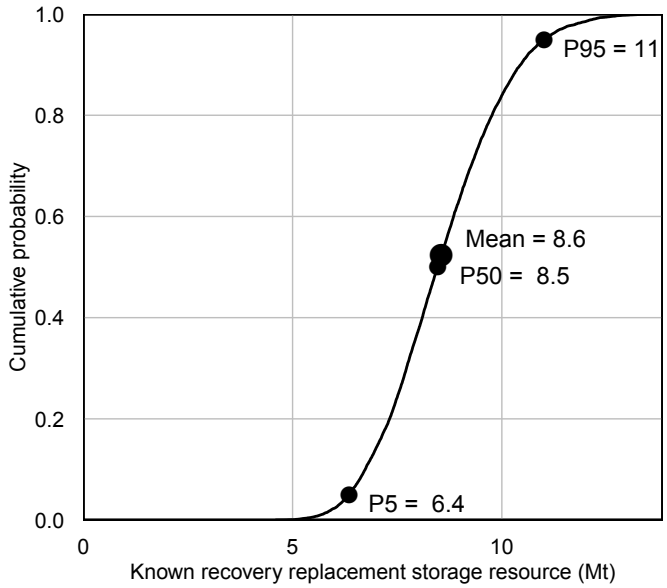
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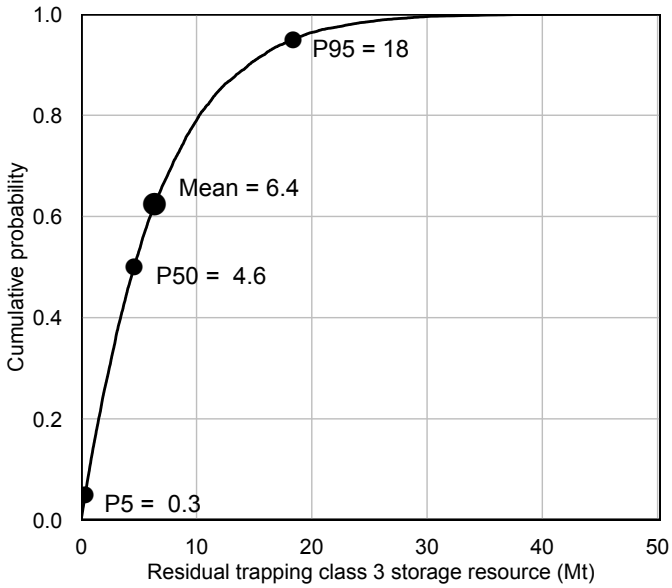




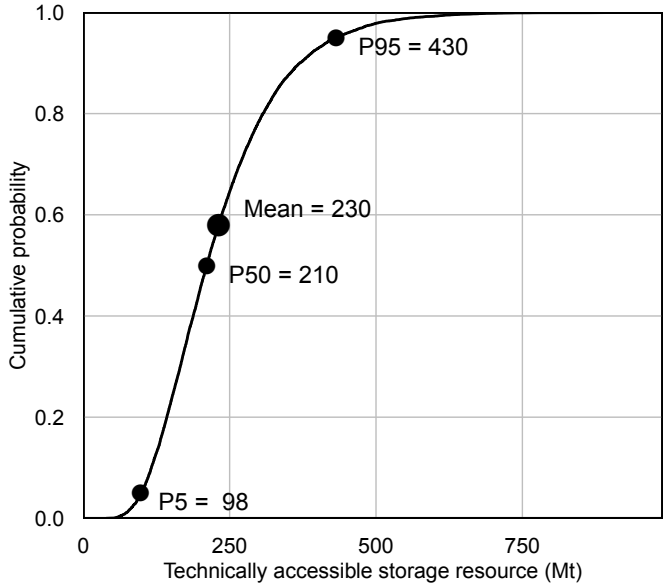


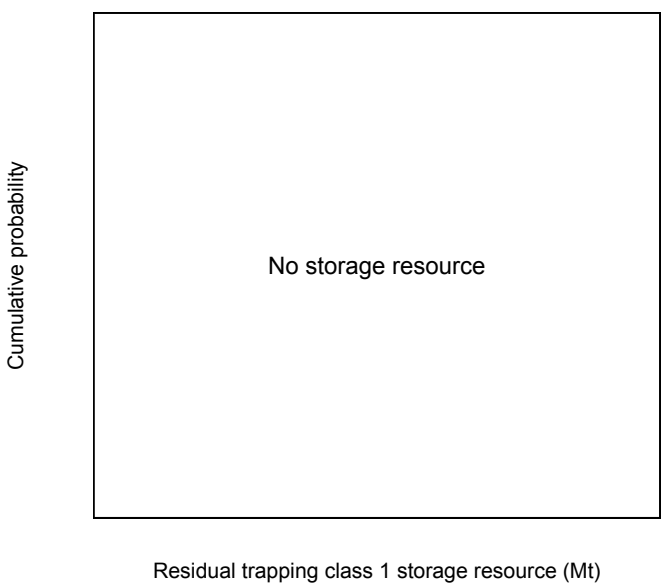


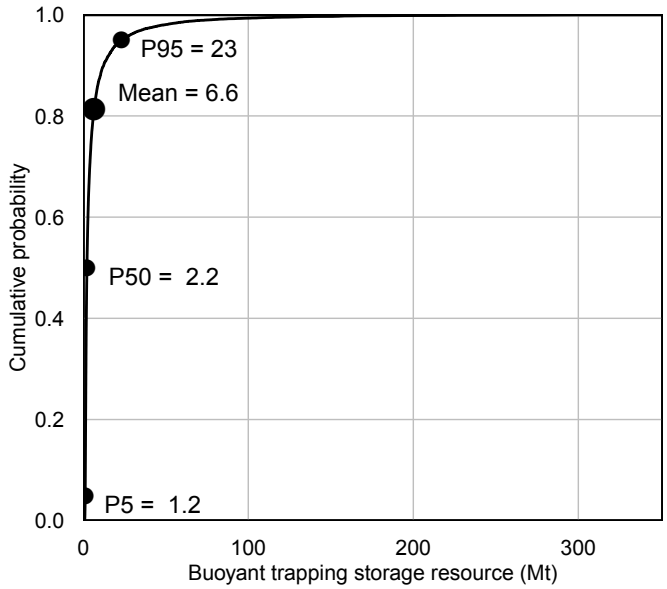


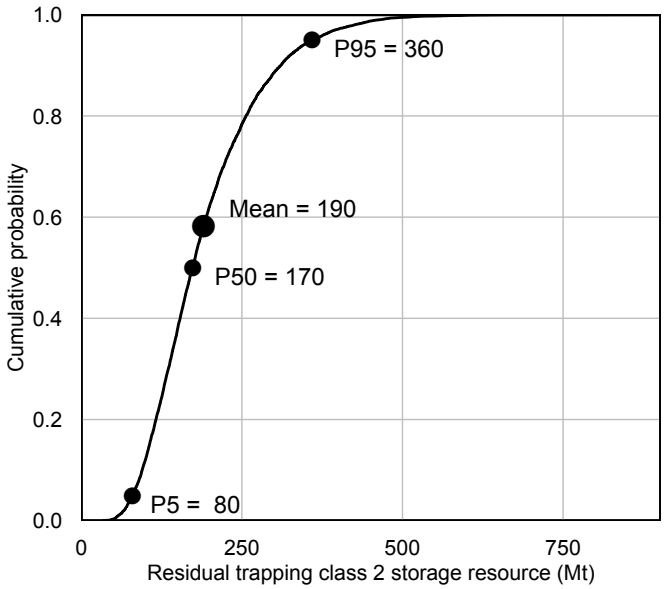


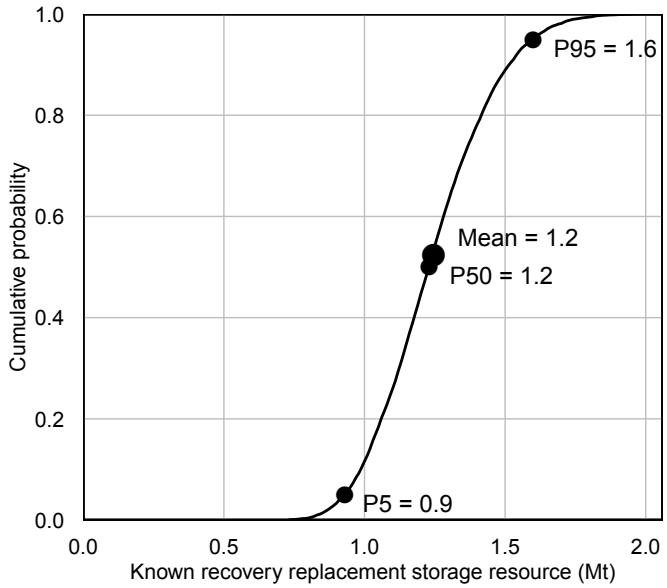
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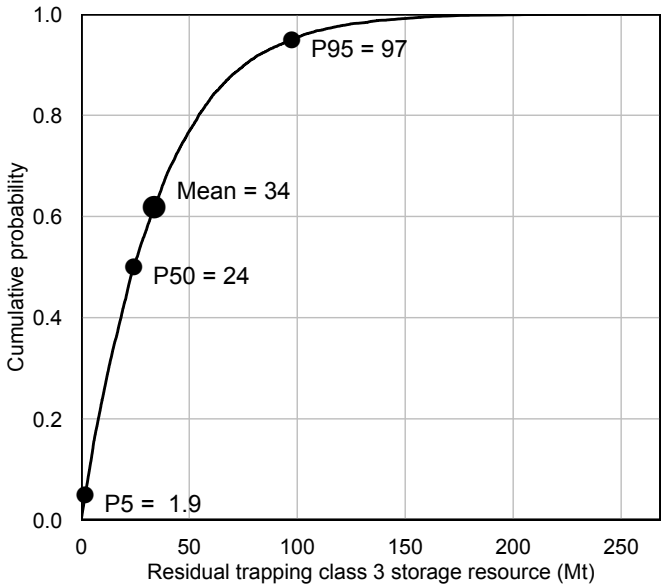




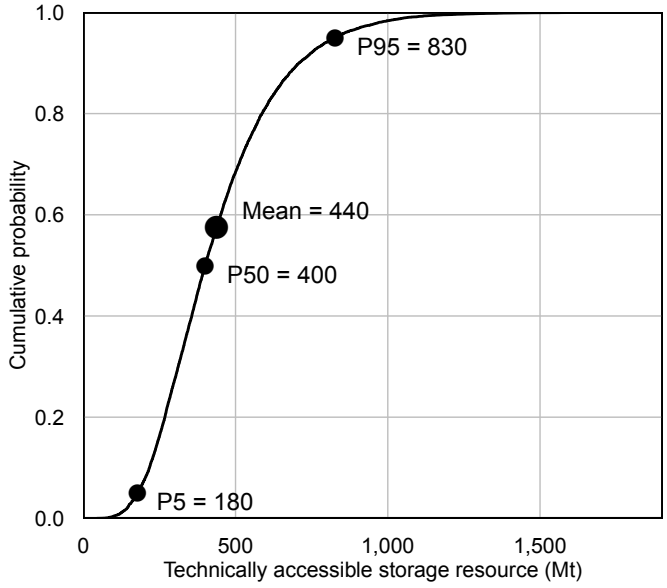


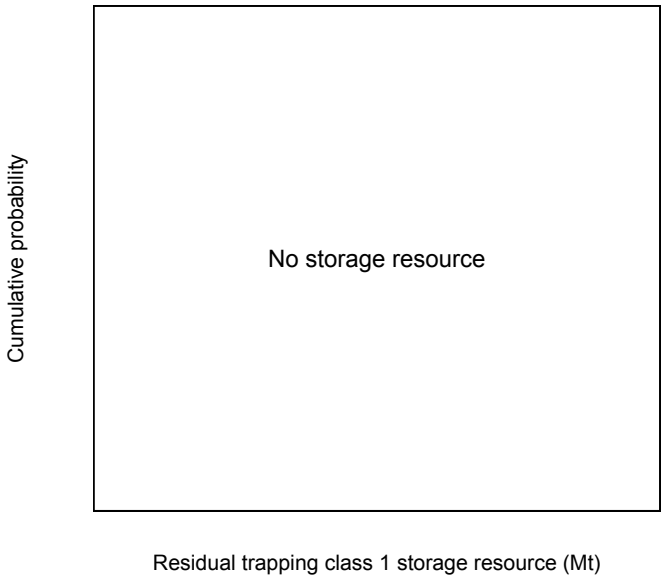


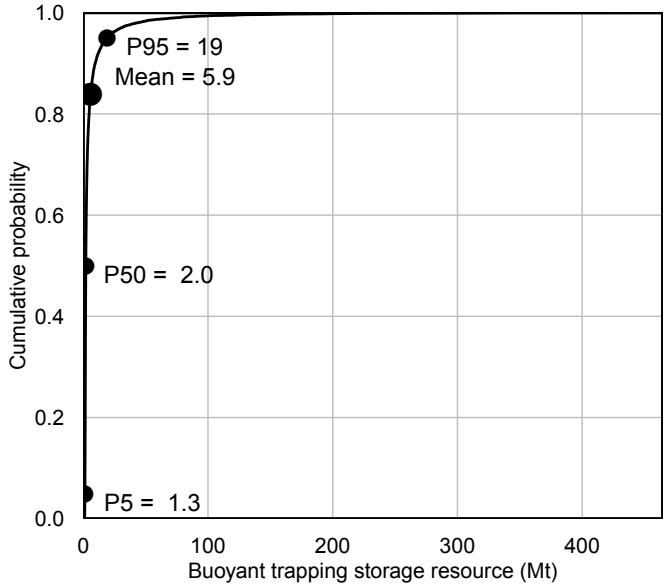


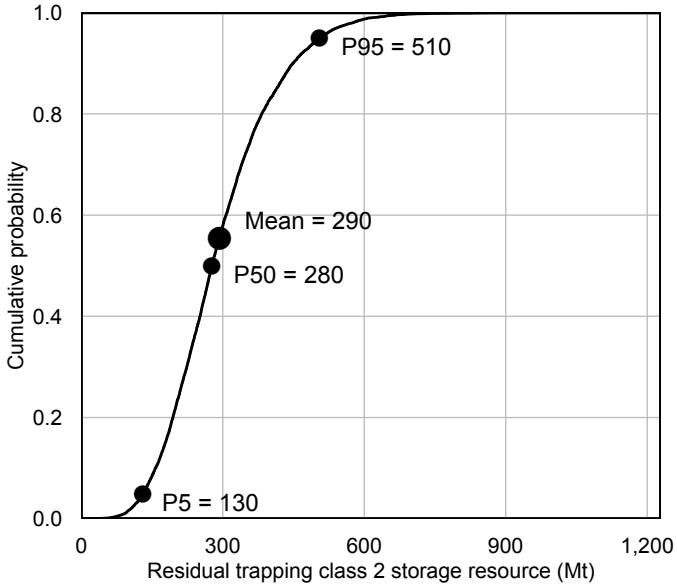


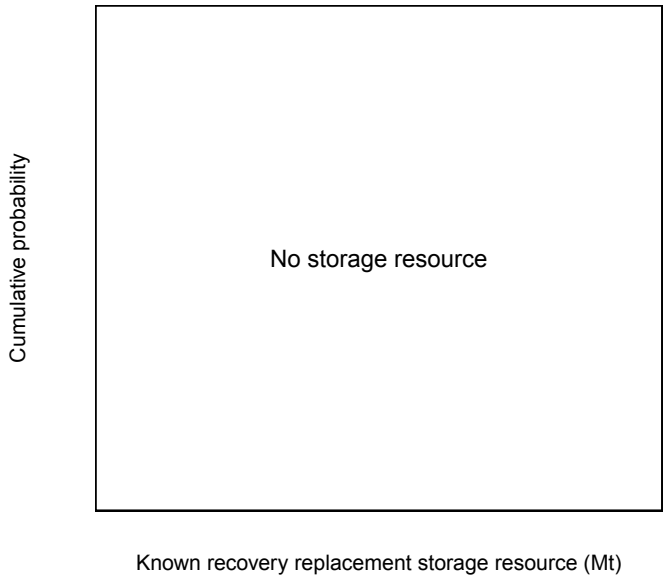
Eastern Mesozoic Rift Basins C50680101

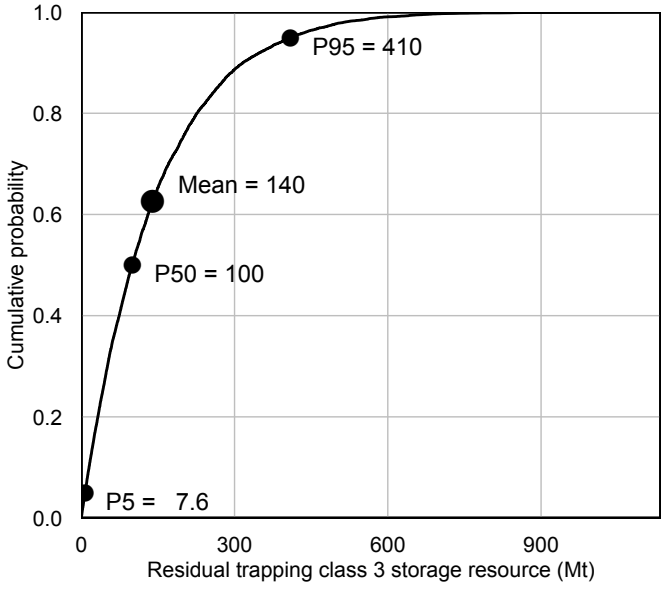




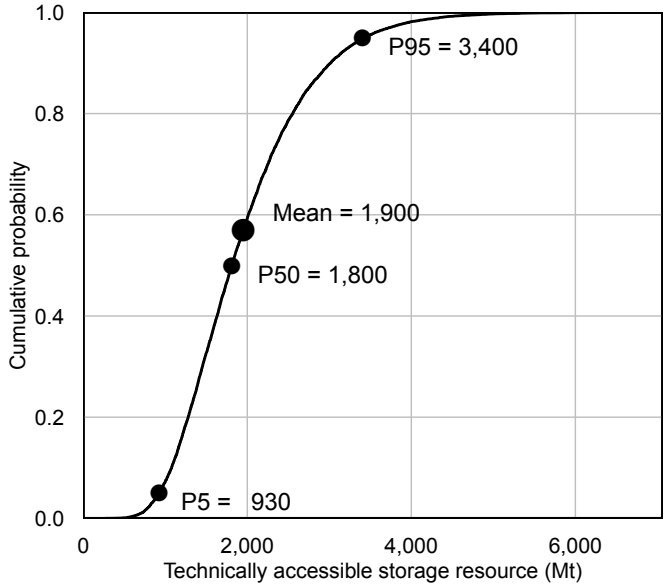


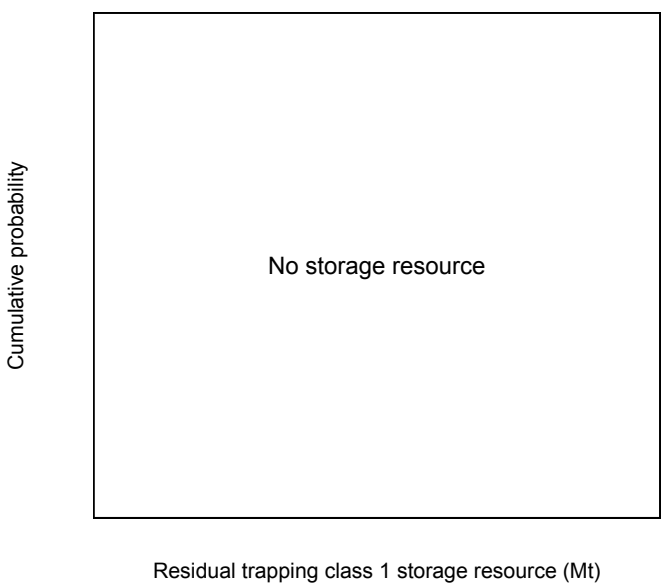


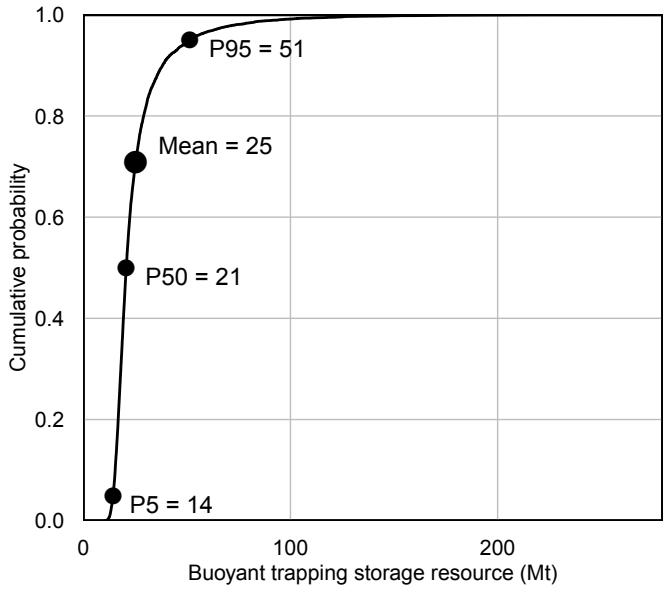


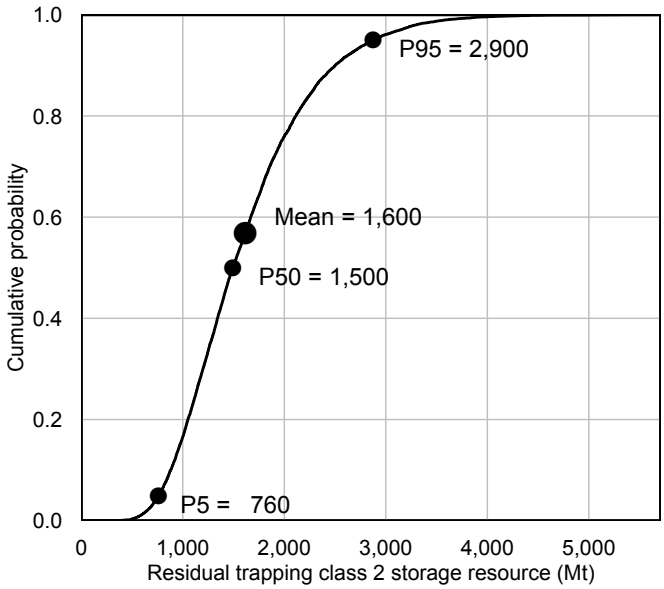


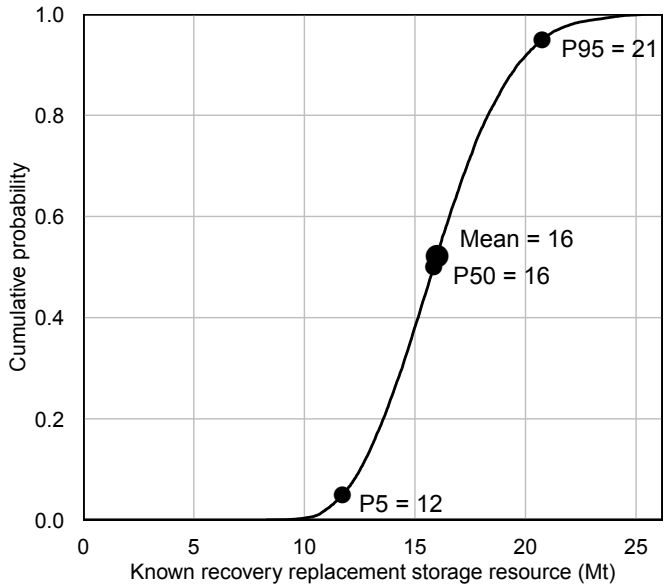
Greater Green River Basin C50370101

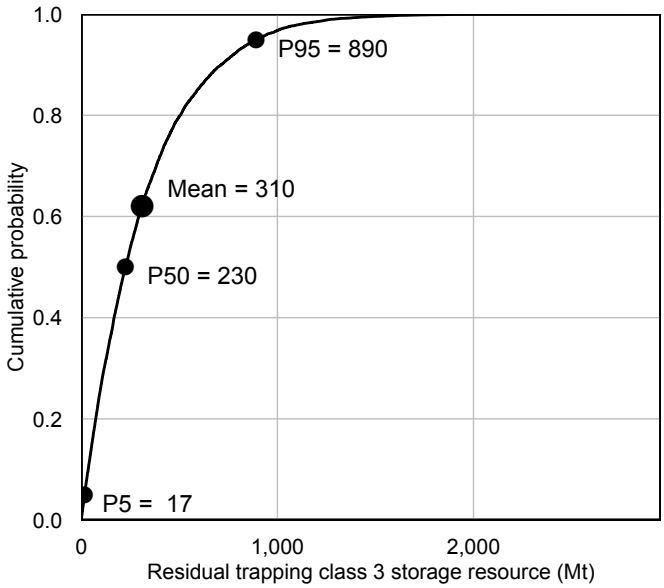




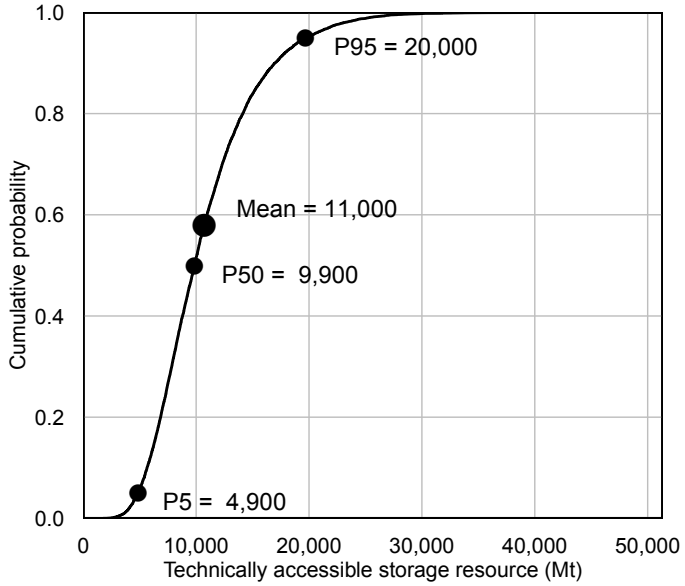


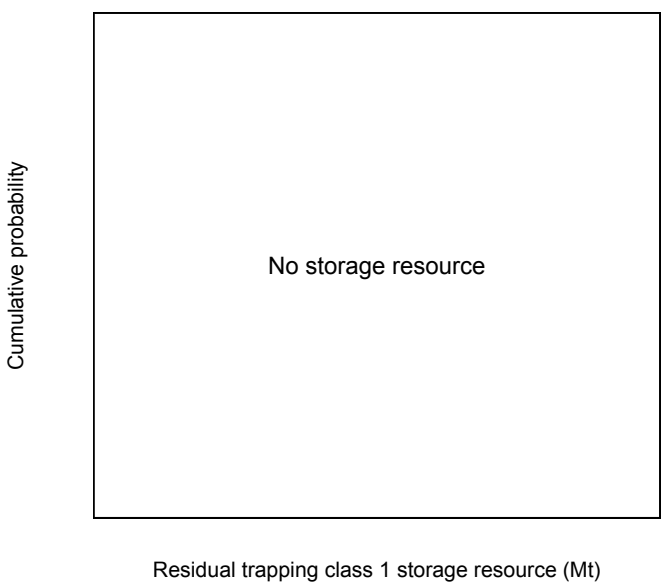


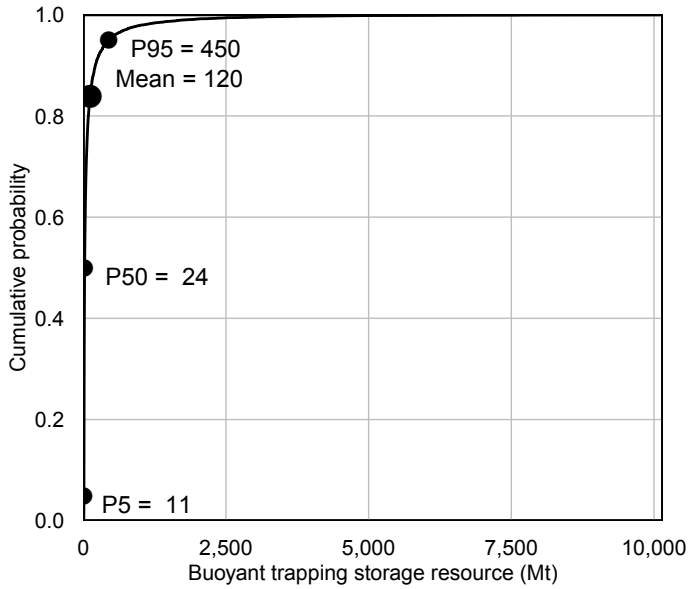


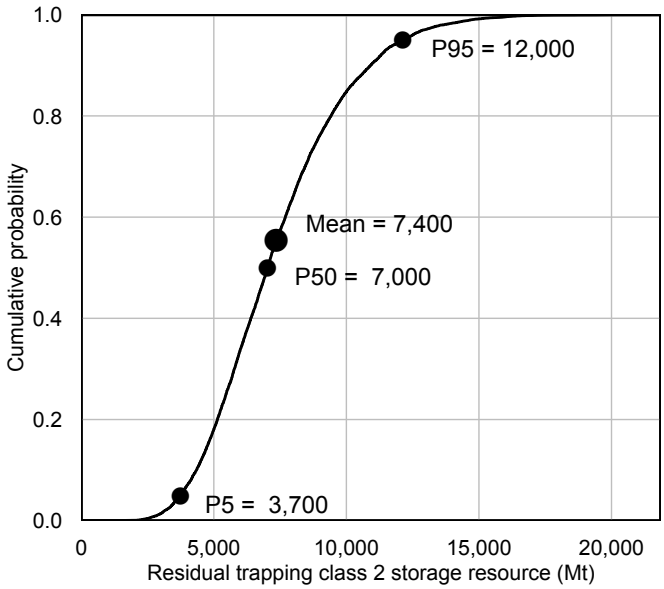


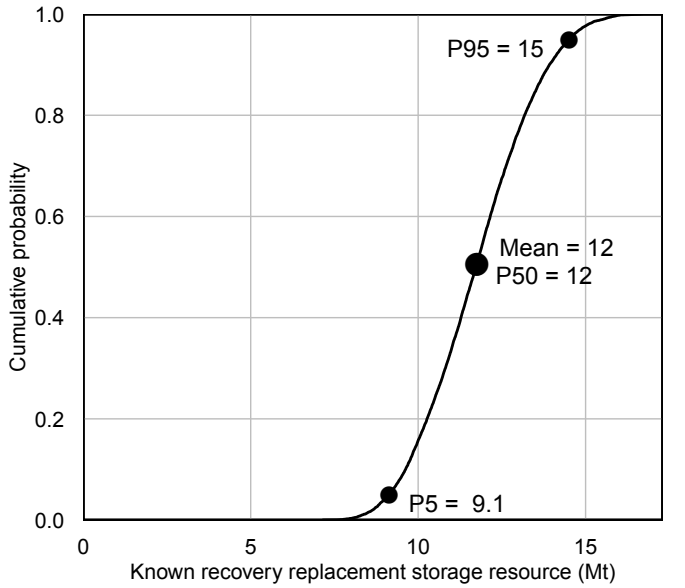
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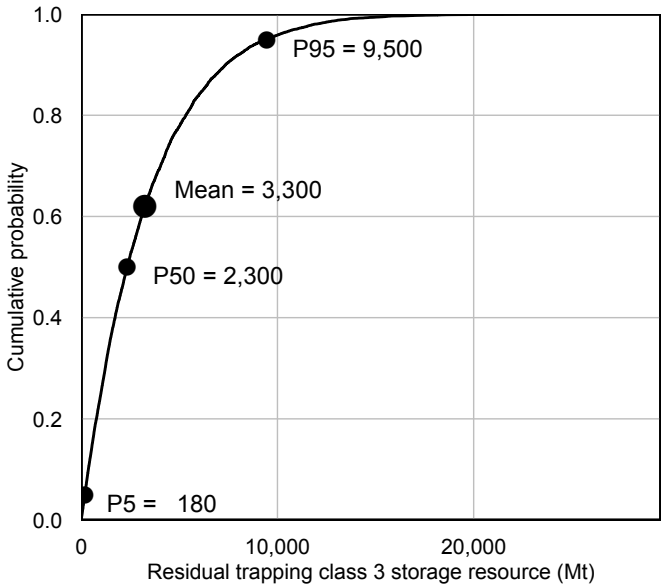




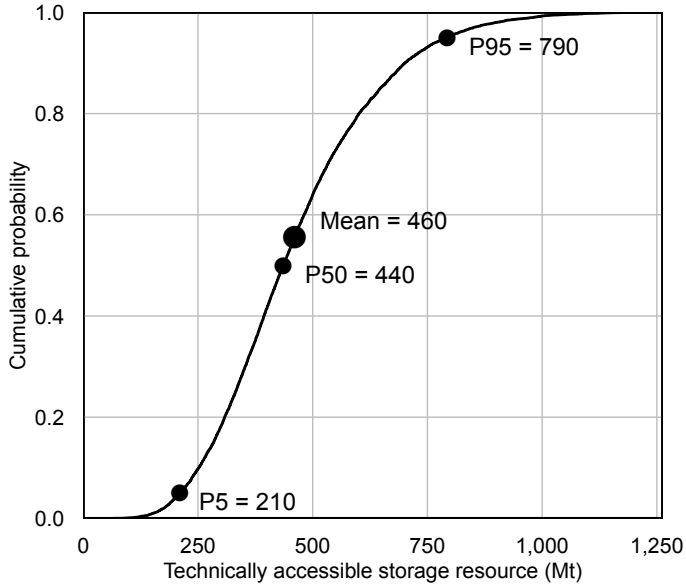


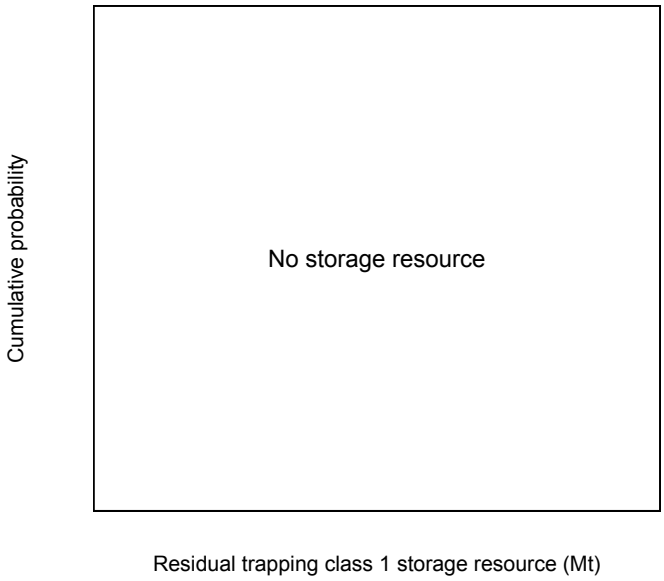


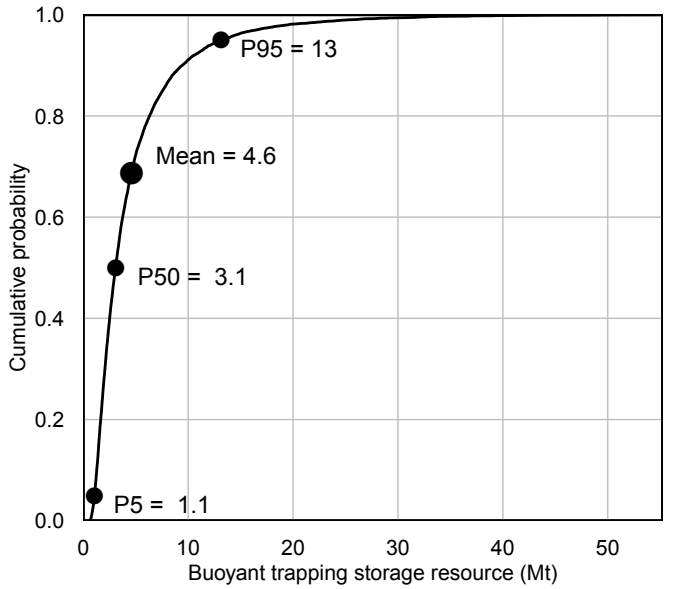


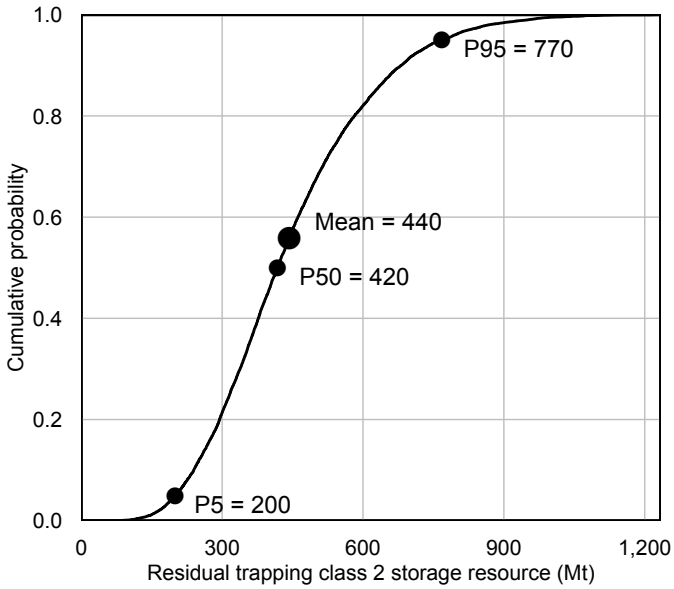


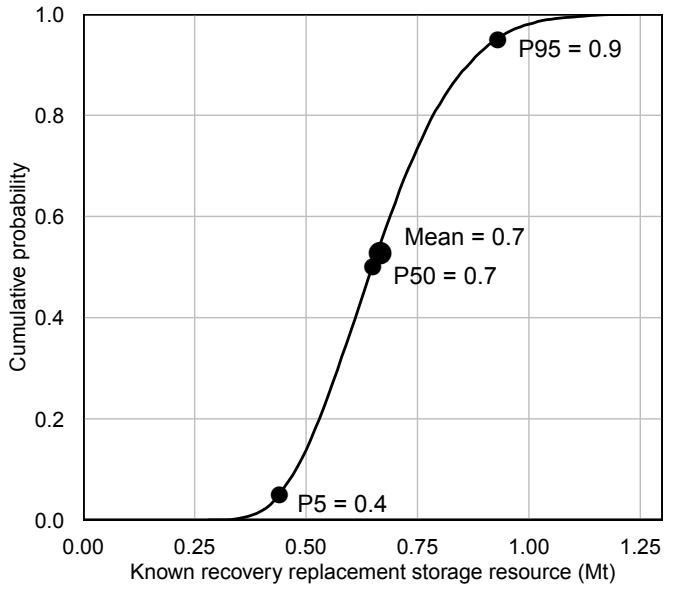
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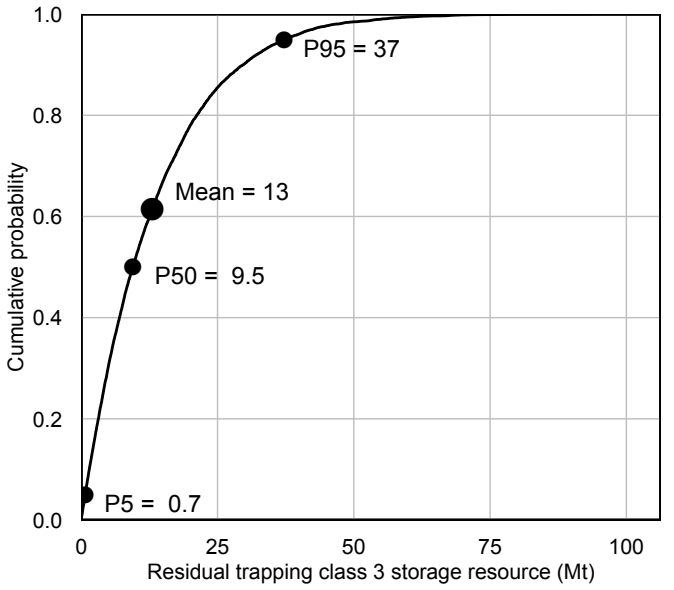




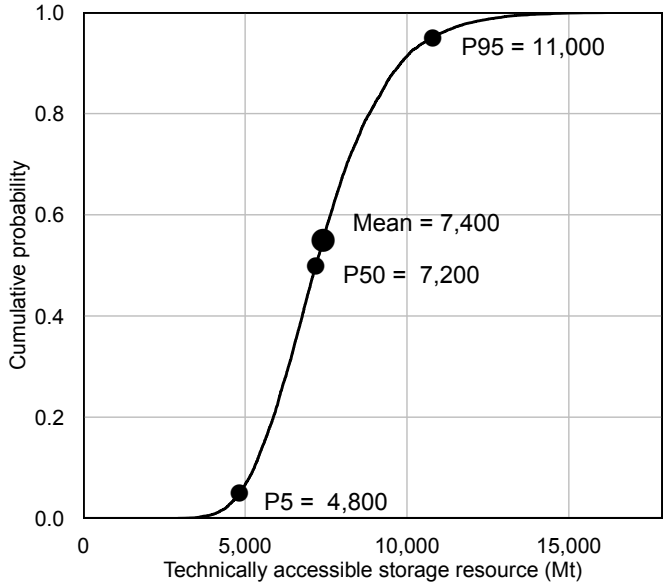


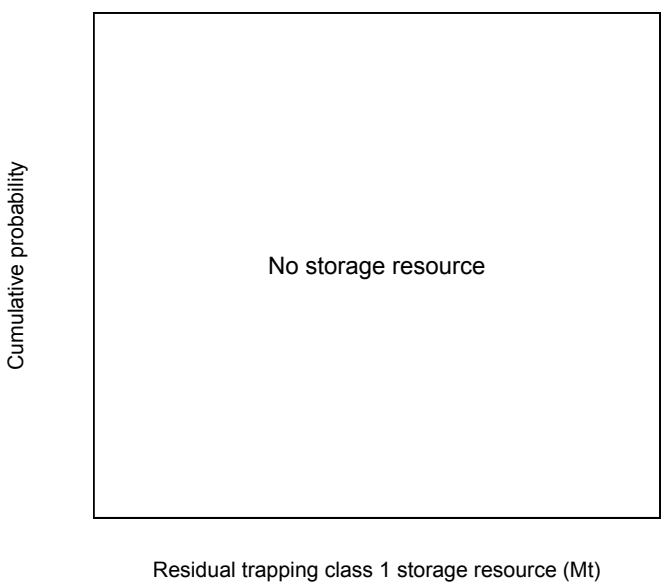


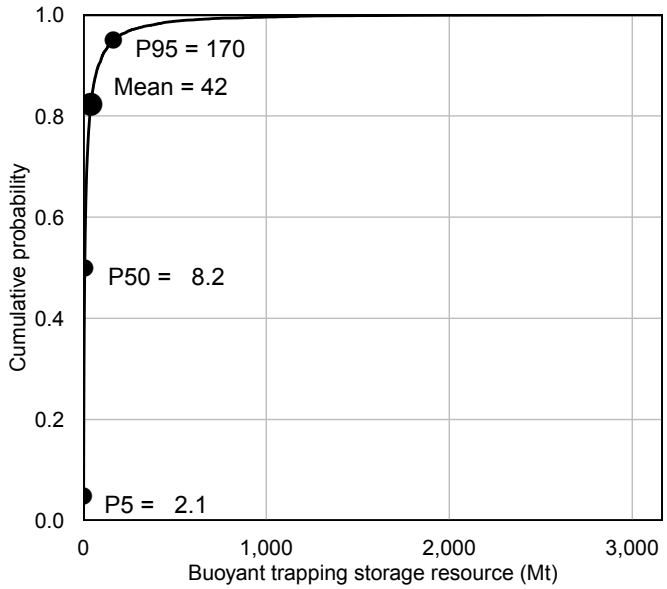


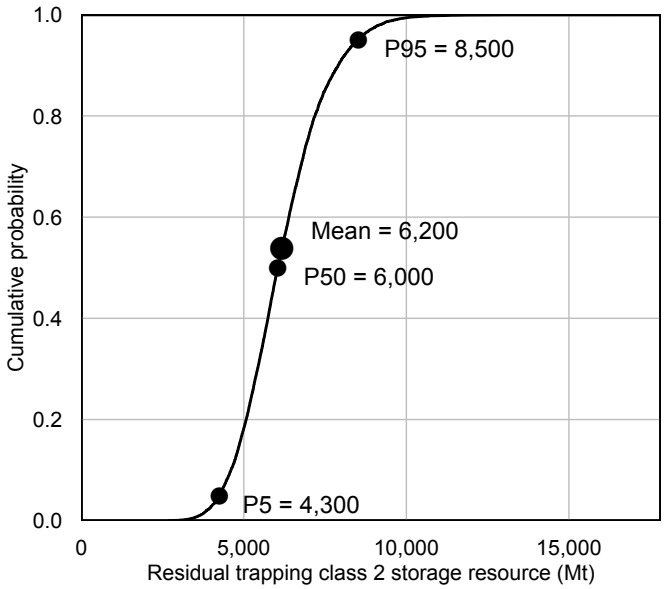


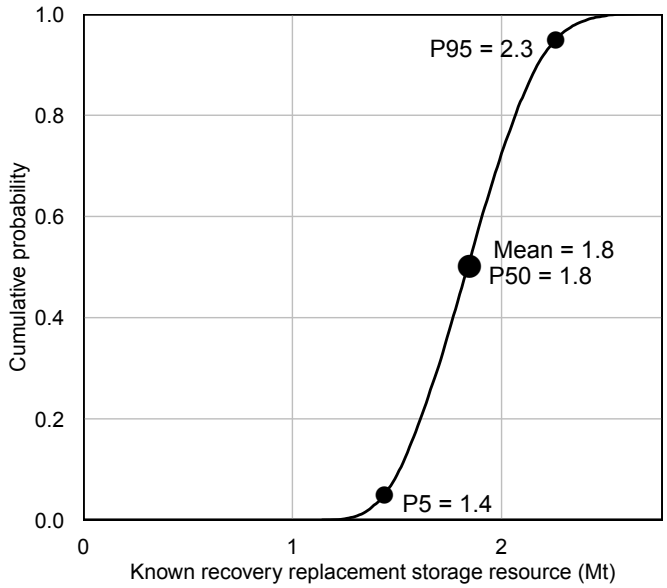
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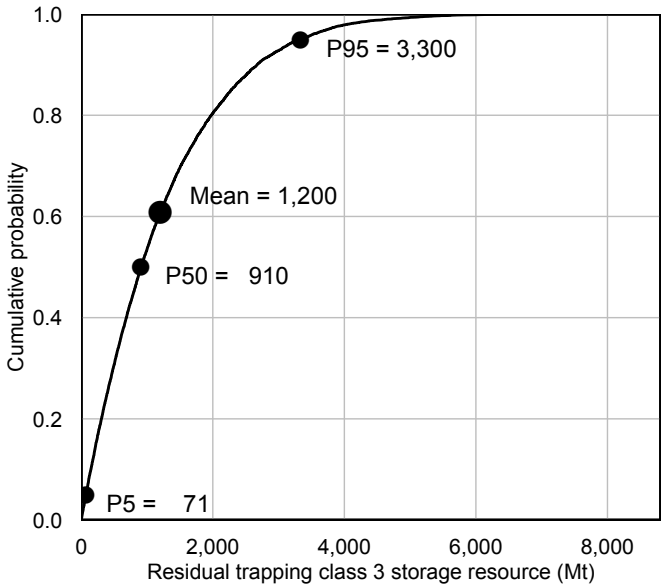




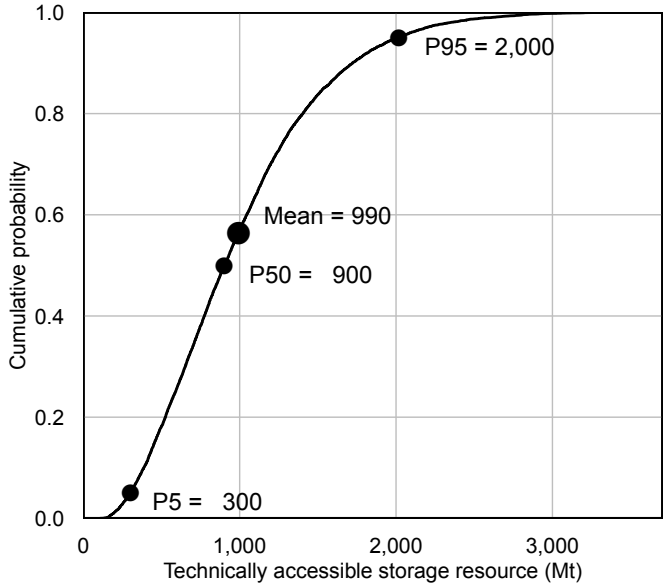


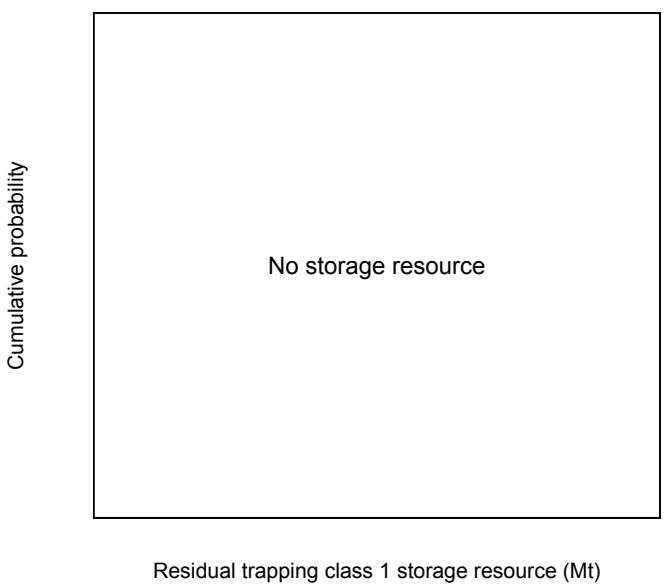


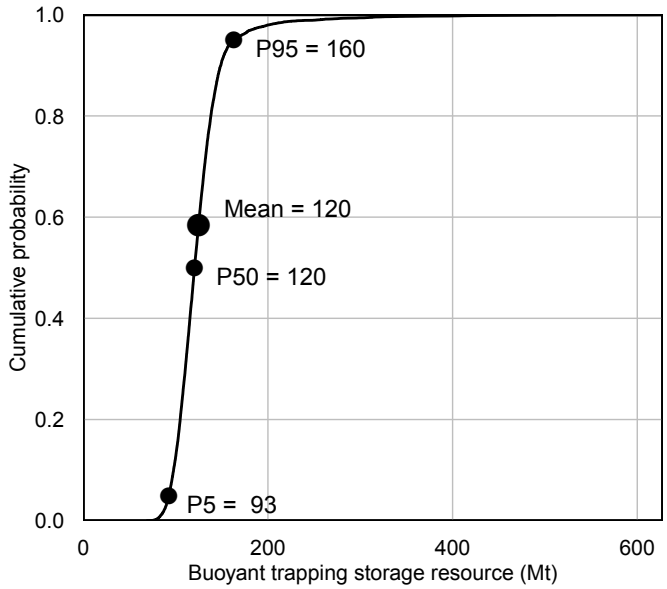


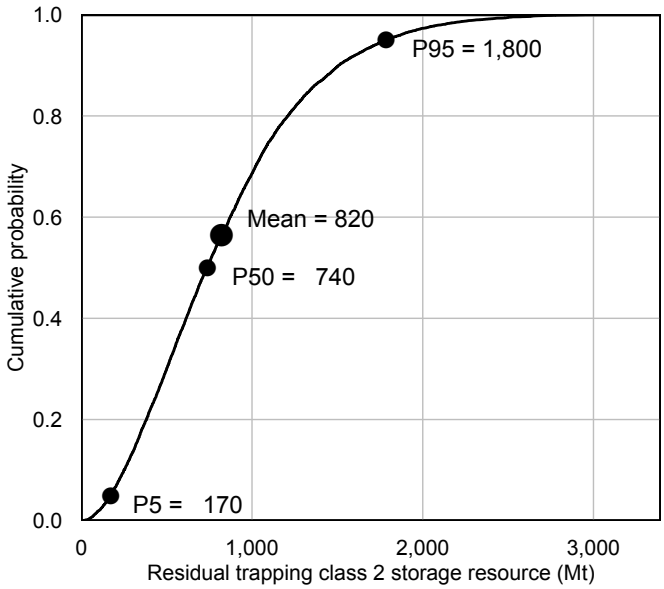


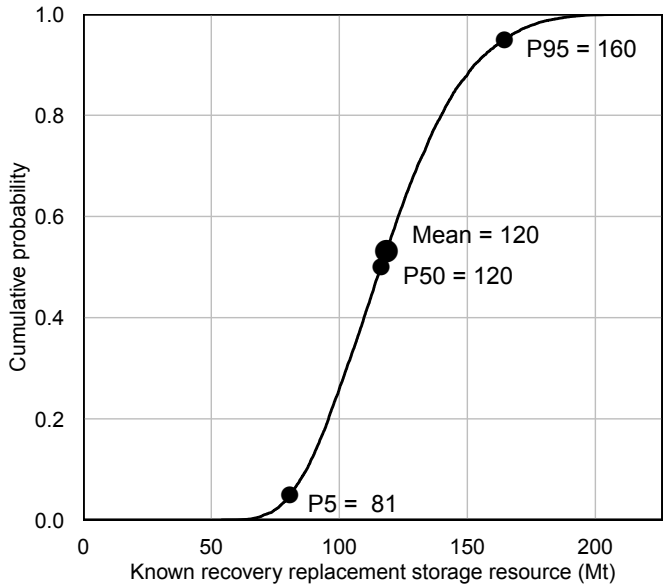
Greater Green River Basin C50370105

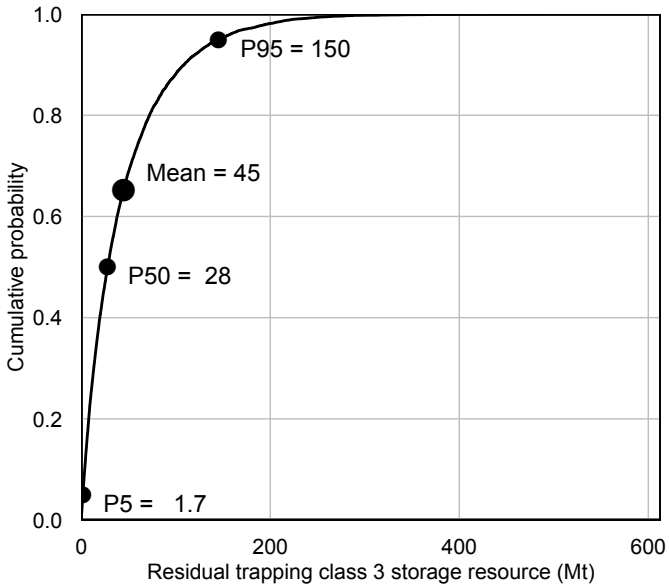




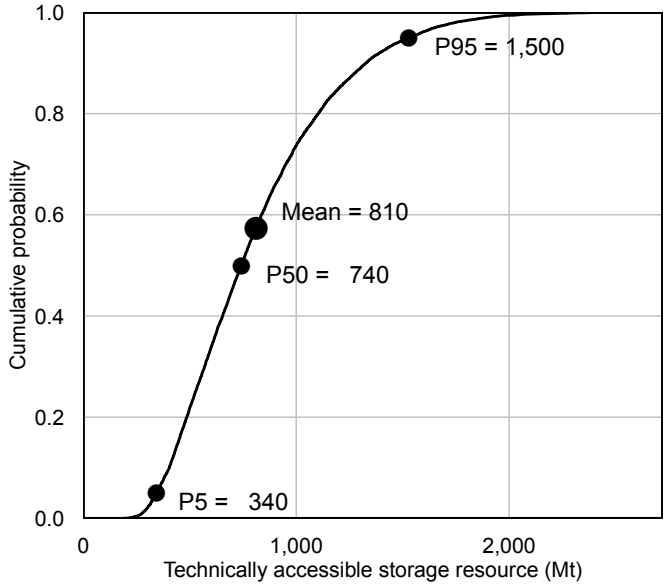


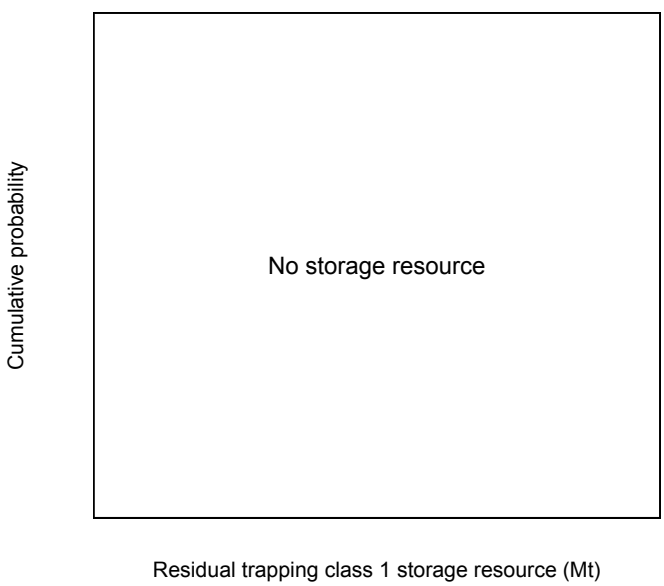


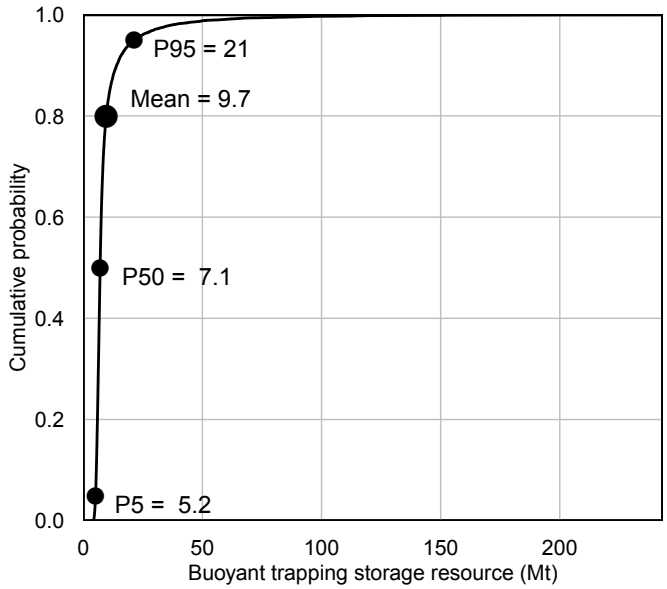


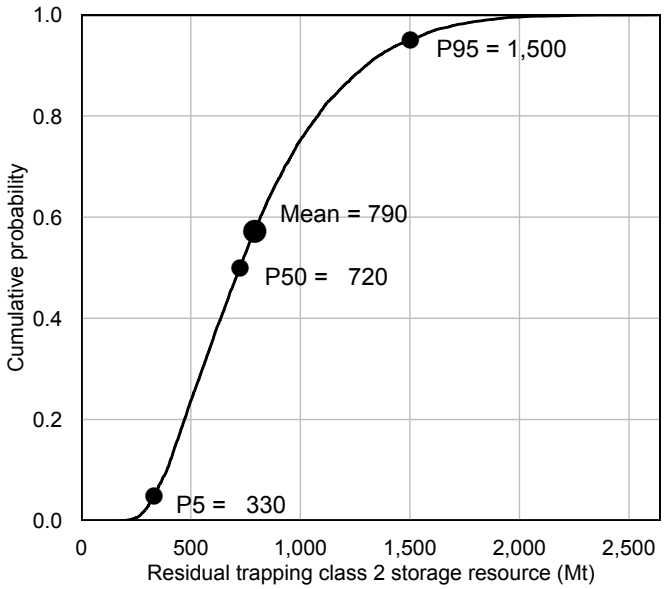


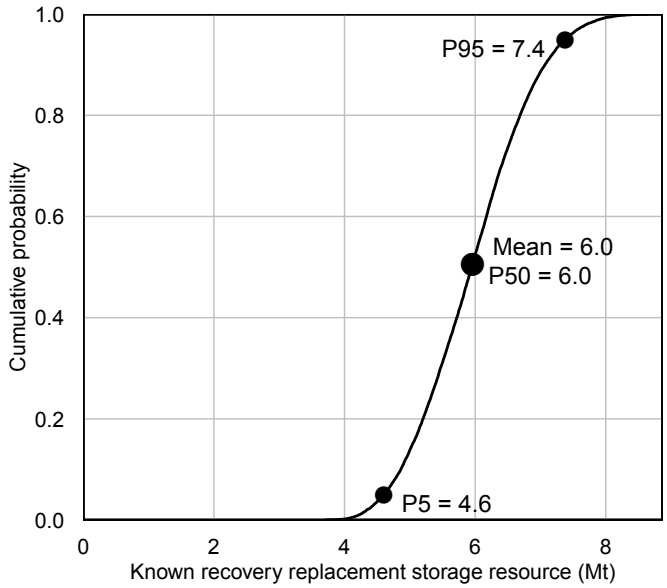
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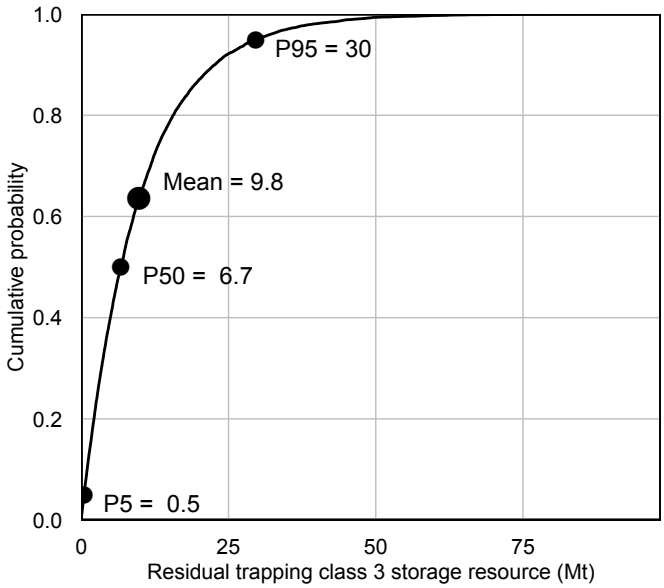




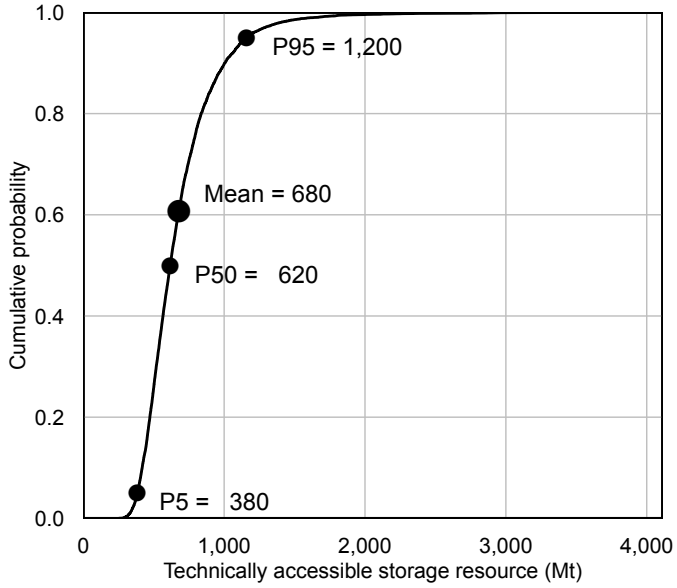


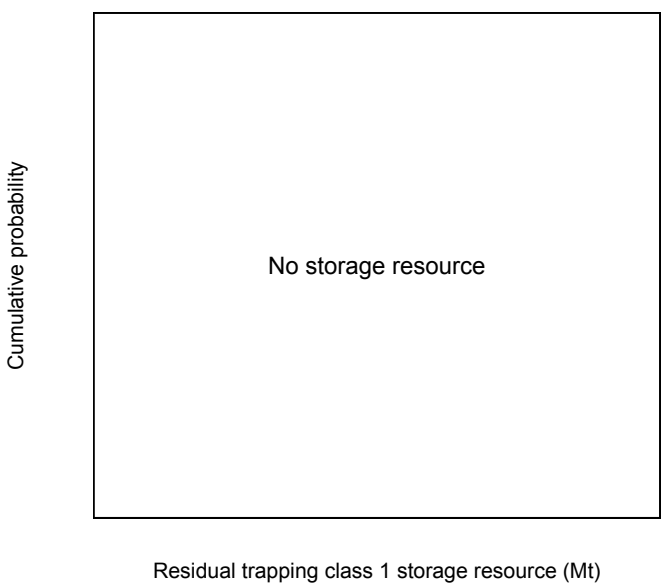


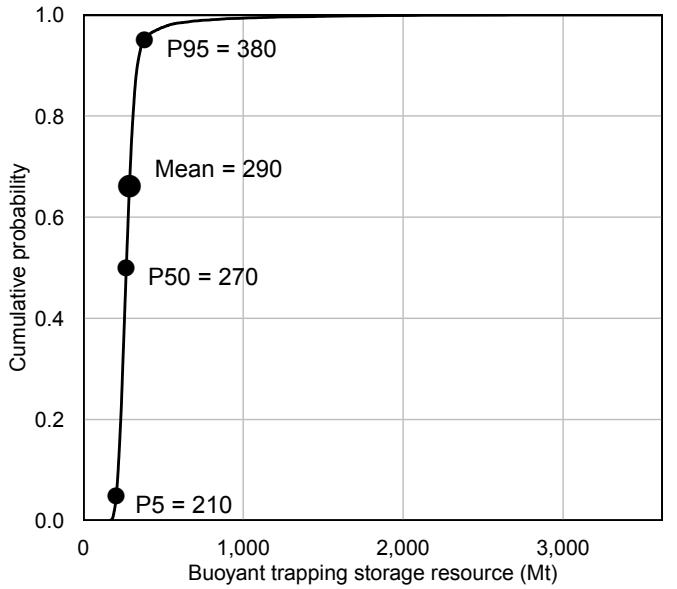


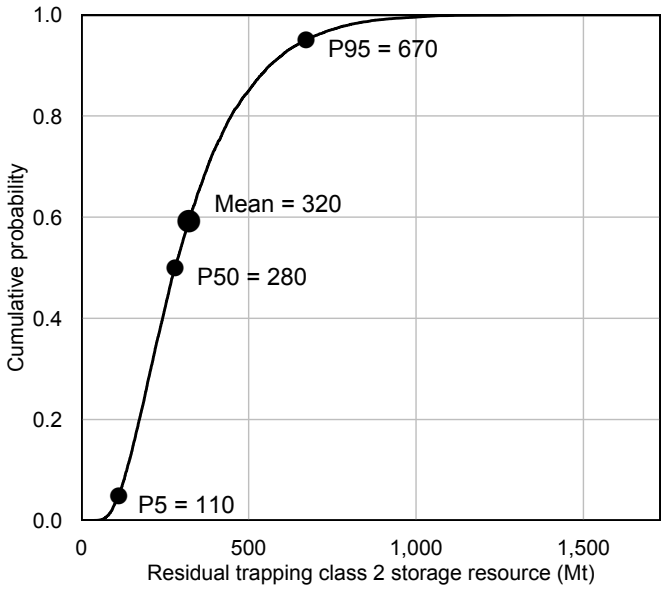


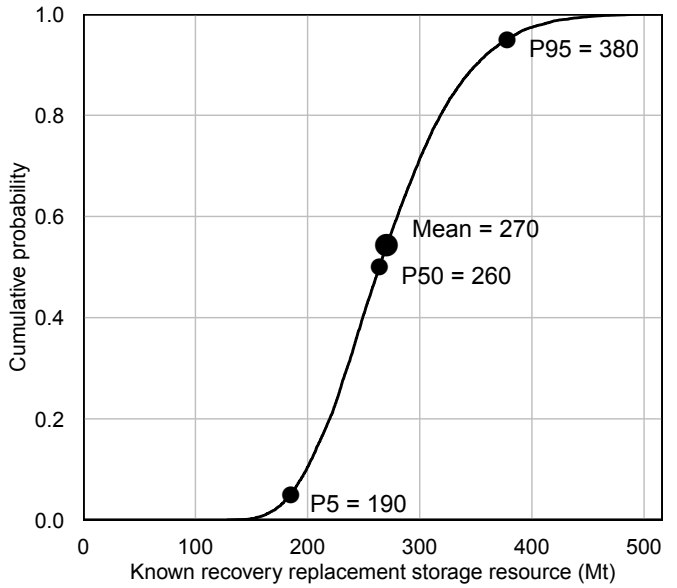
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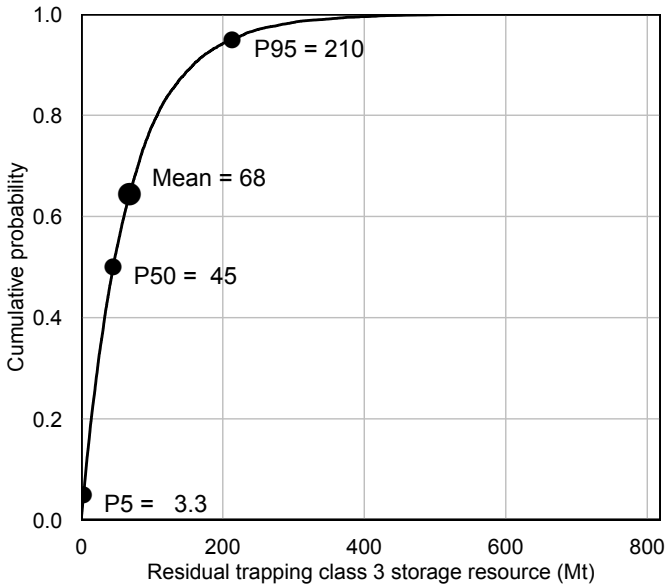




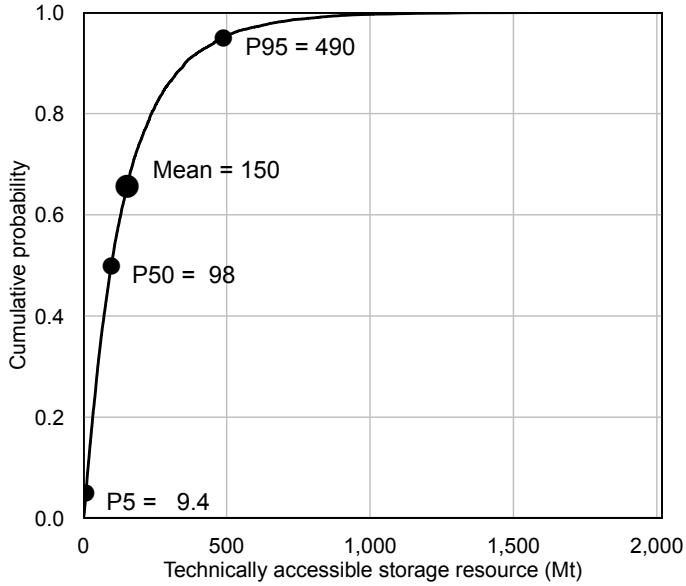


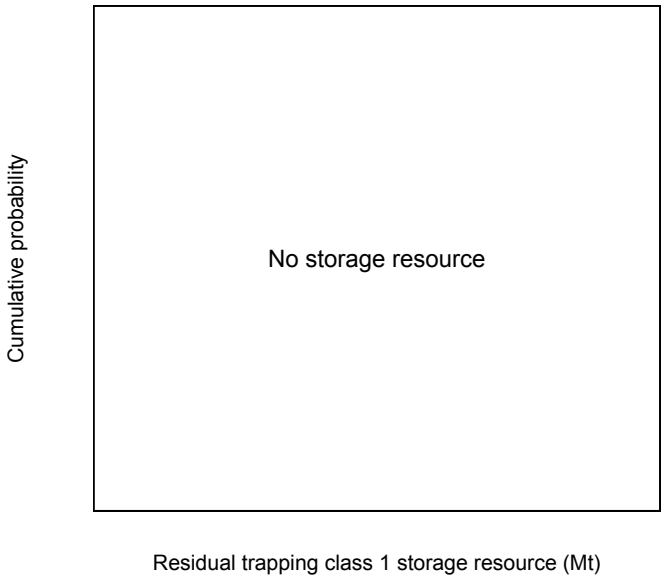


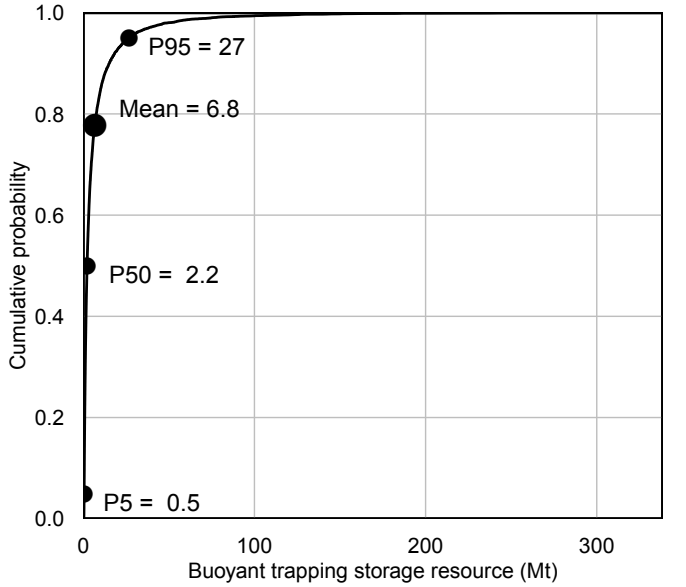


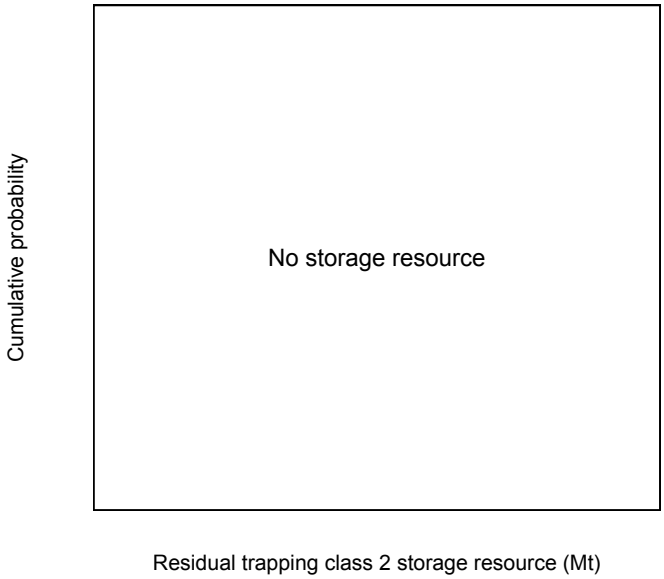


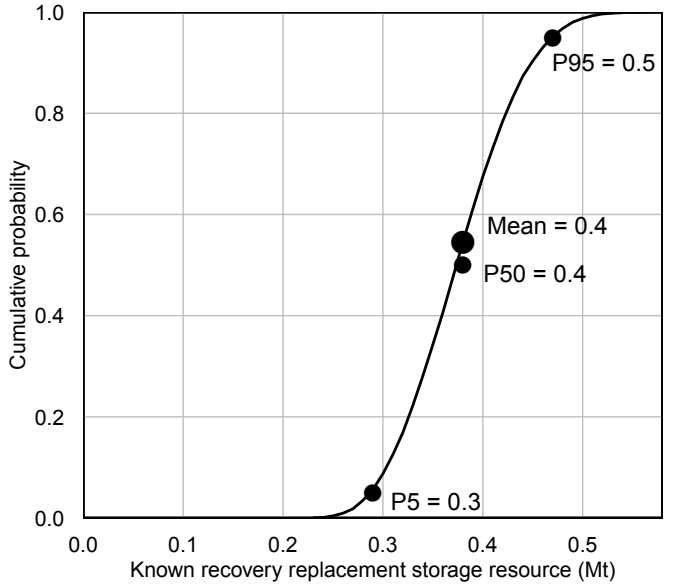
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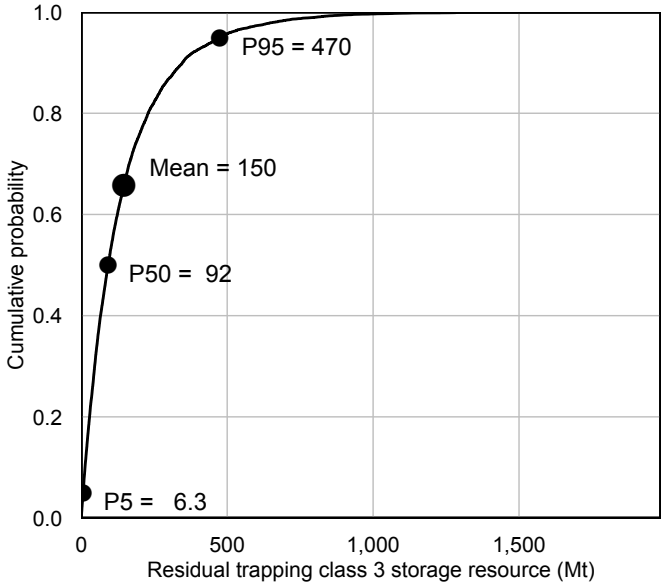




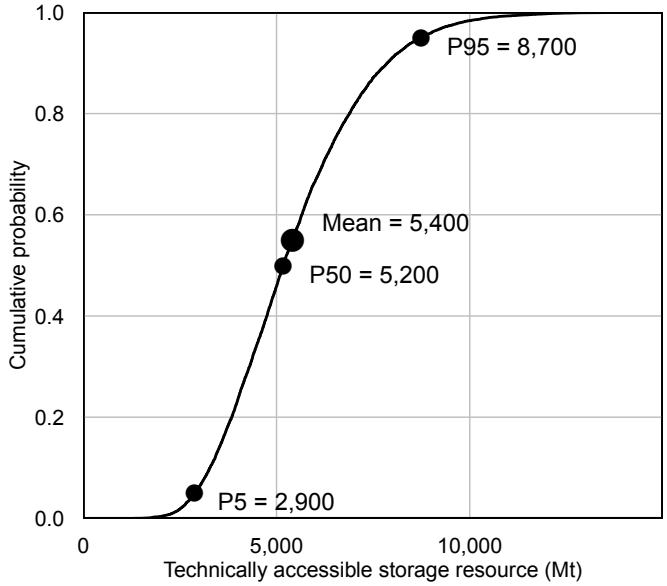


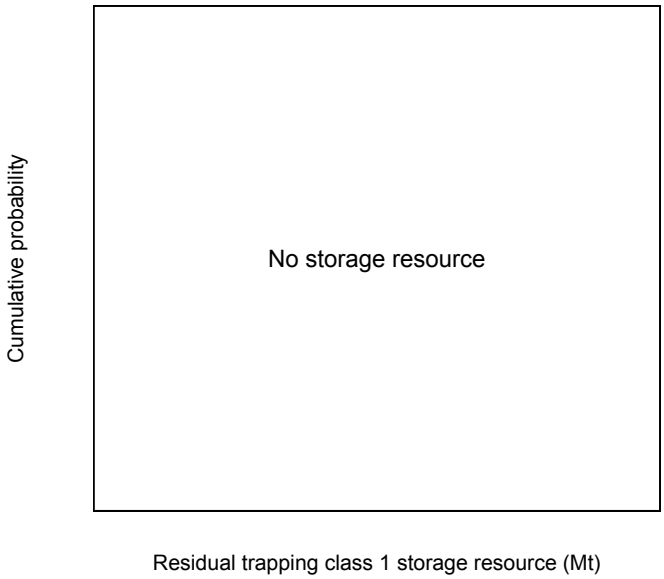


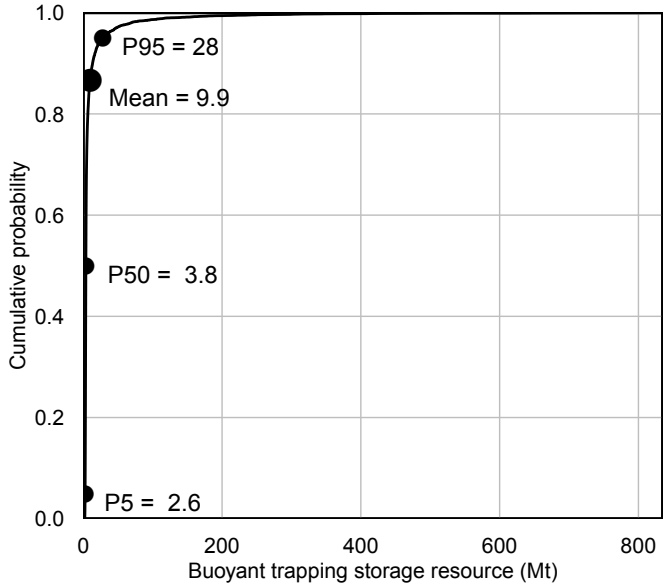


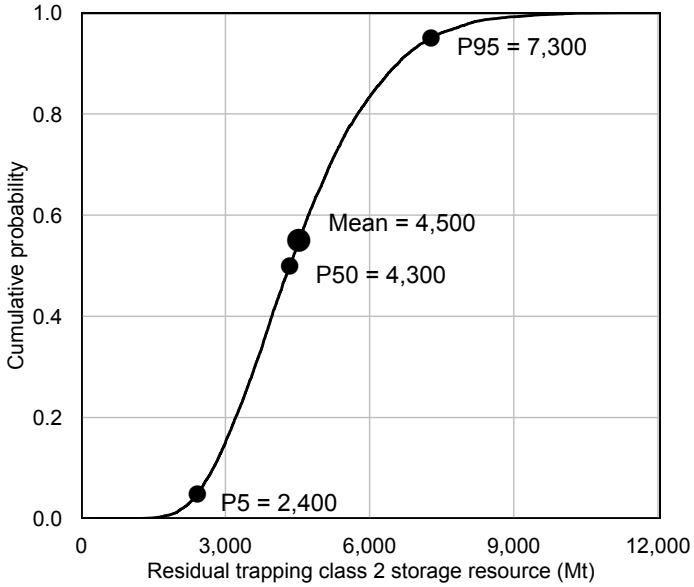


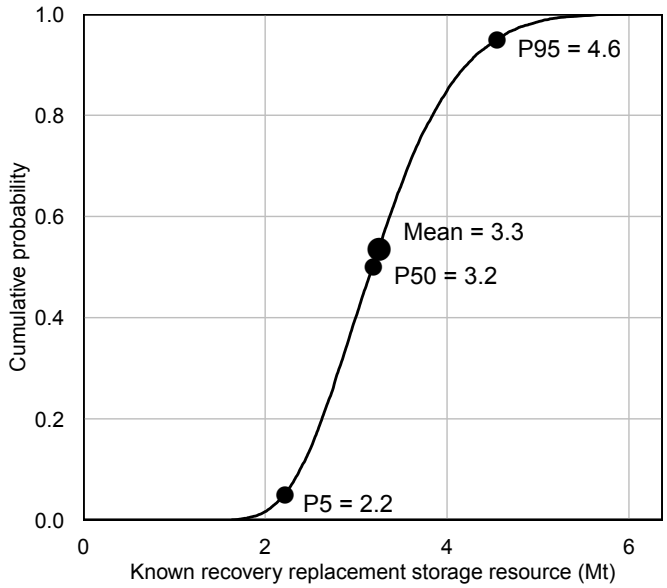
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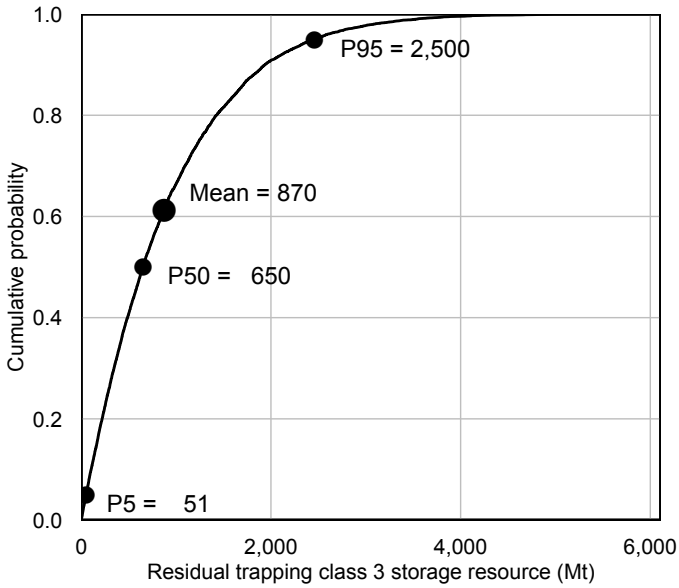




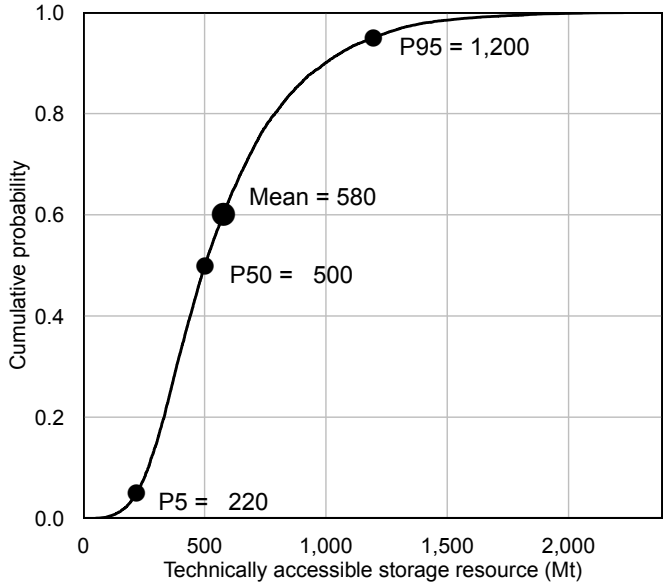


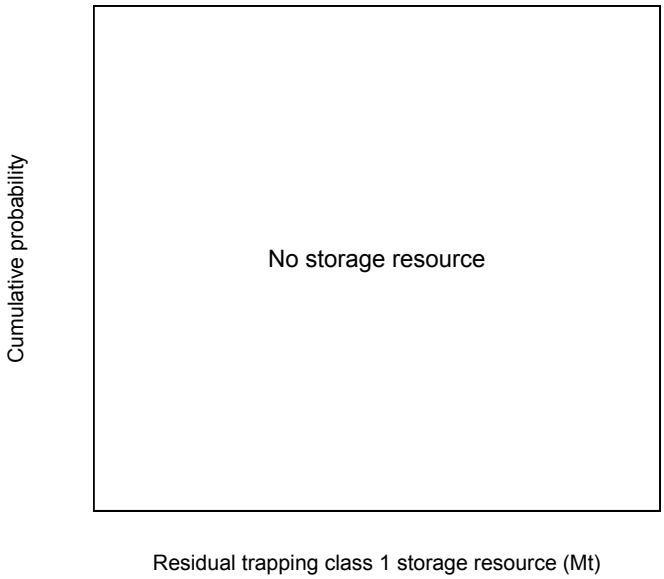


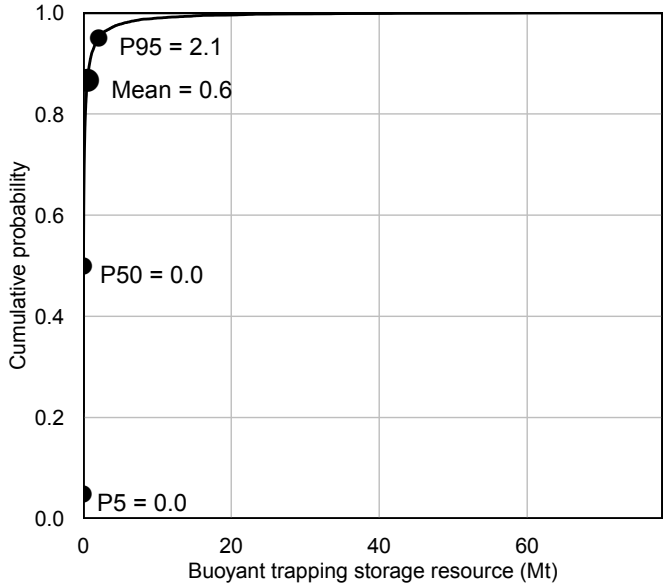


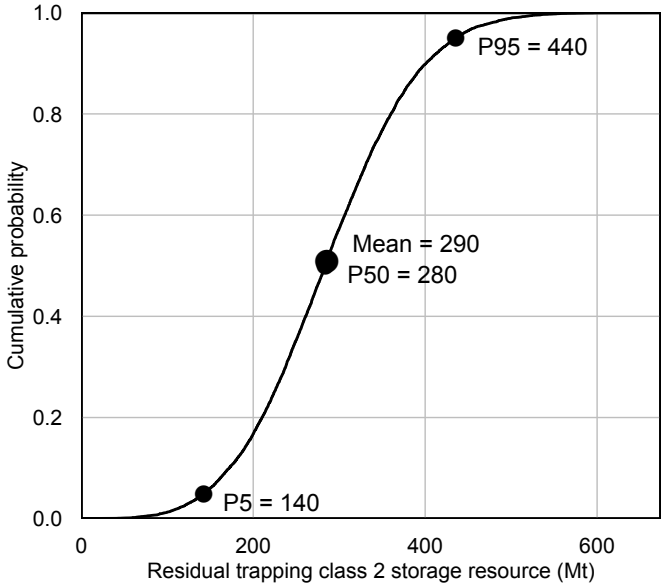


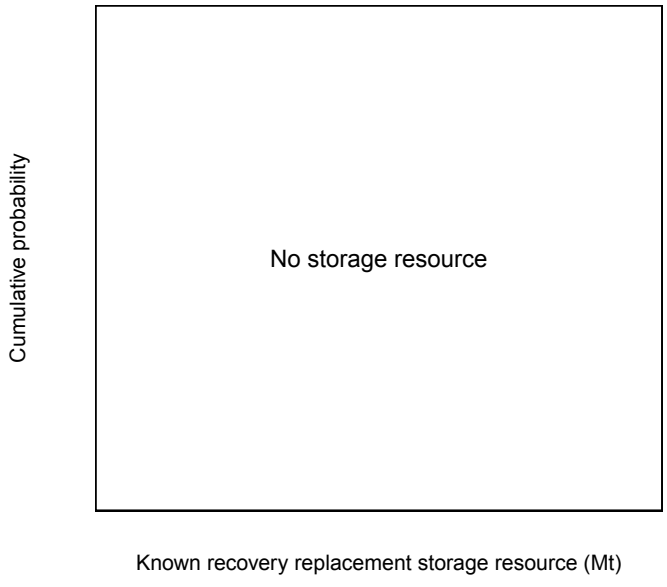
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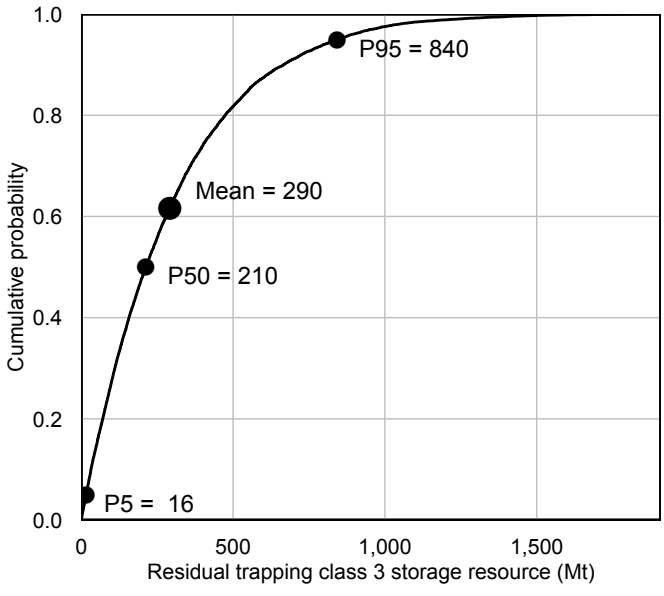




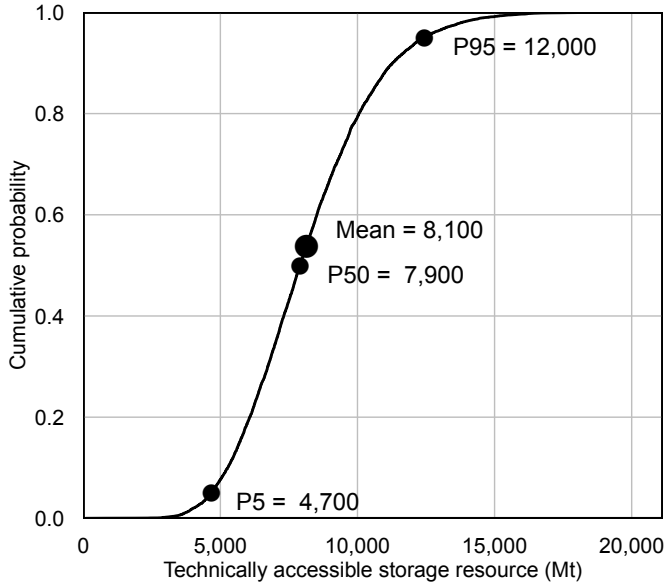


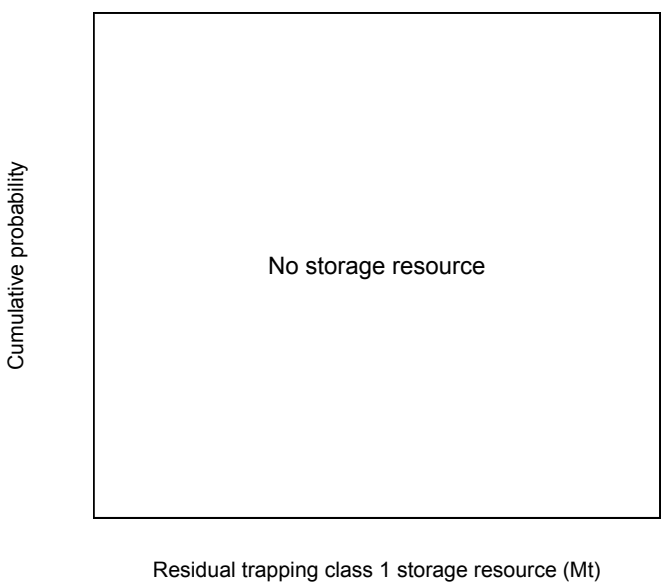


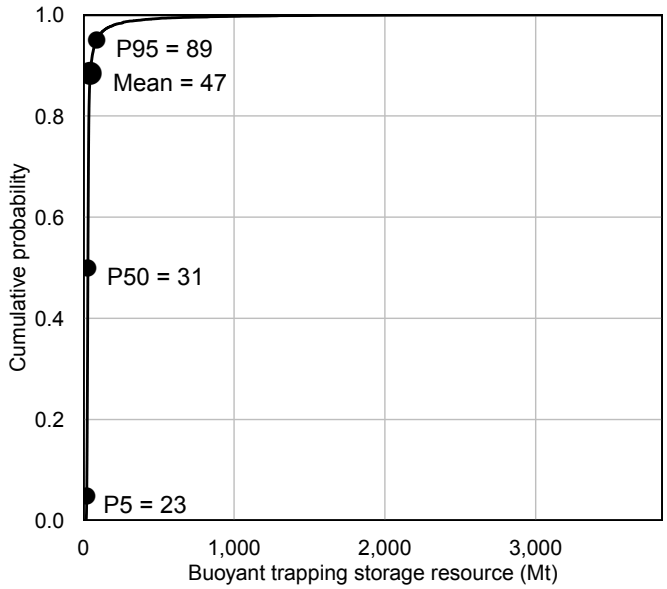


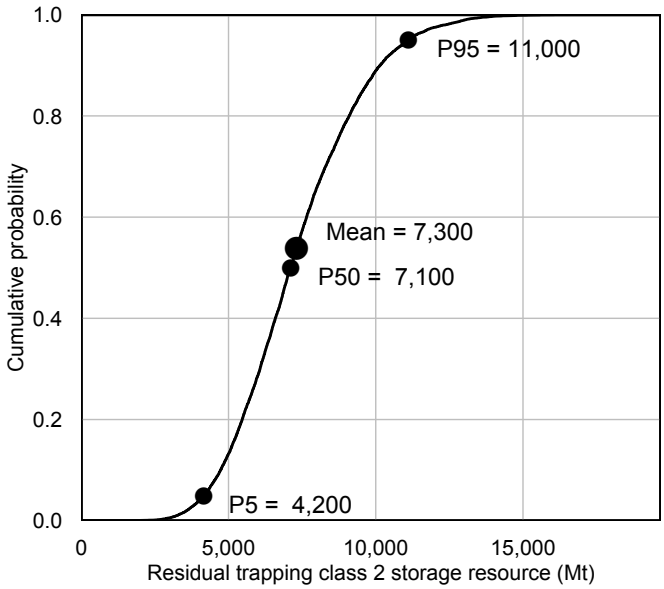


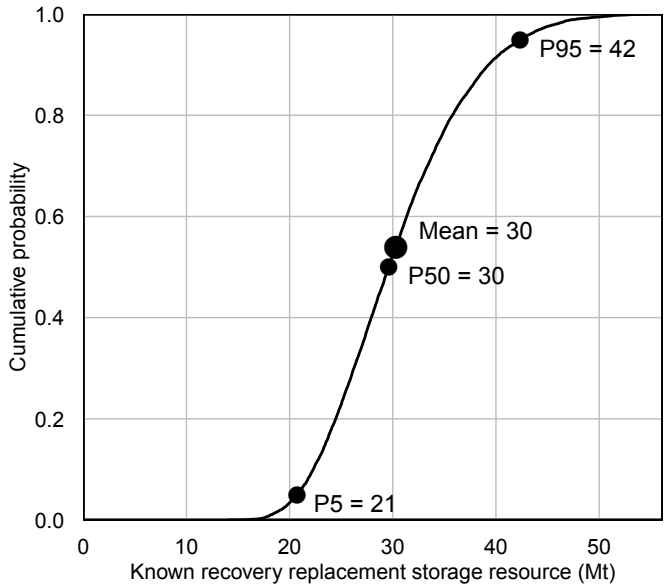
Greater Green River Basin C50370111

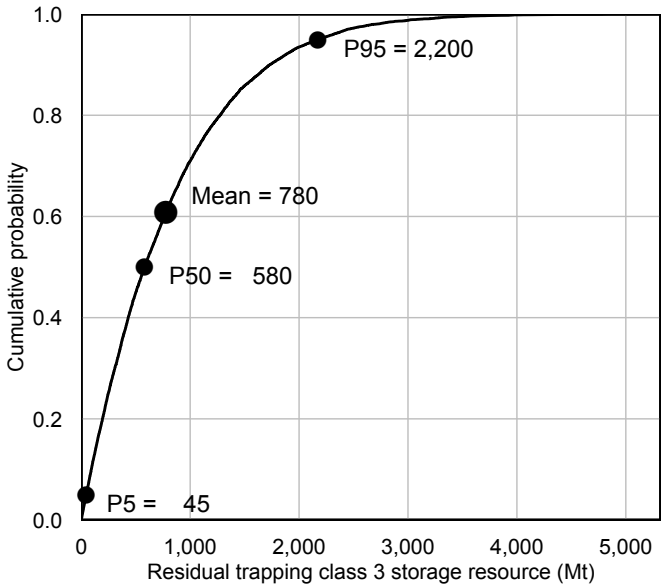




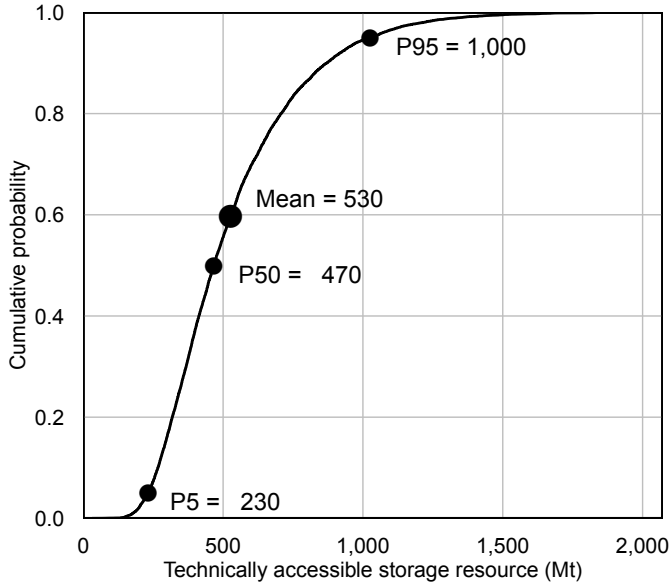


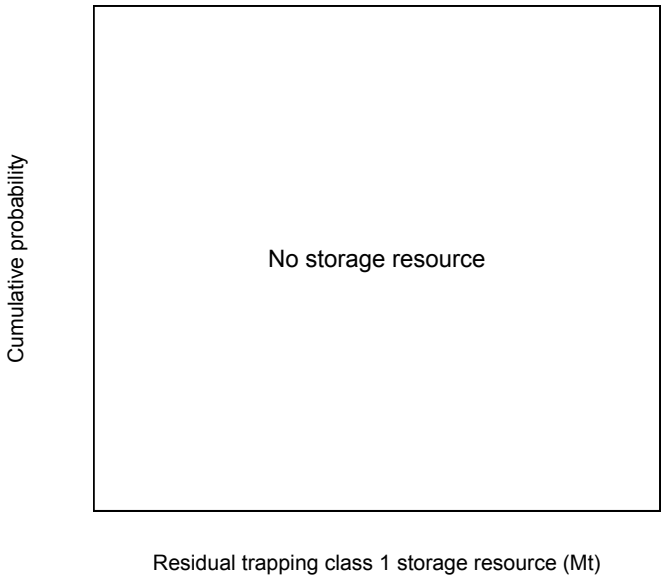


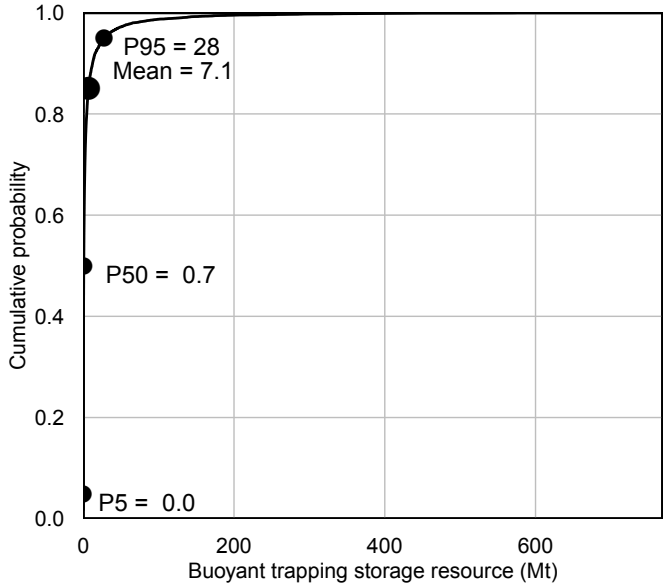


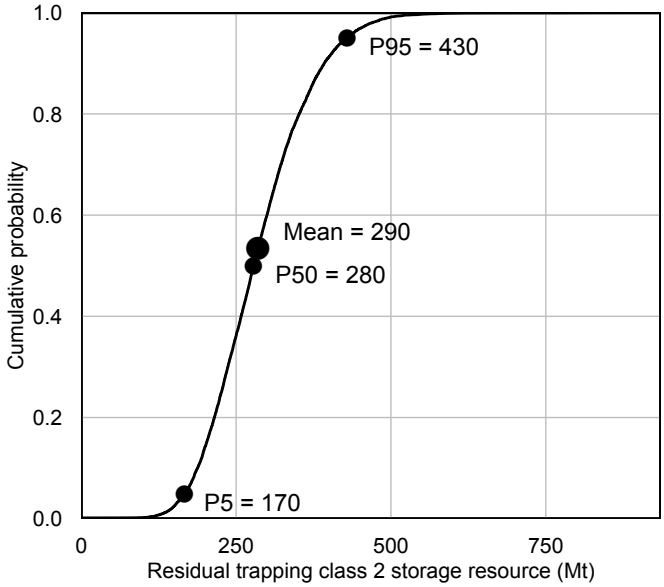


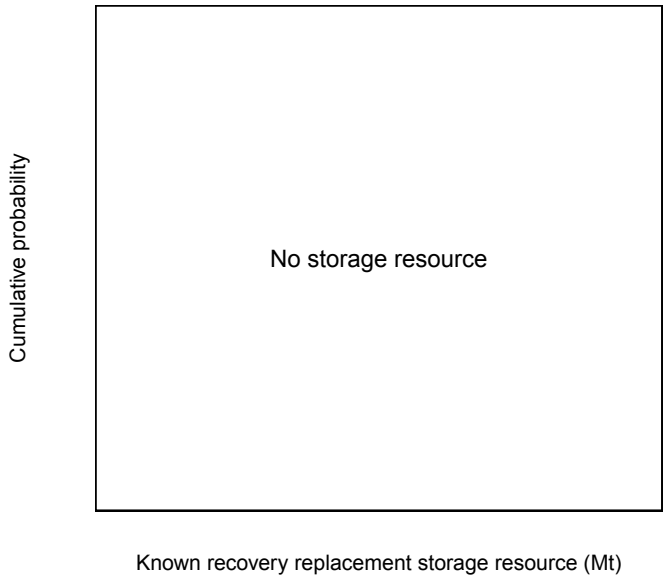
Greater Green River Basin C50370112

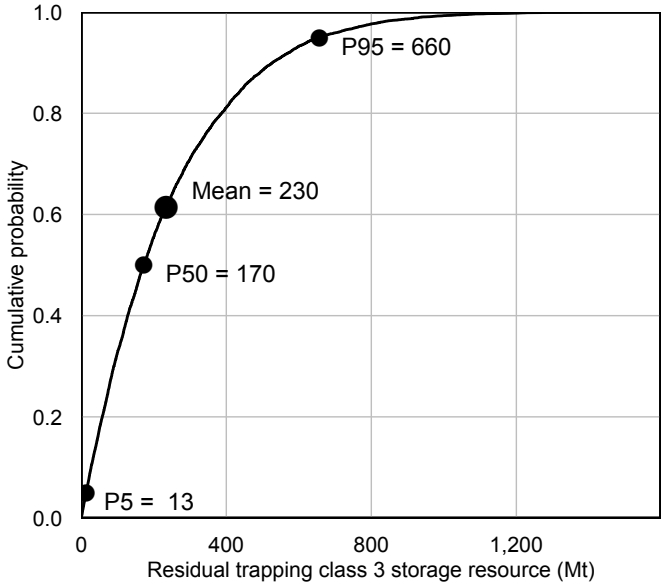




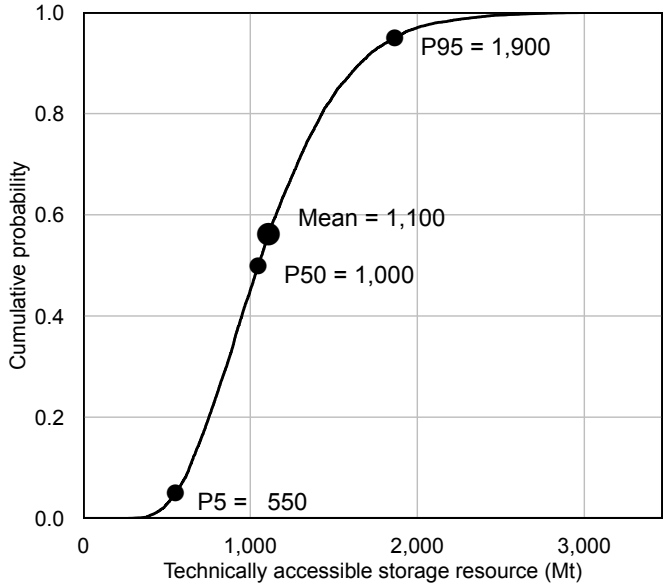


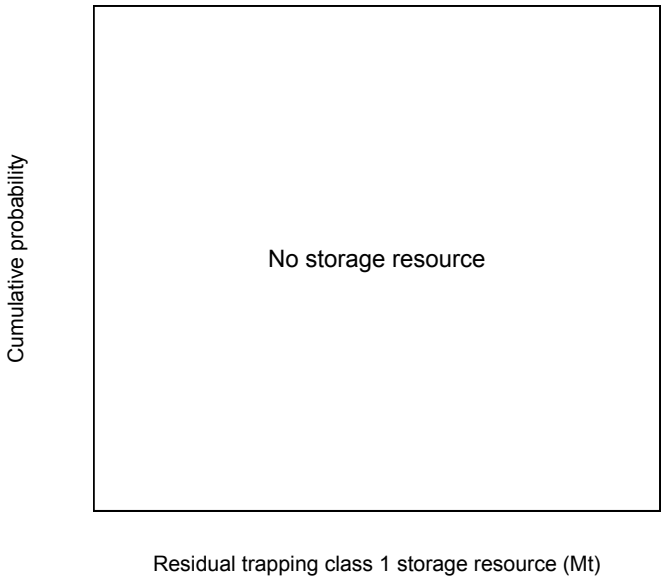


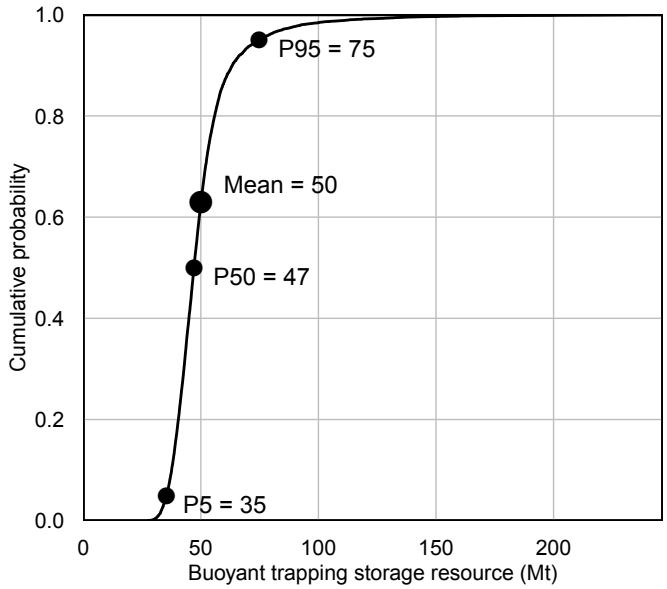


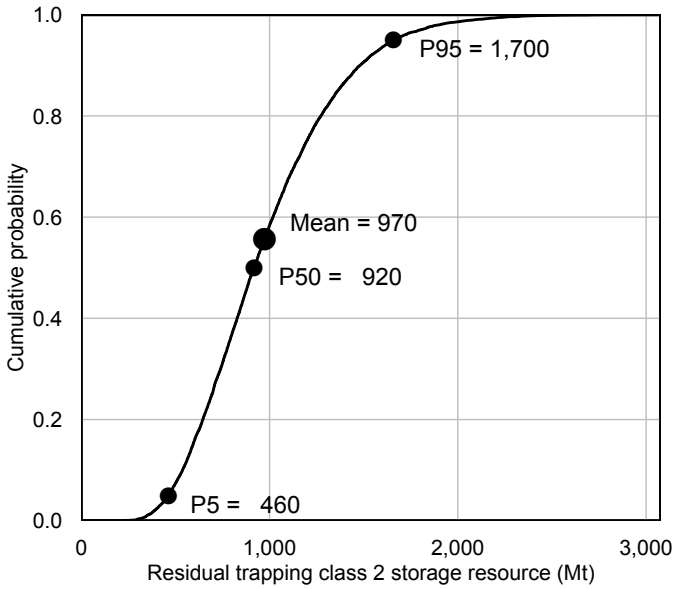


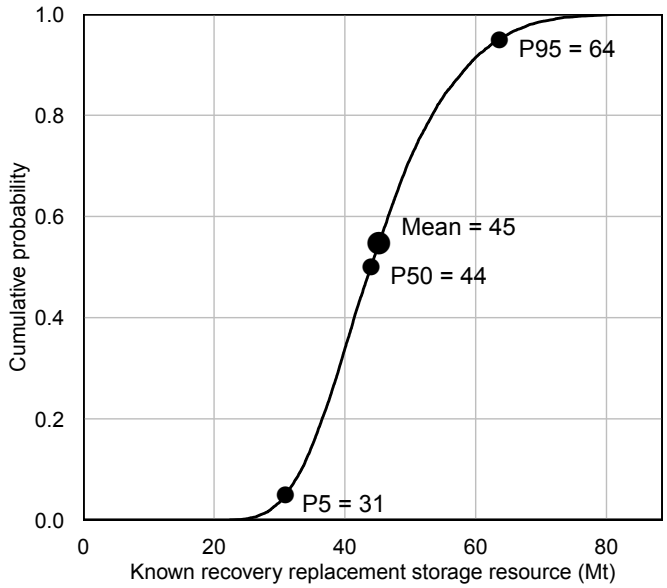
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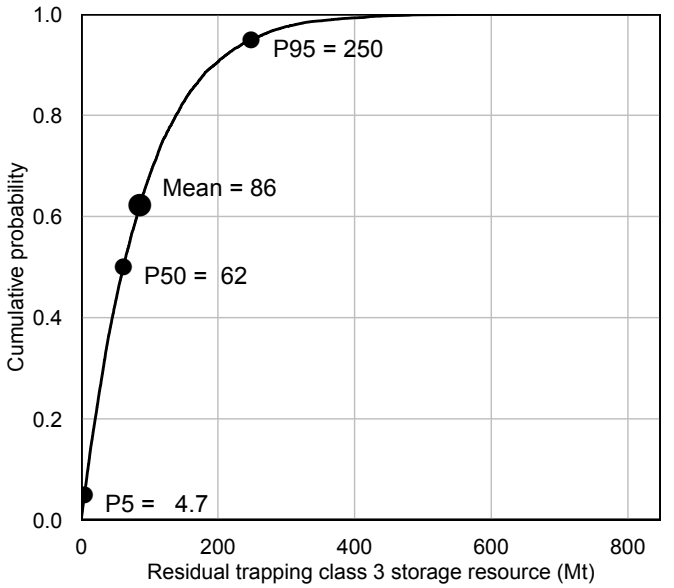




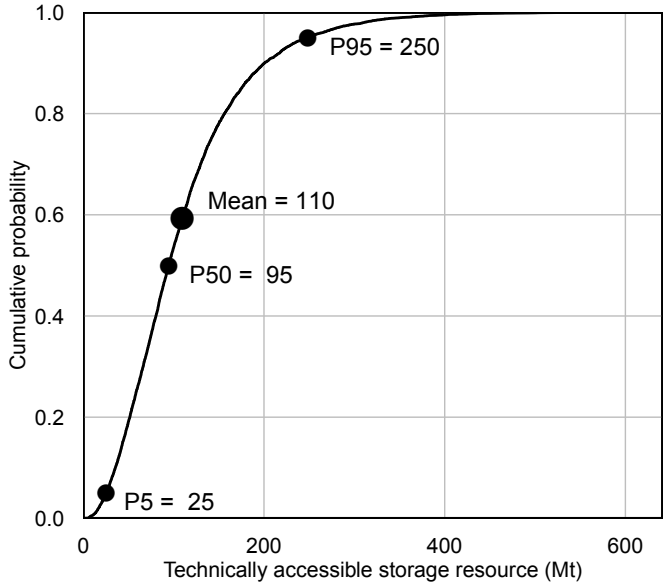


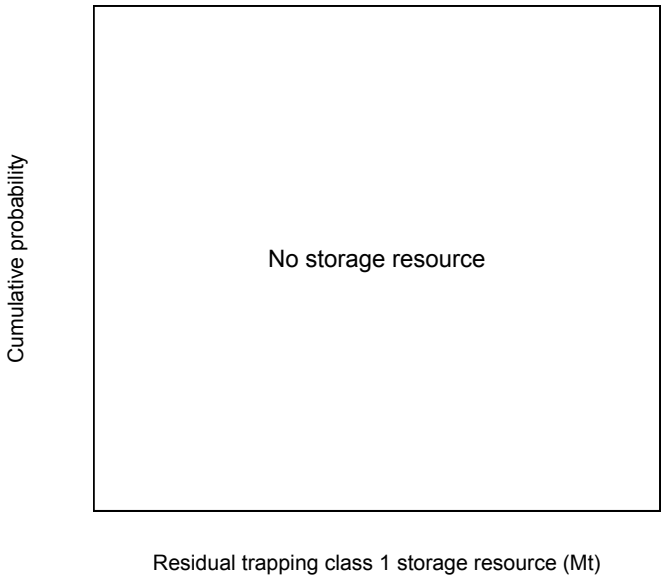


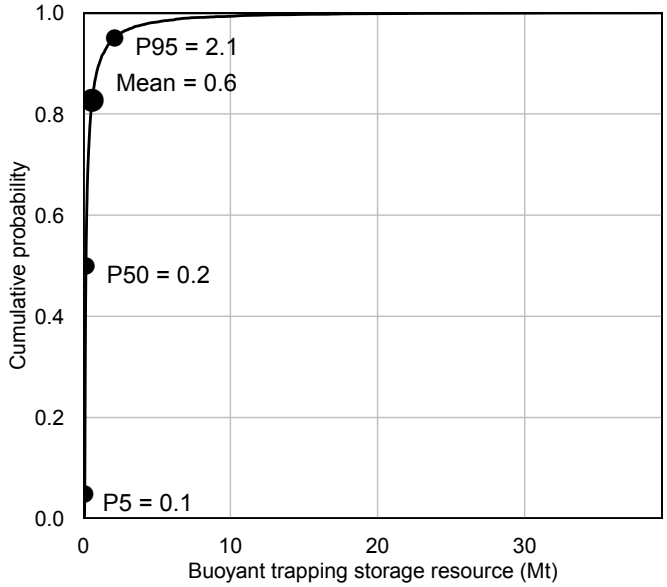


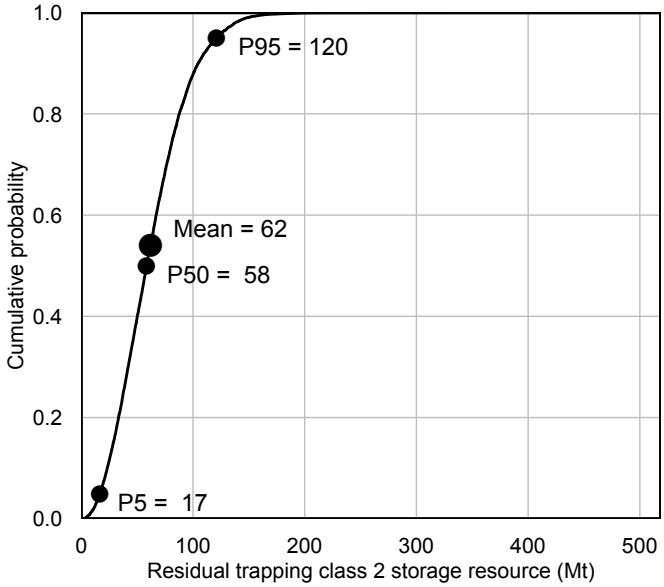


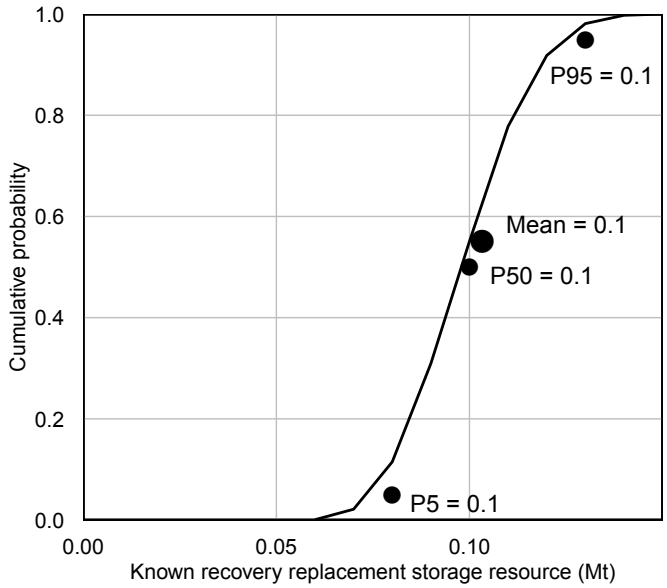
Greater Green River Basin C50370114

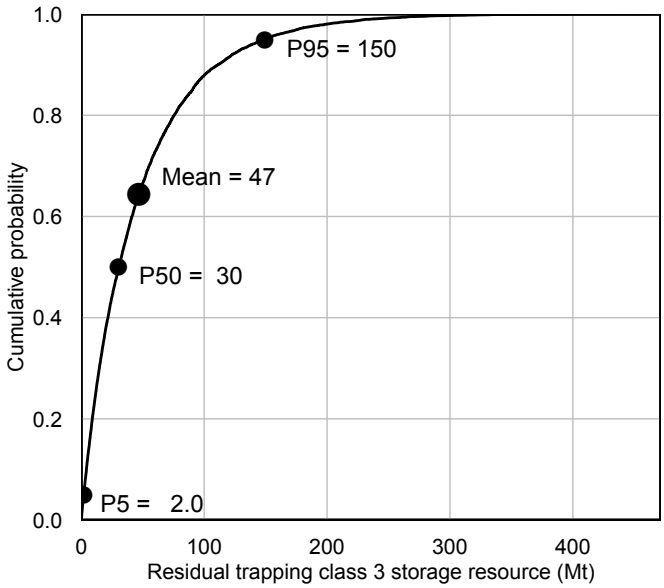




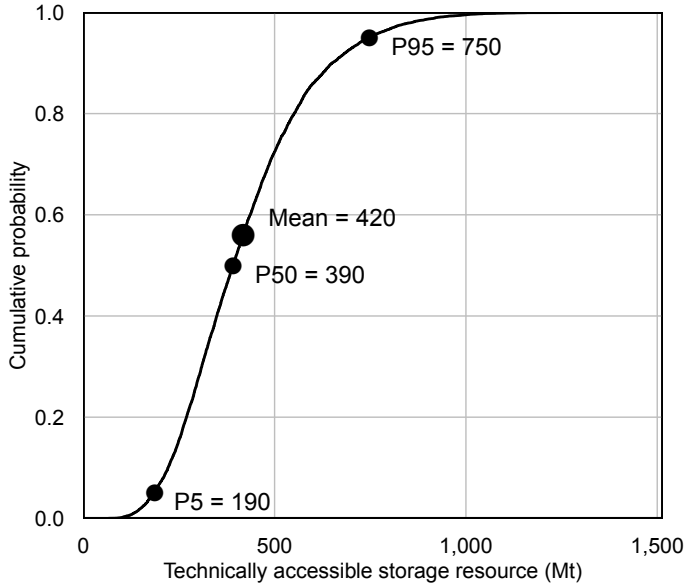


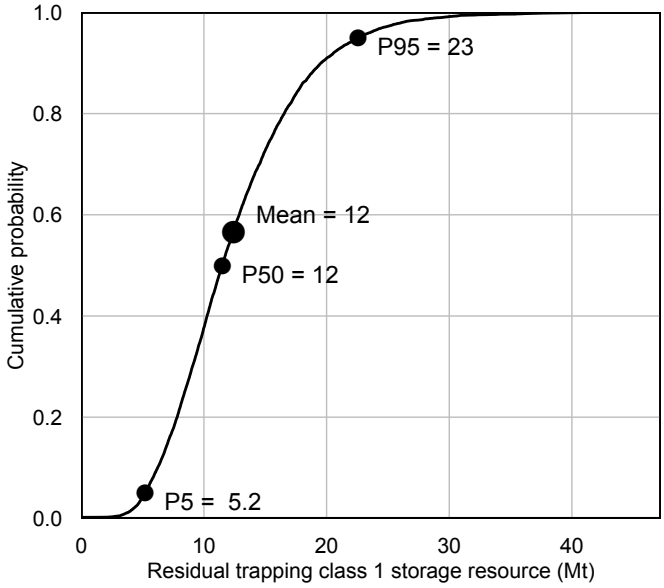


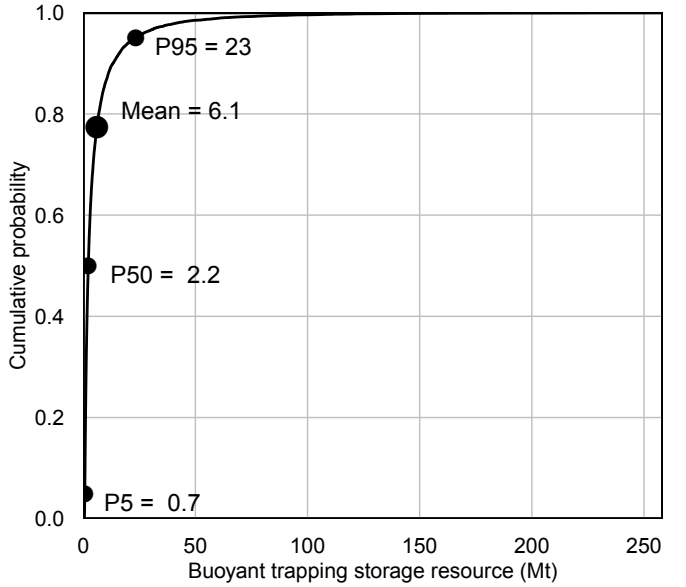


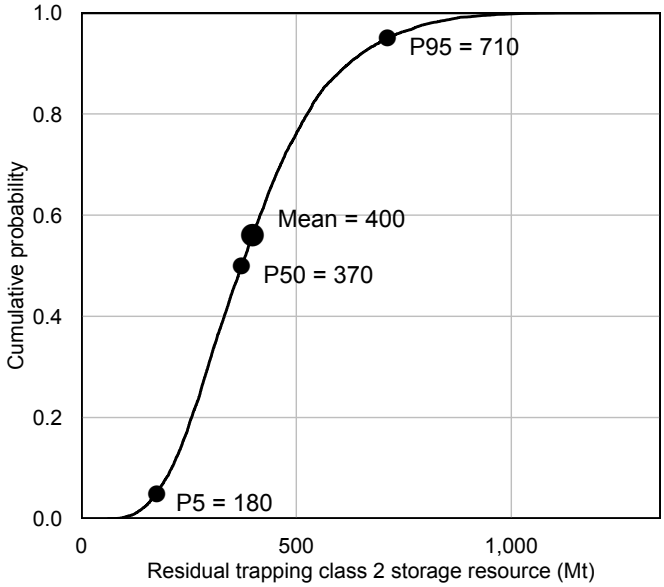


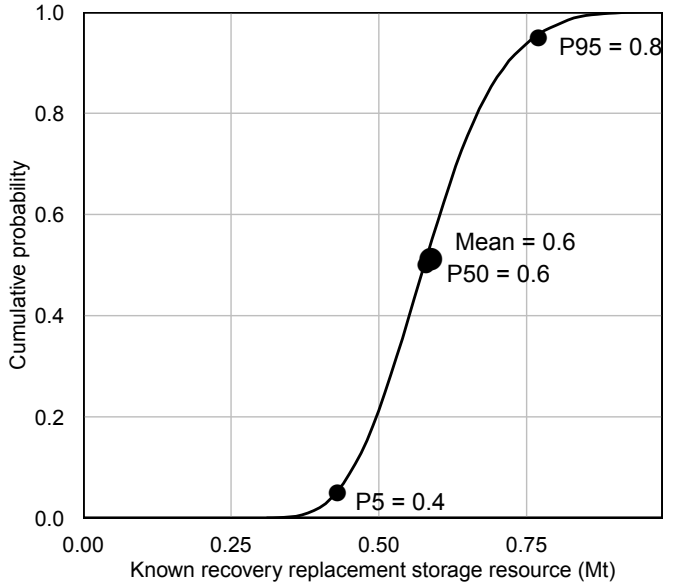
Hanna, Laramie, and Shirley Basins C50300101

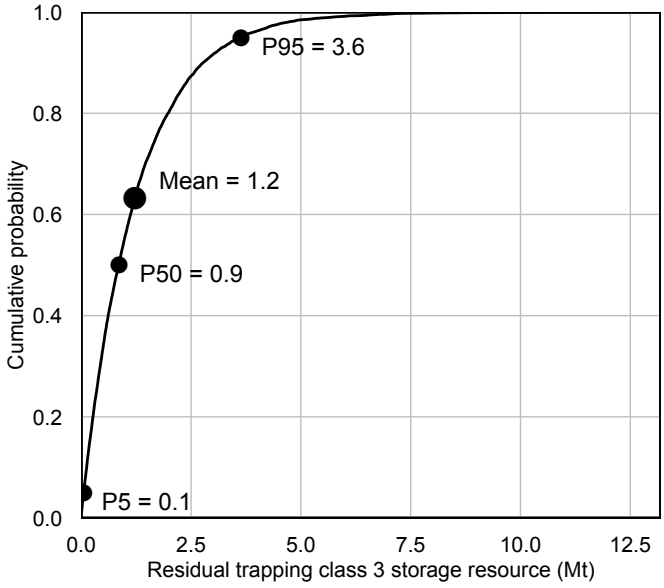




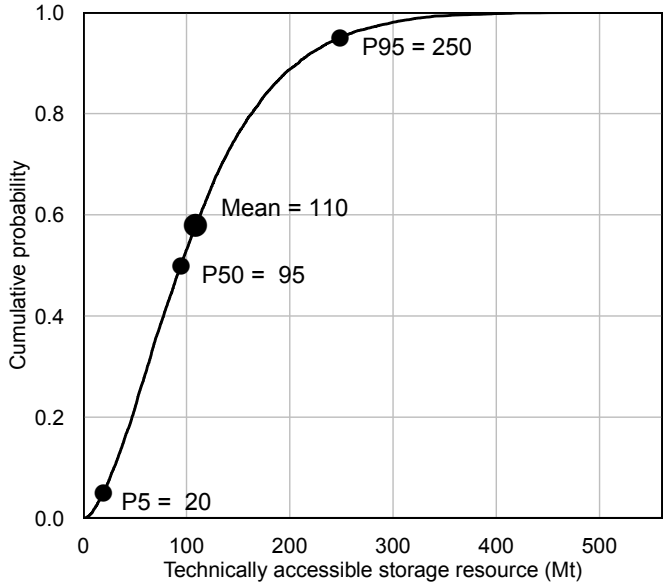


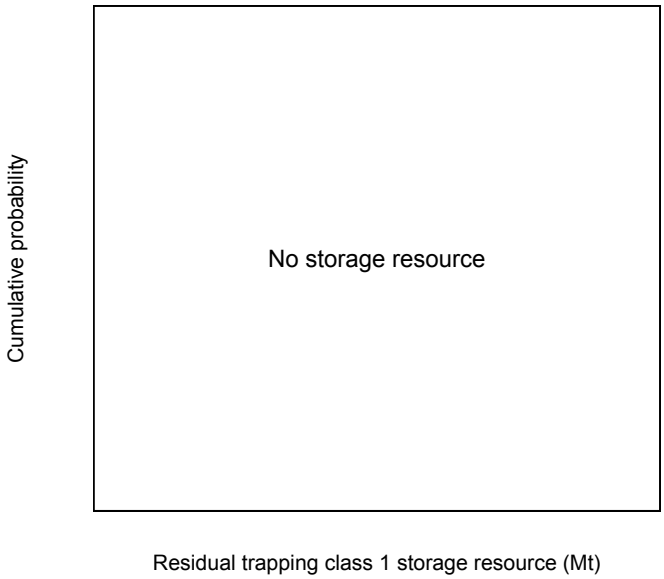


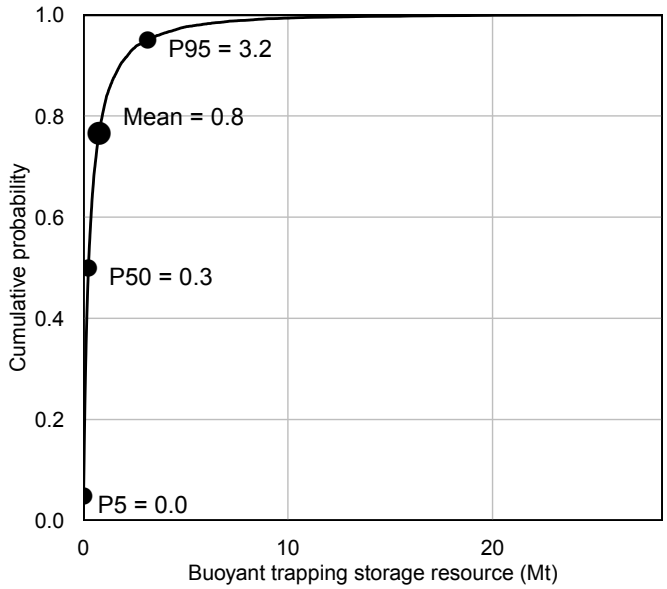


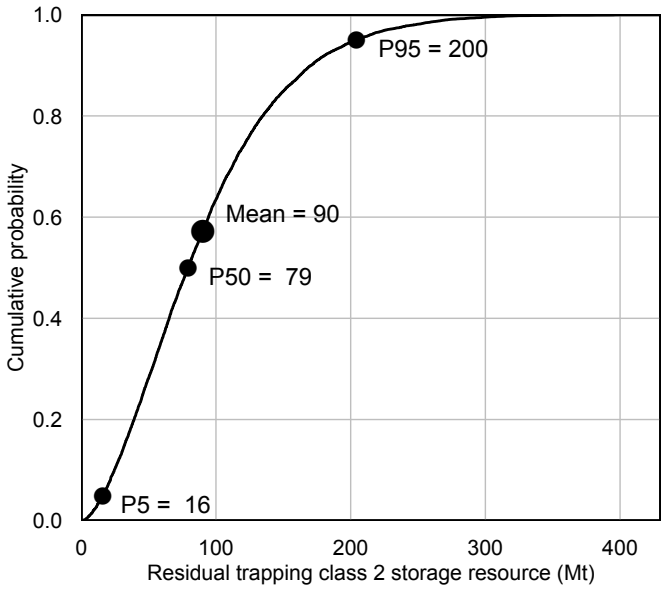


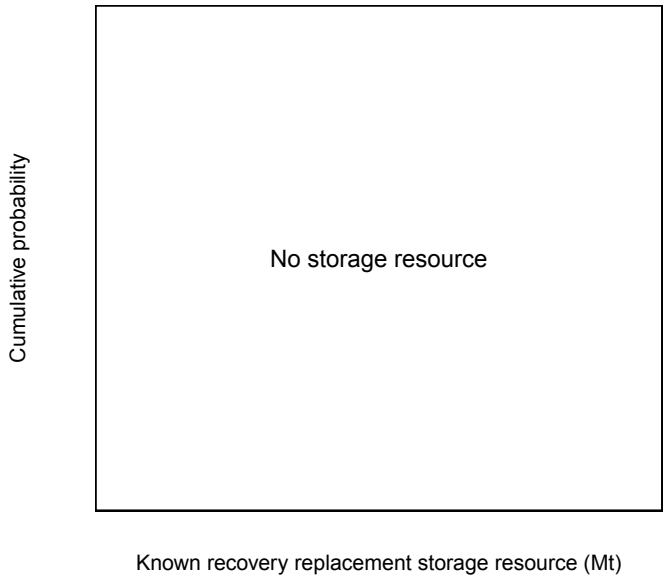
Hanna, Laramie, and Shirley Basins C50300102

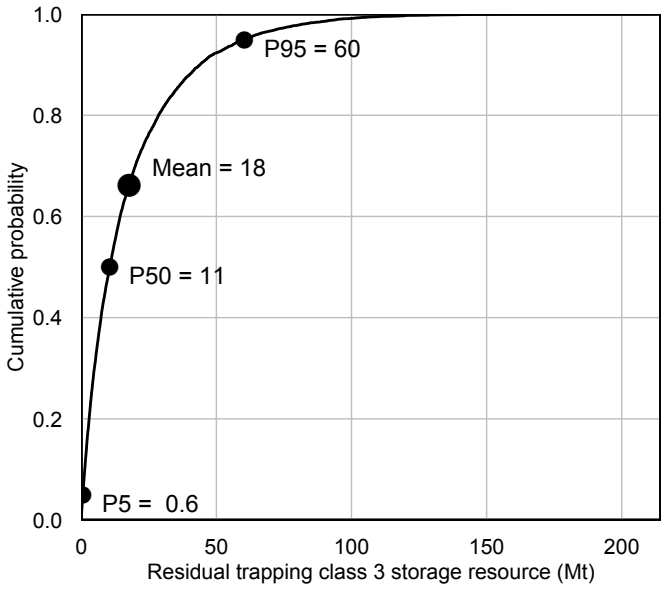




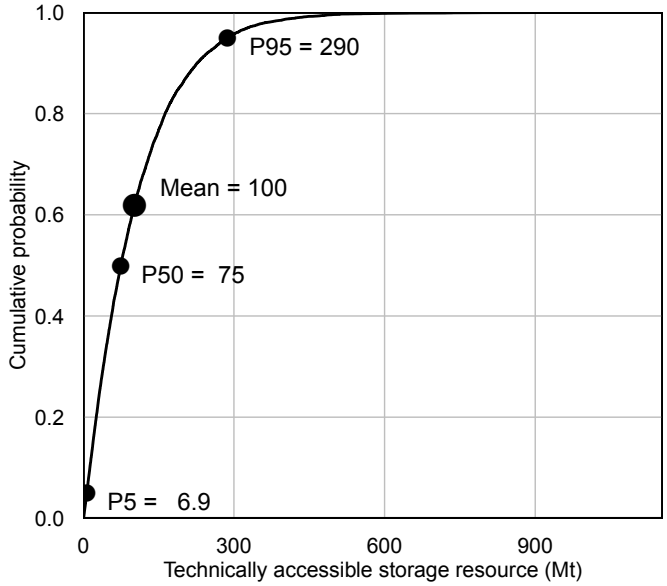


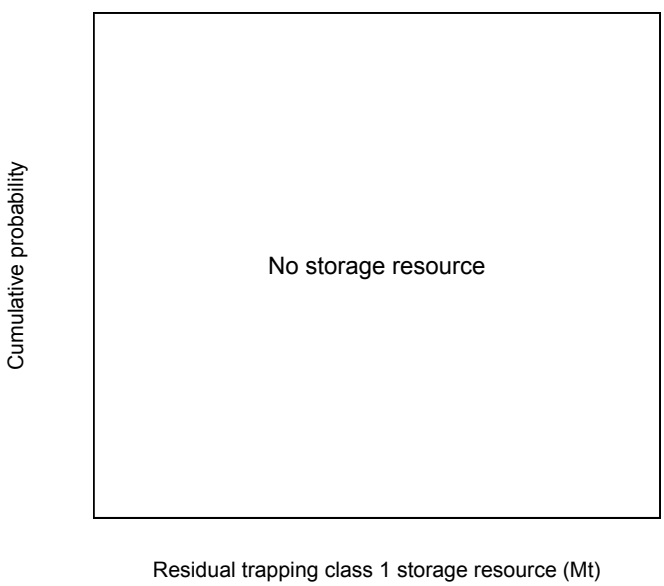


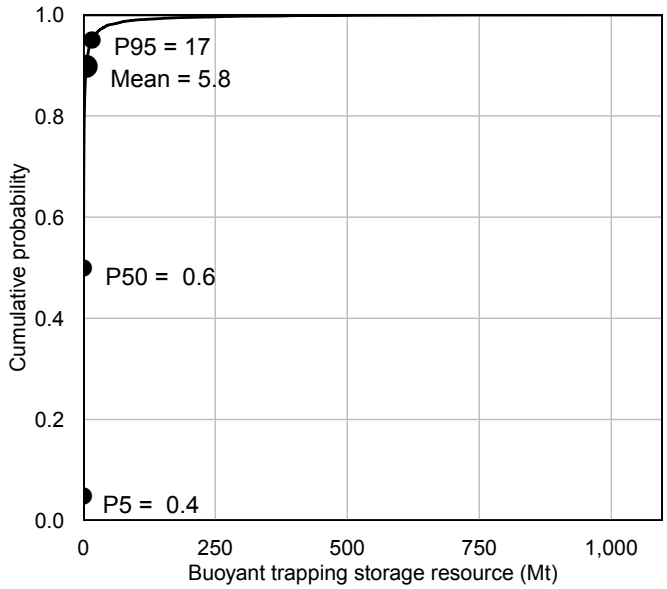


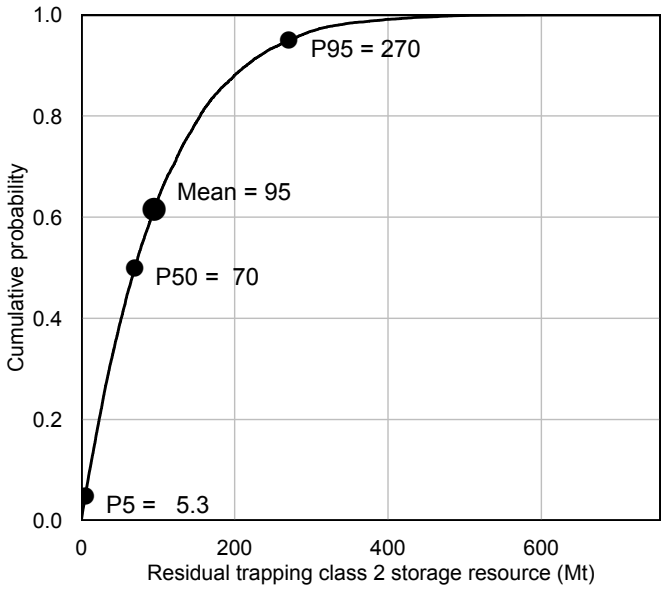


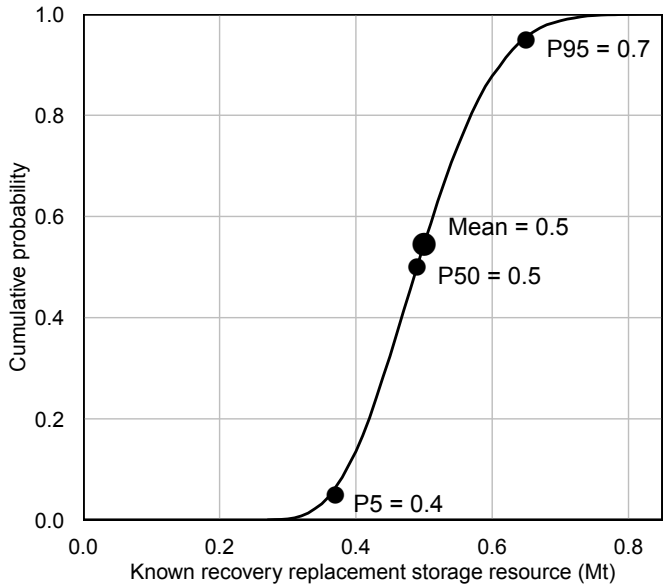
Hanna, Laramie, and Shirley Basins C50300103

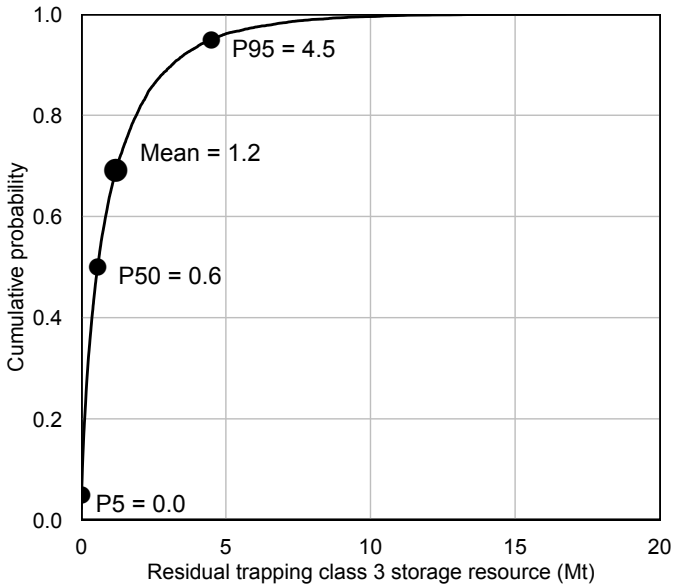




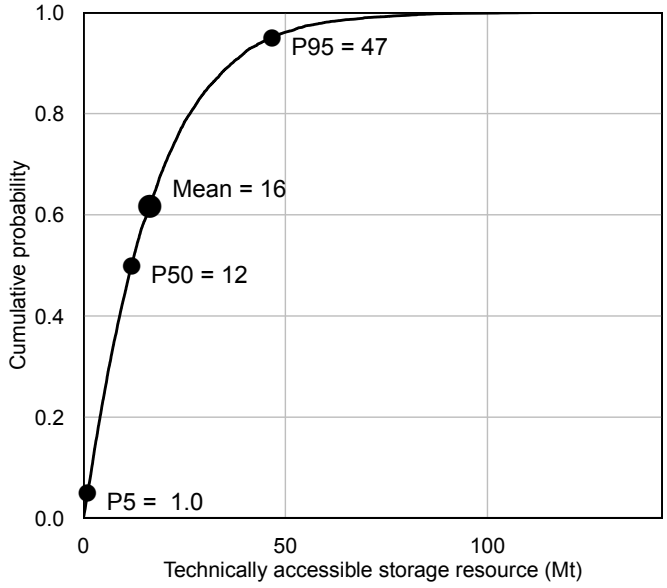


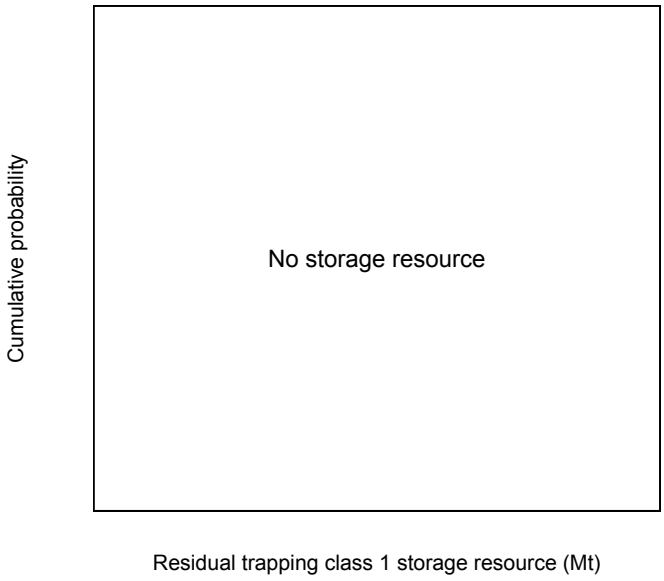


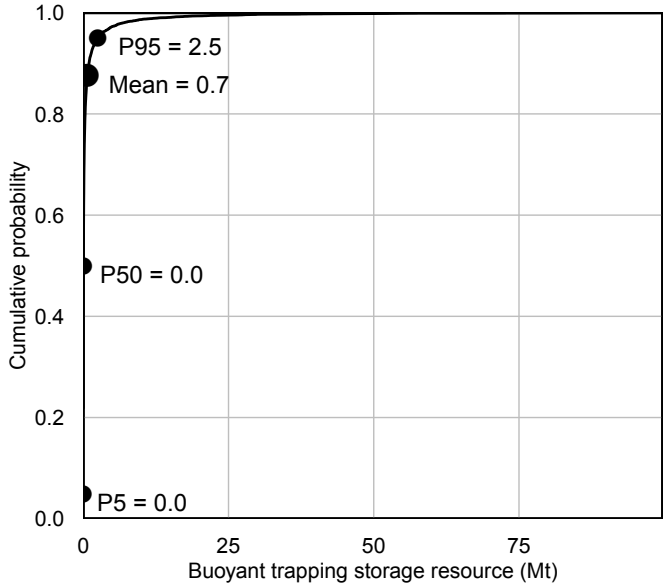


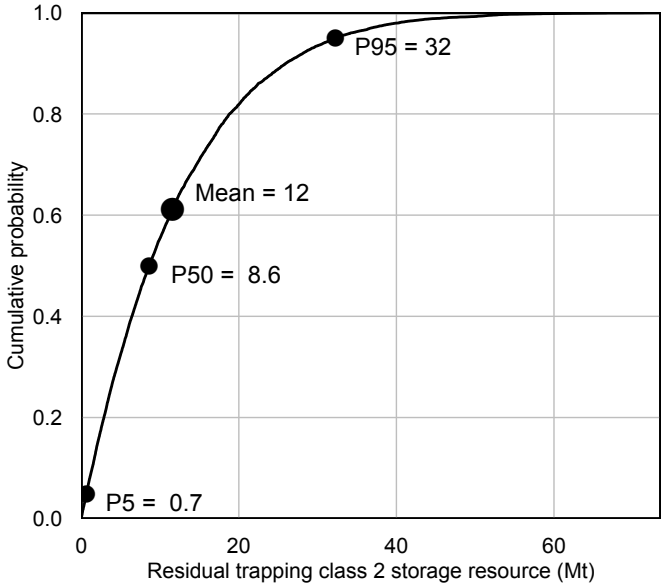


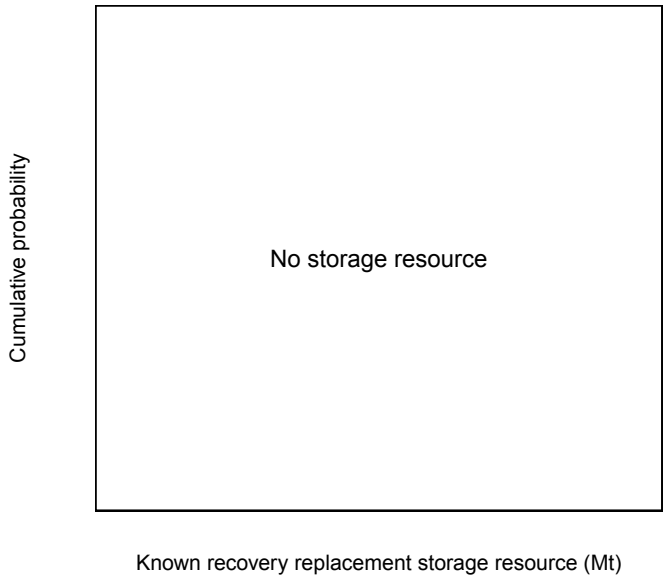
Hanna, Laramie, and Shirley Basins C50300104

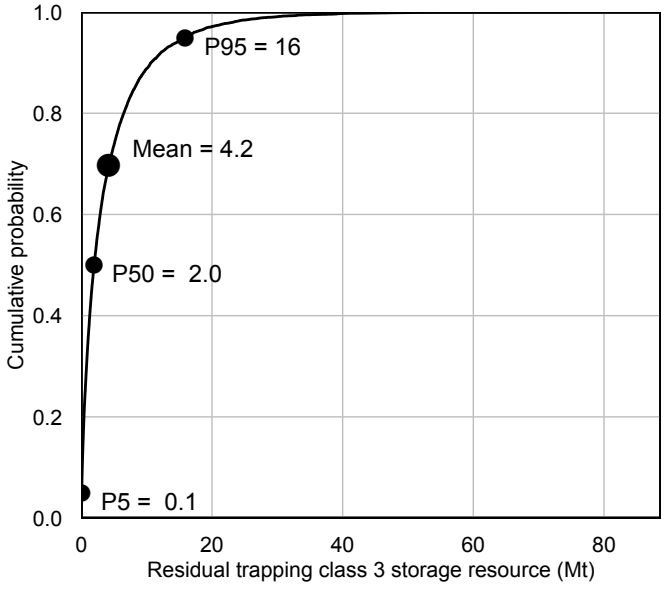




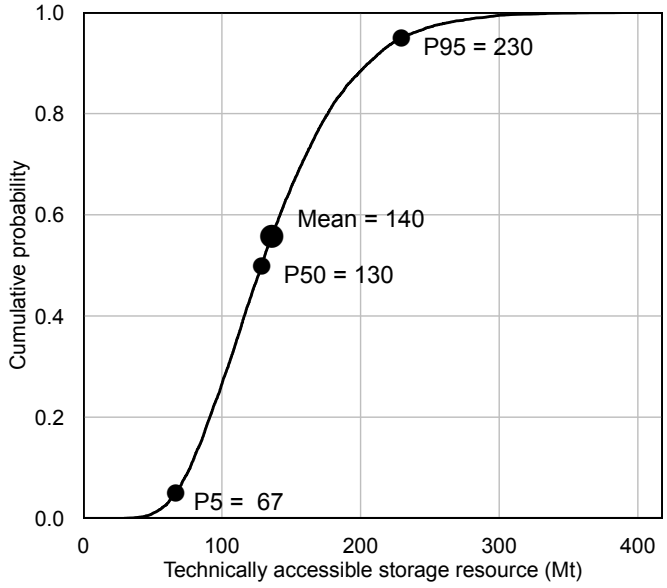


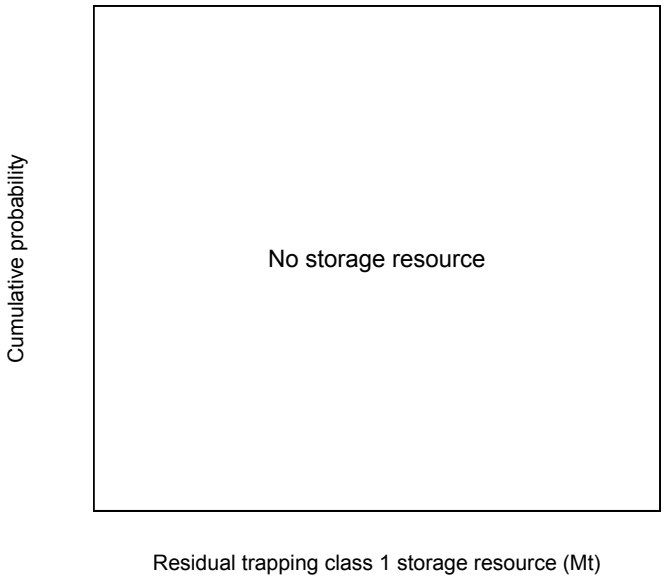


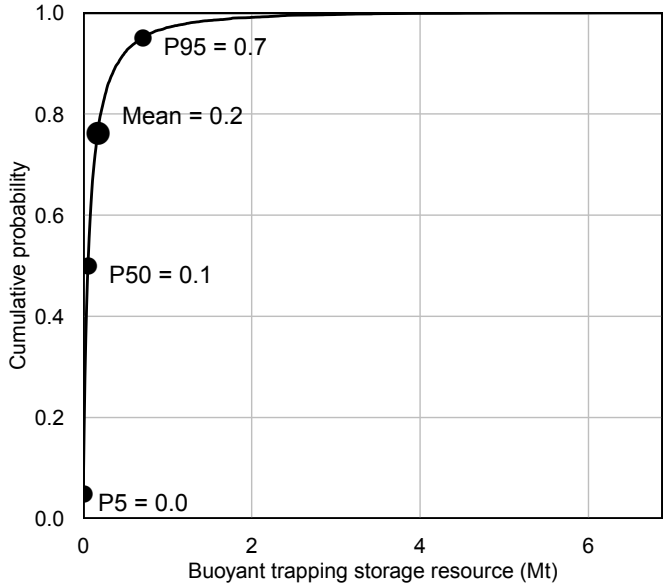


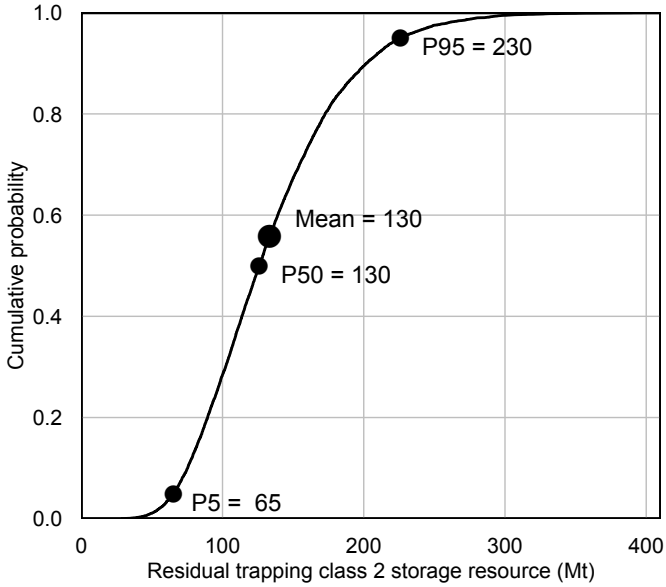


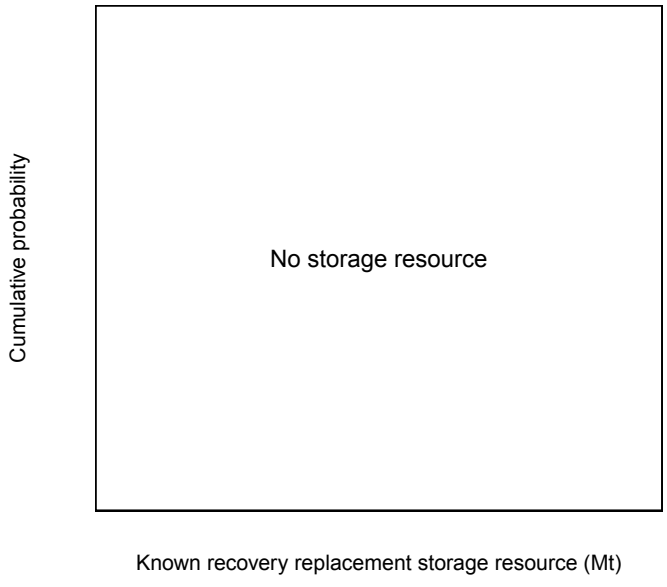
Hanna, Laramie, and Shirley Basins C50300105

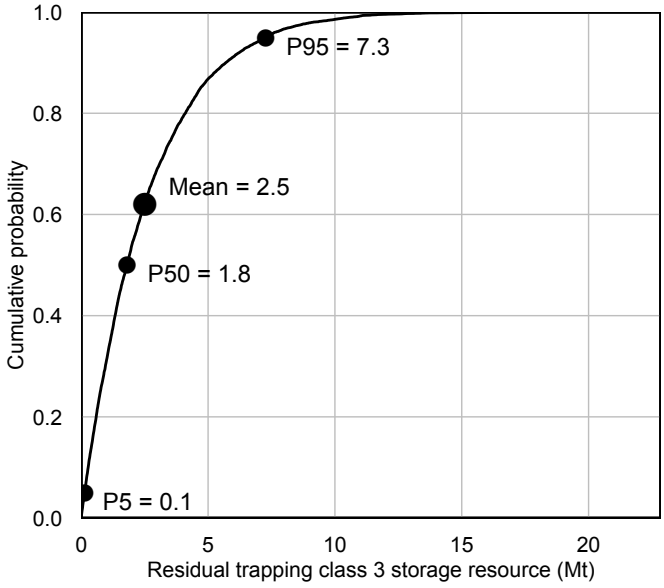




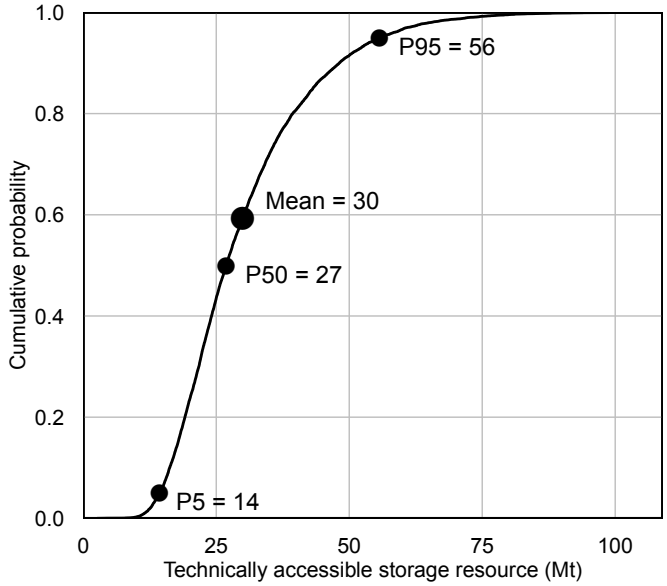


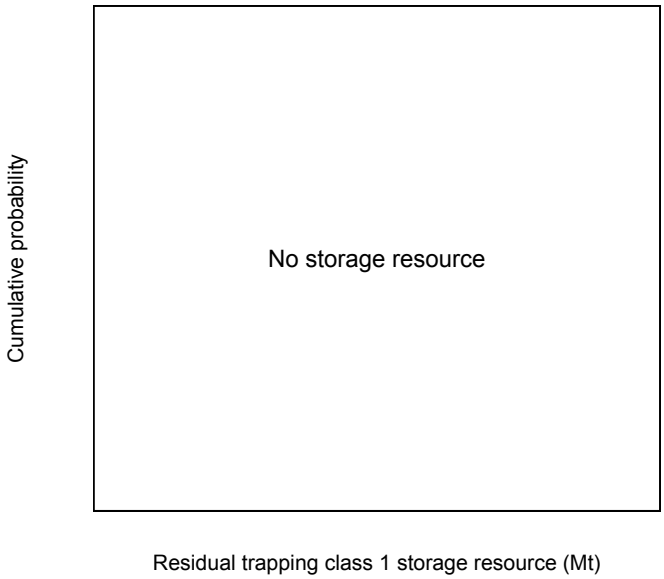


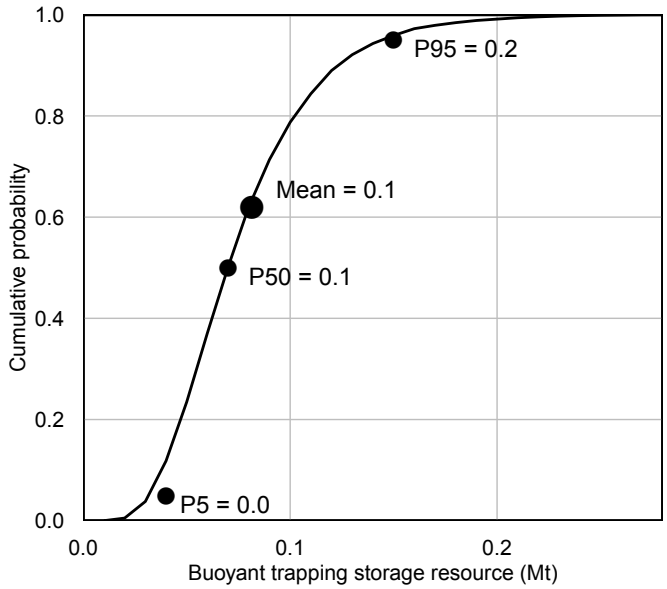


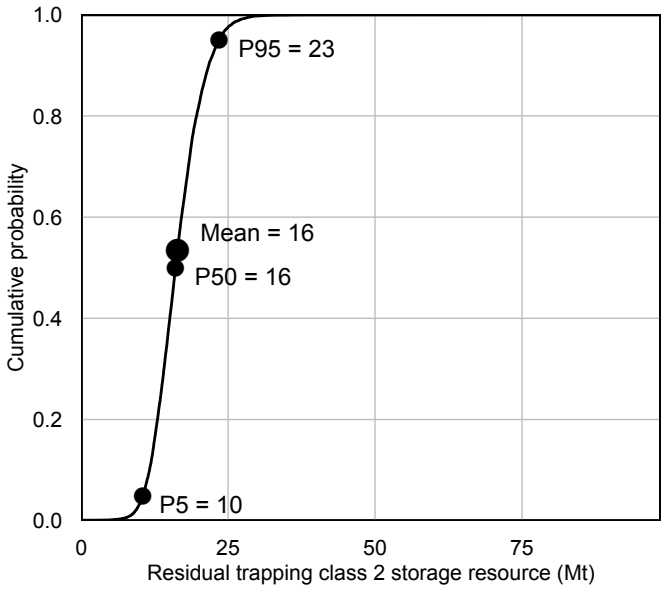


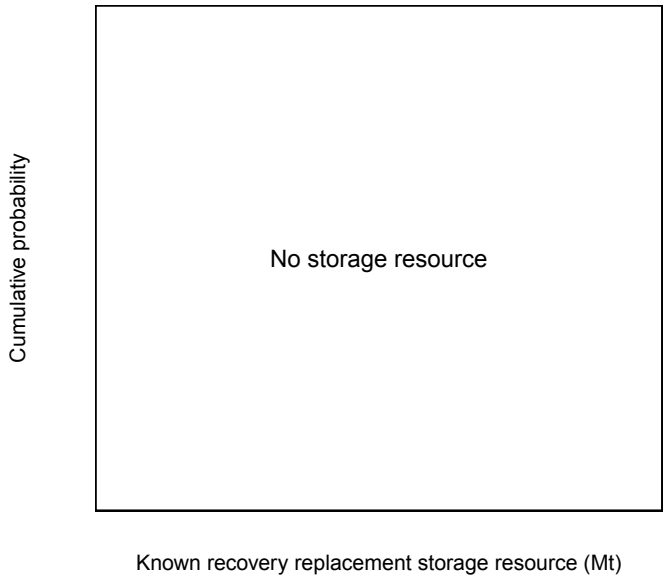
Hanna, Laramie, and Shirley Basins C50300106

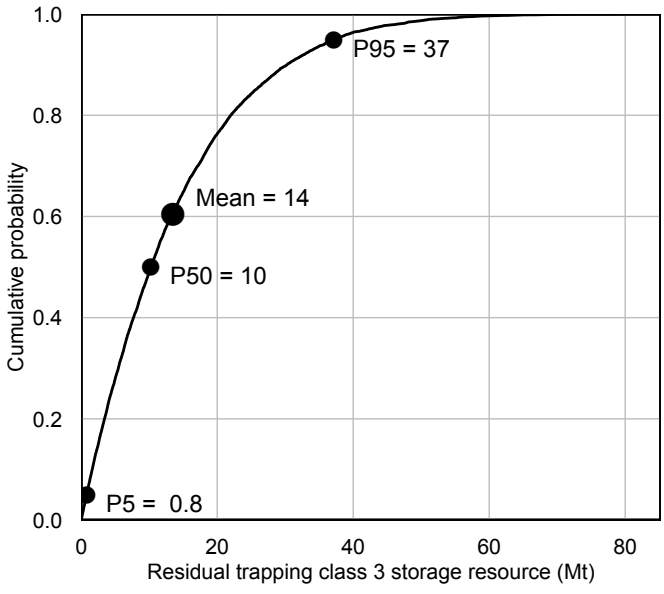




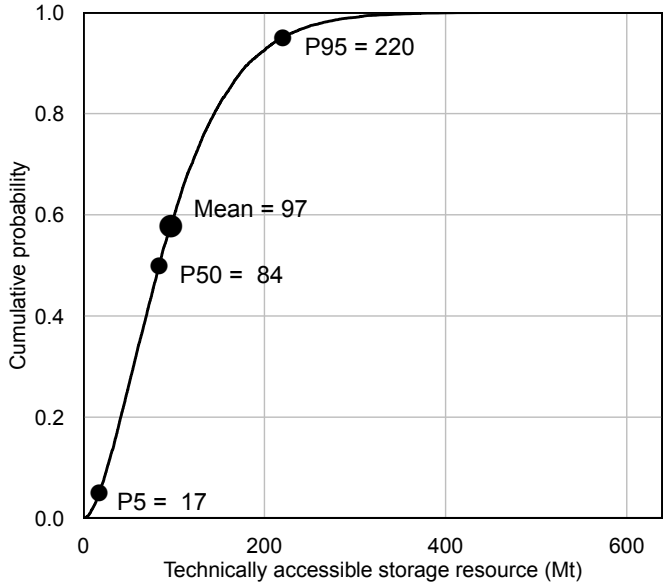


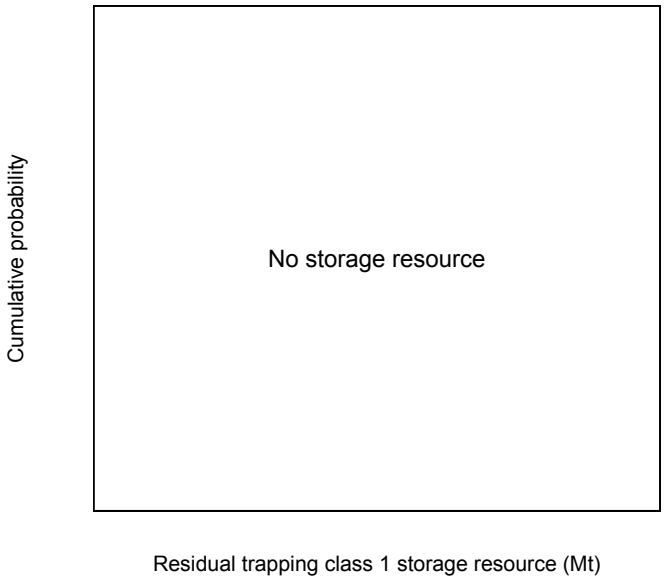


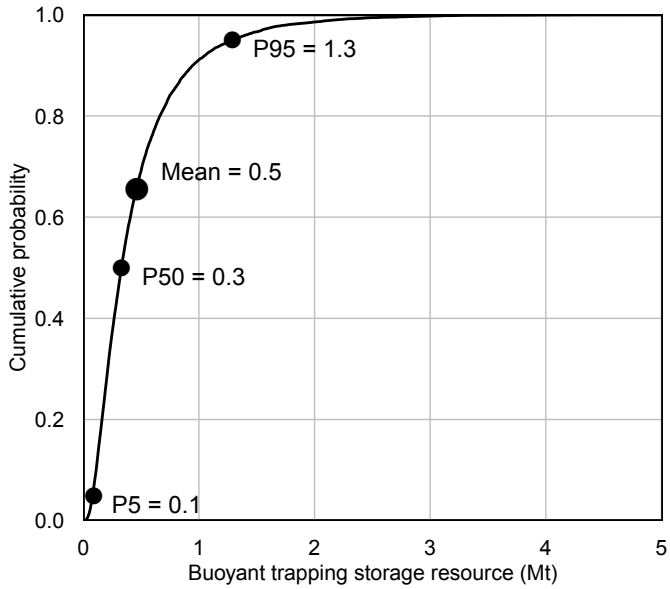


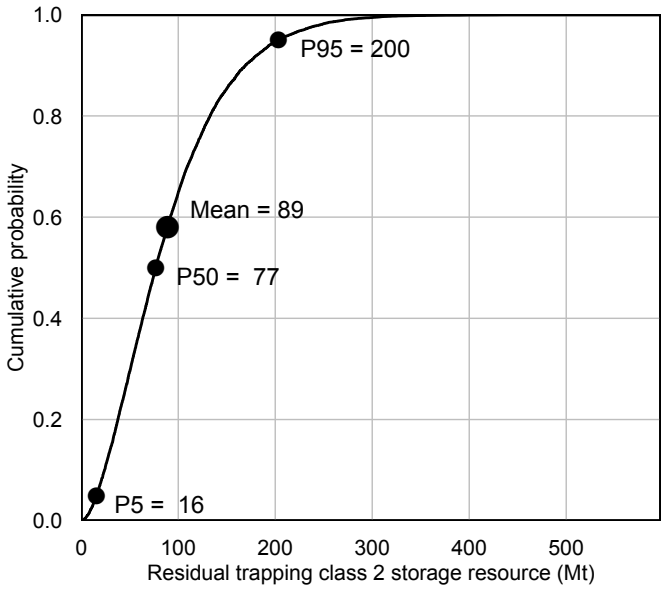


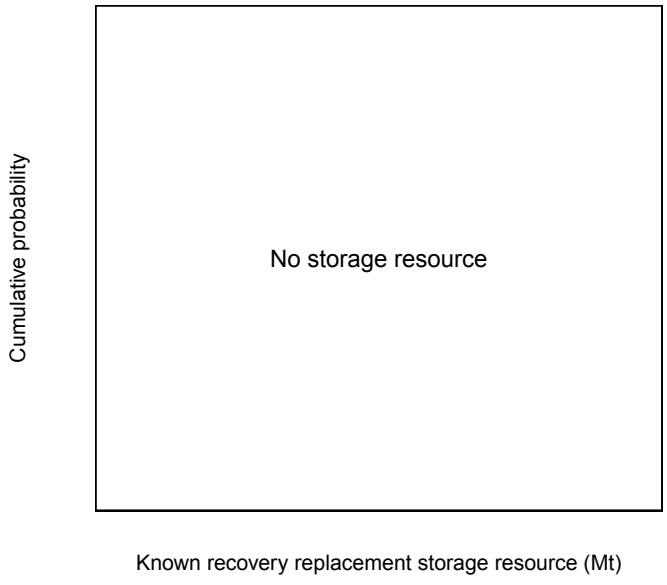
Hanna, Laramie, and Shirley Basins C50300107

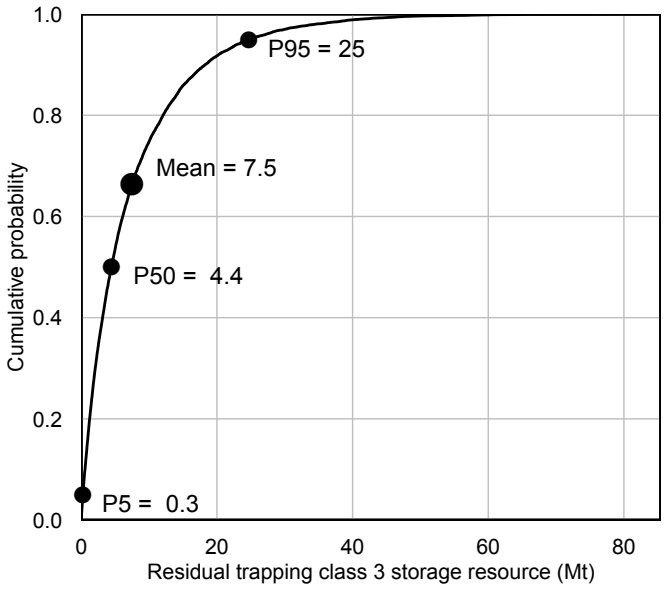




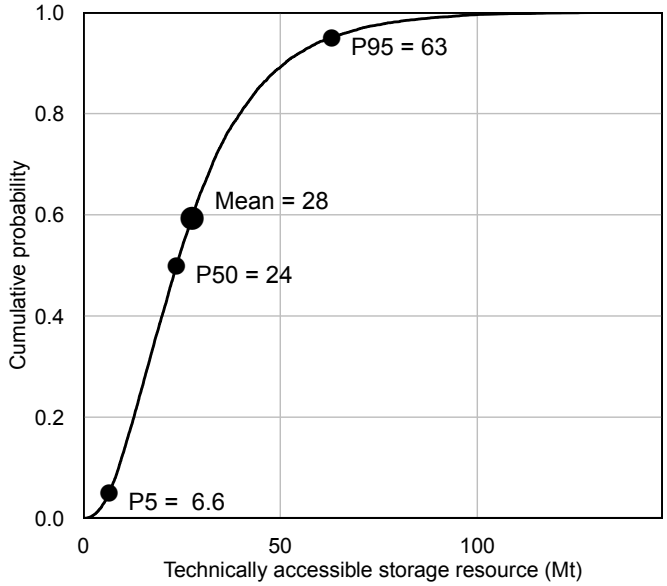


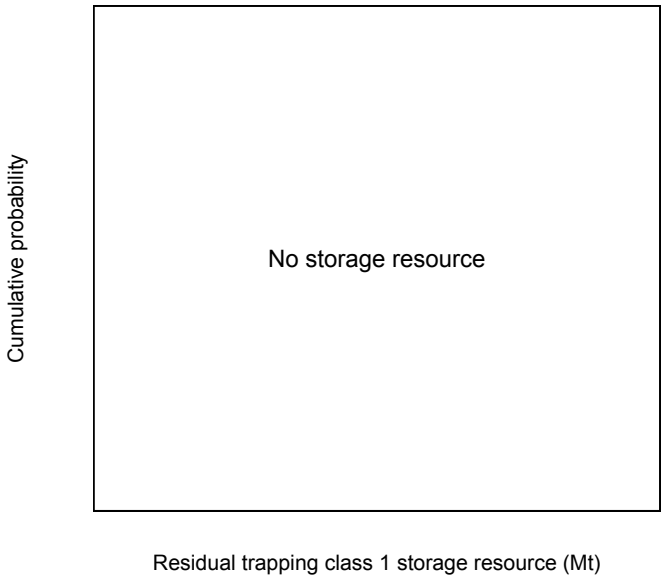


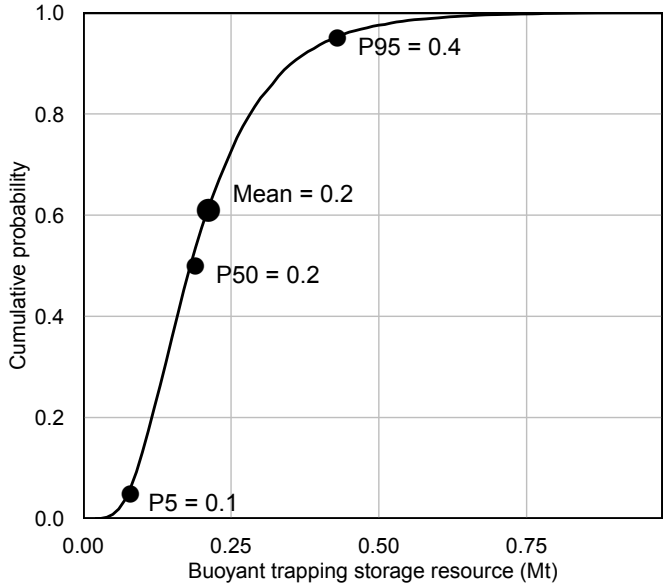


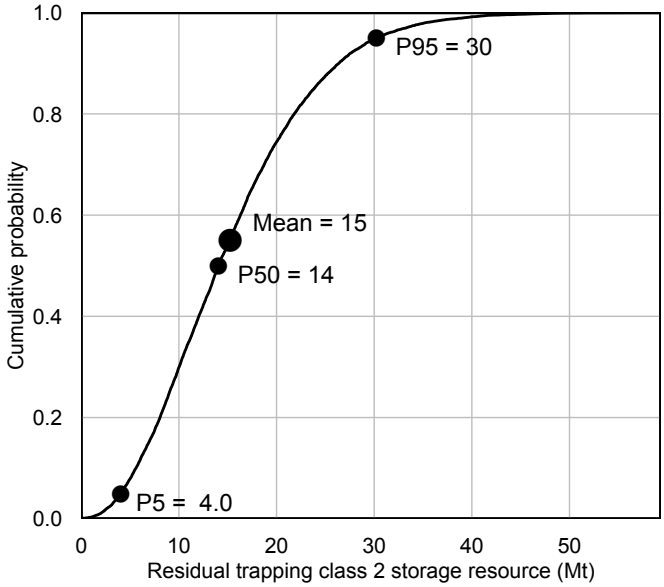


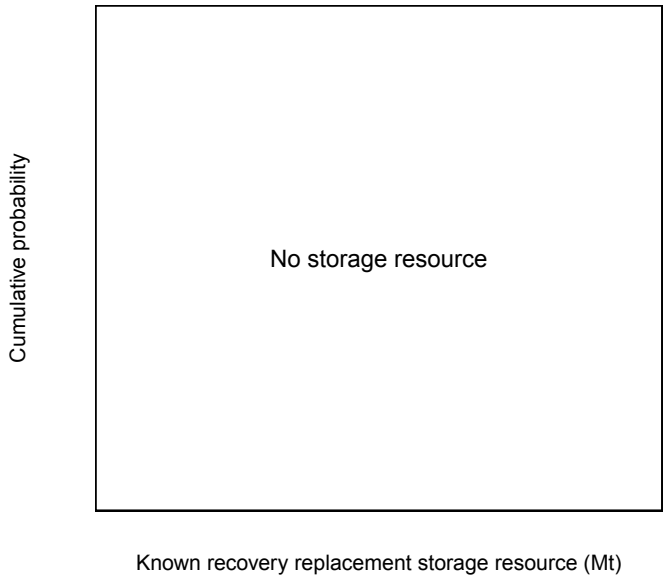
Hanna, Laramie, and Shirley Basins C50300108

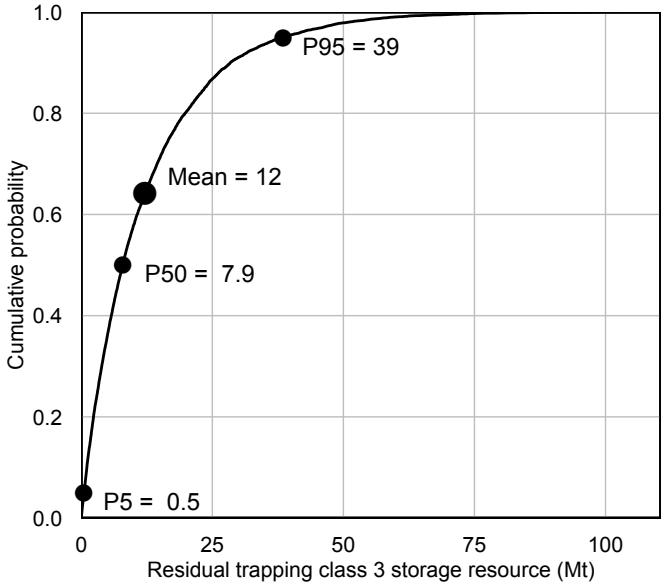




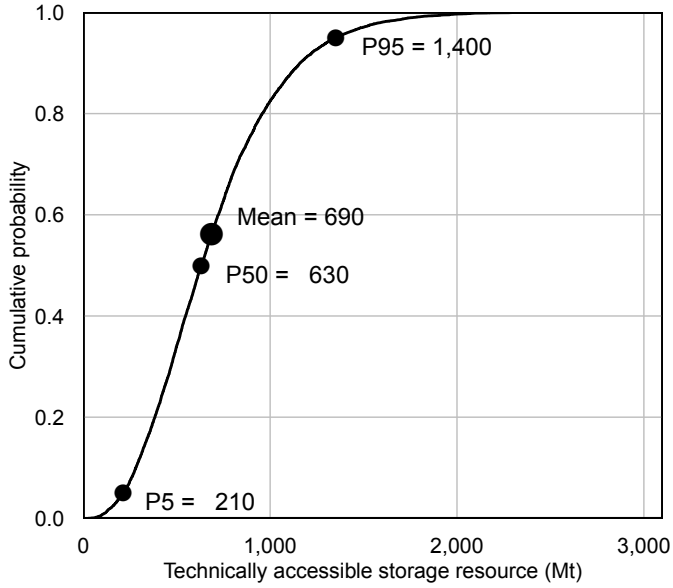


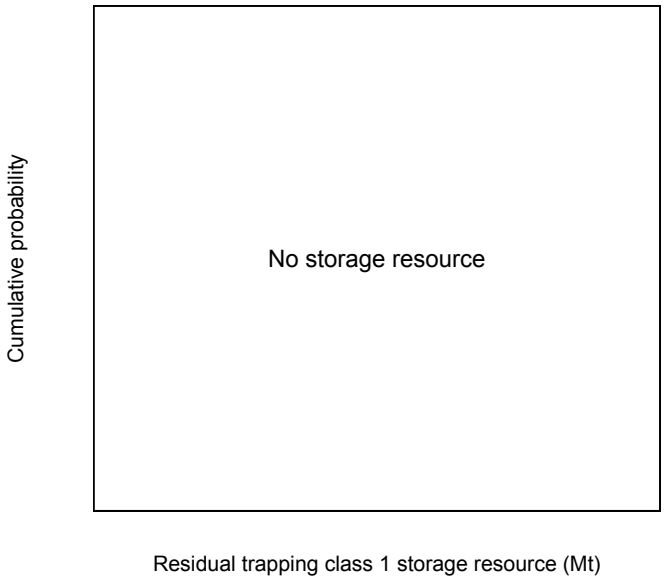


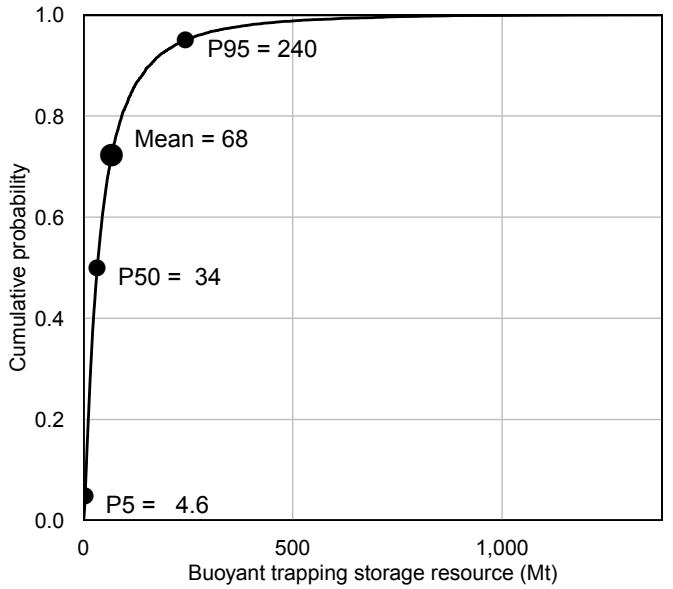


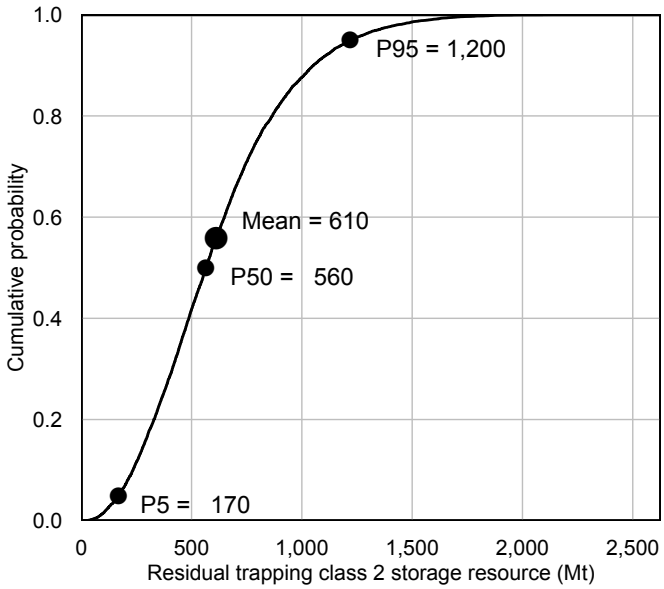


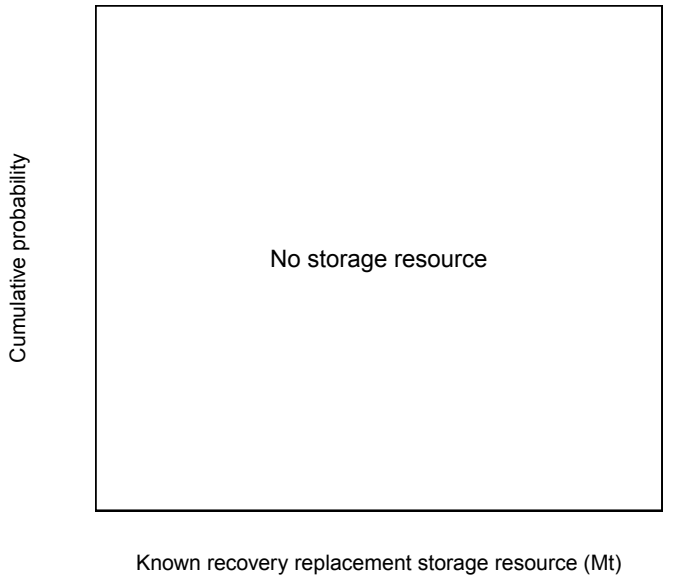
Hanna, Laramie, and Shirley Basins C50300109

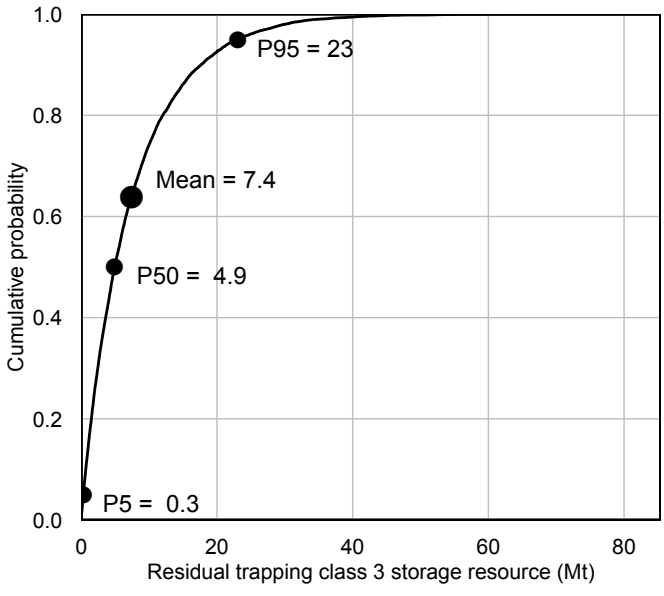




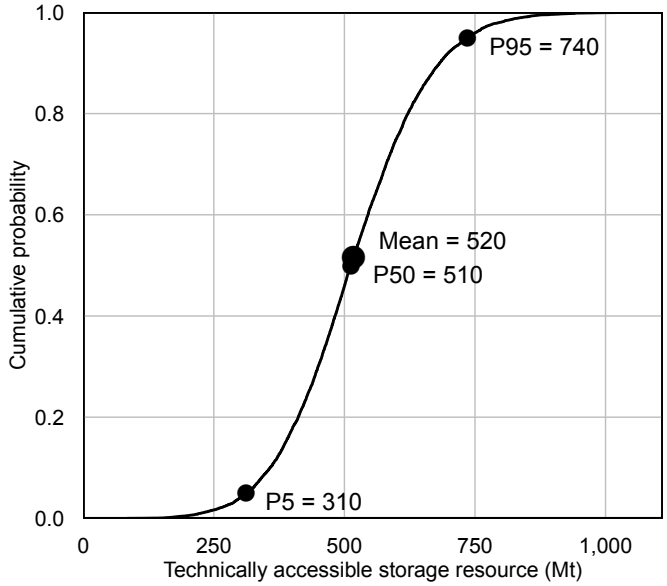


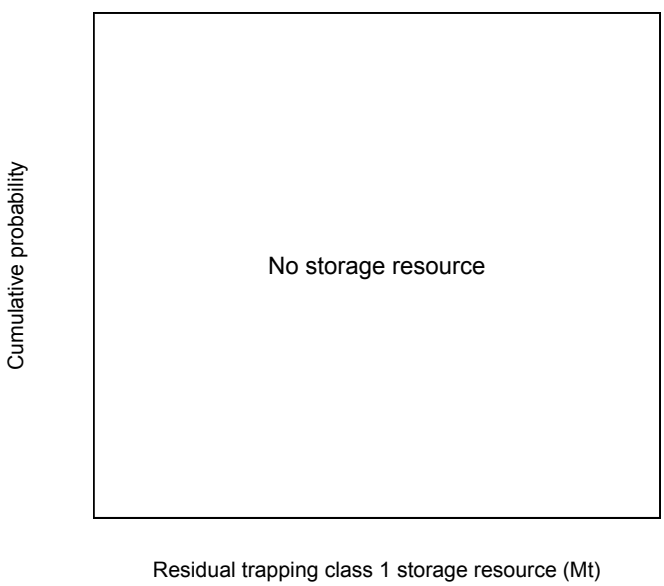


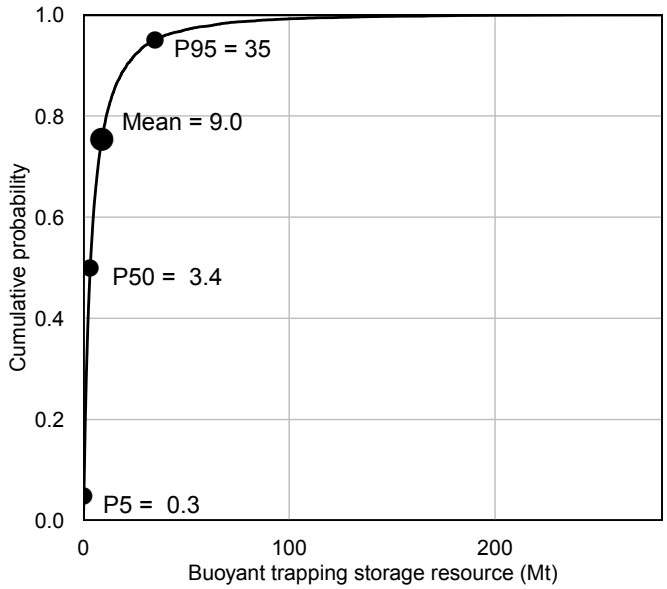


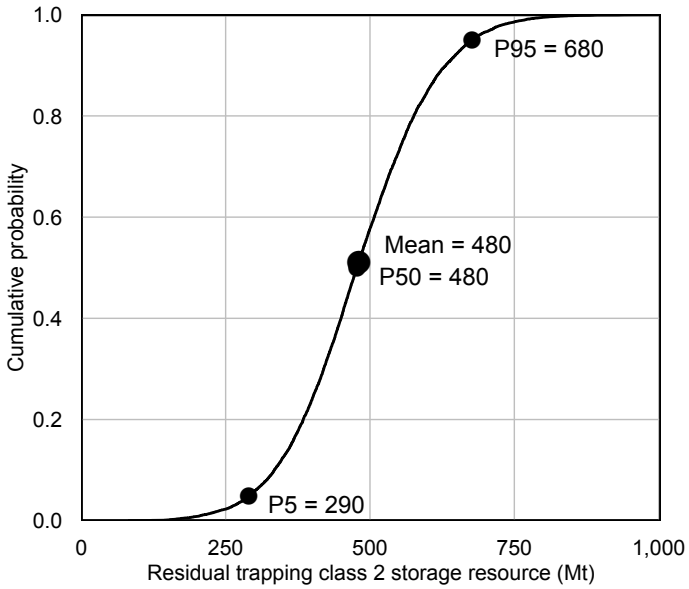


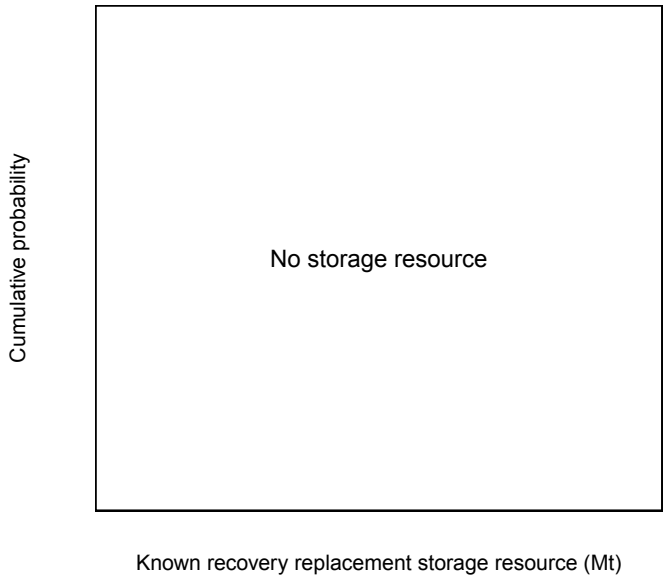
Hanna, Laramie, and Shirley Basins C50300110

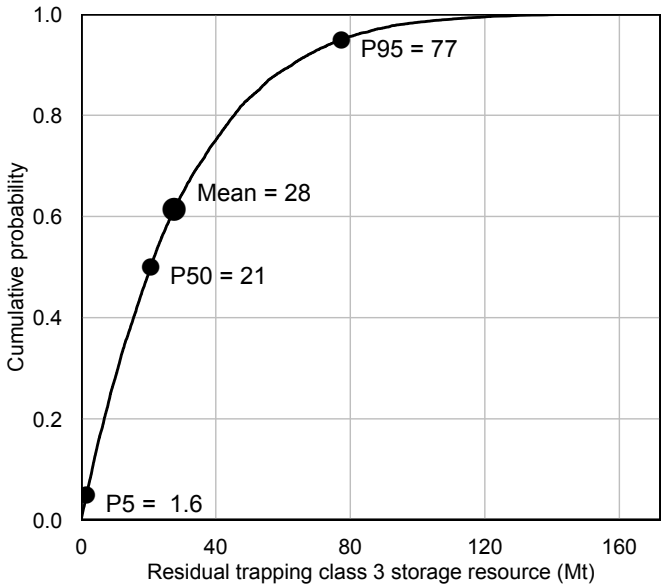




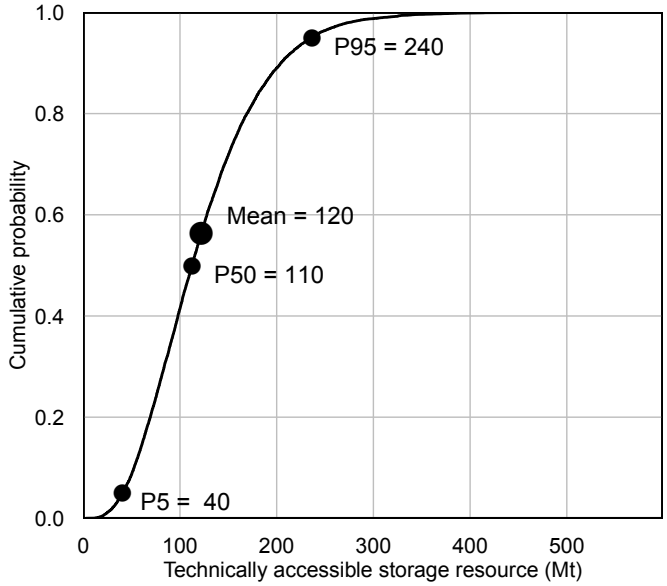


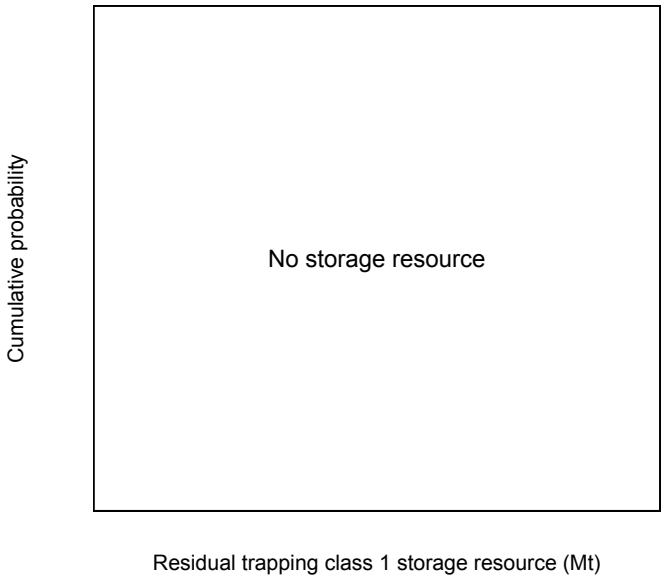


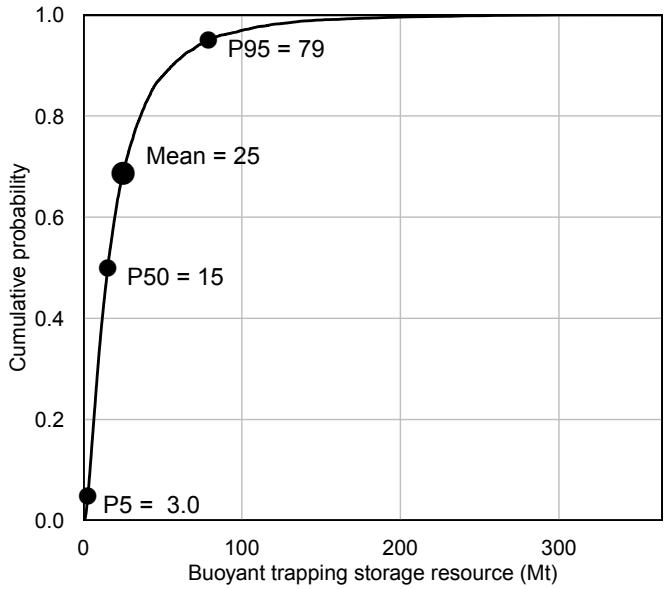


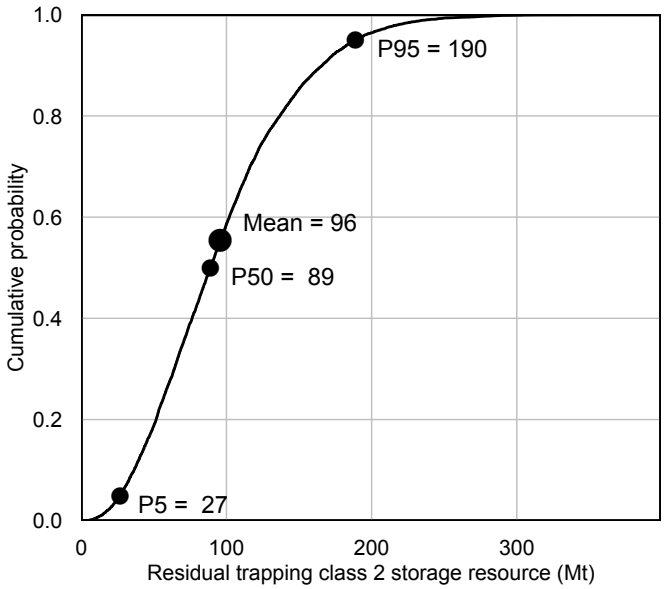


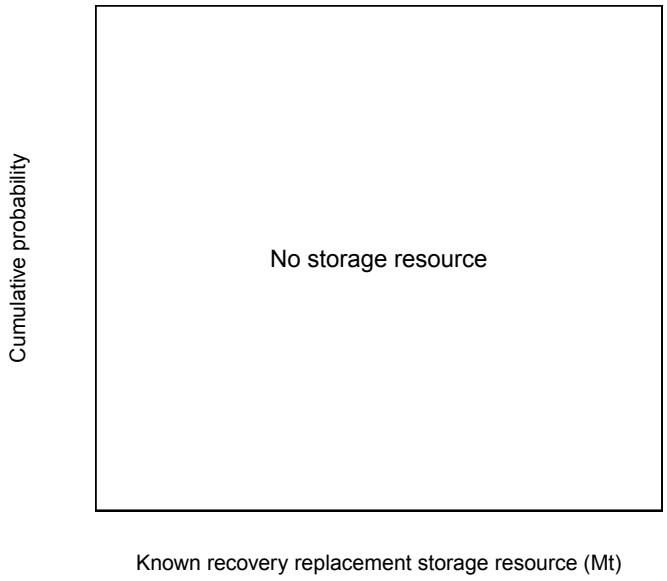
Hanna, Laramie, and Shirley Basins C50300111

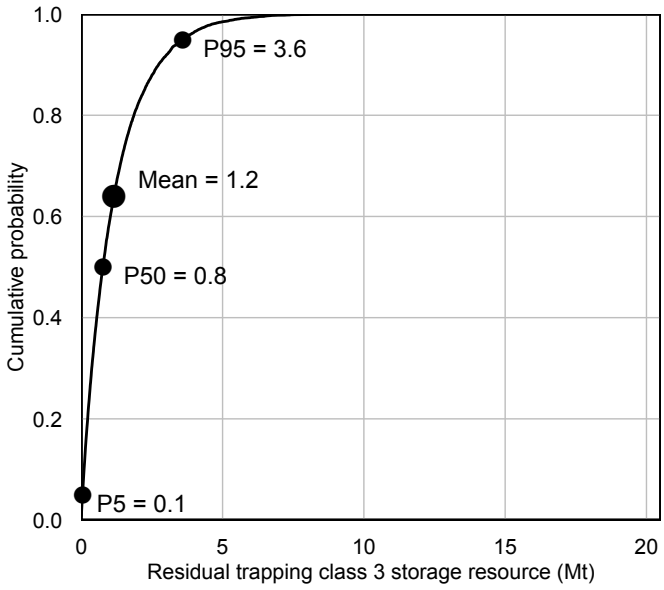




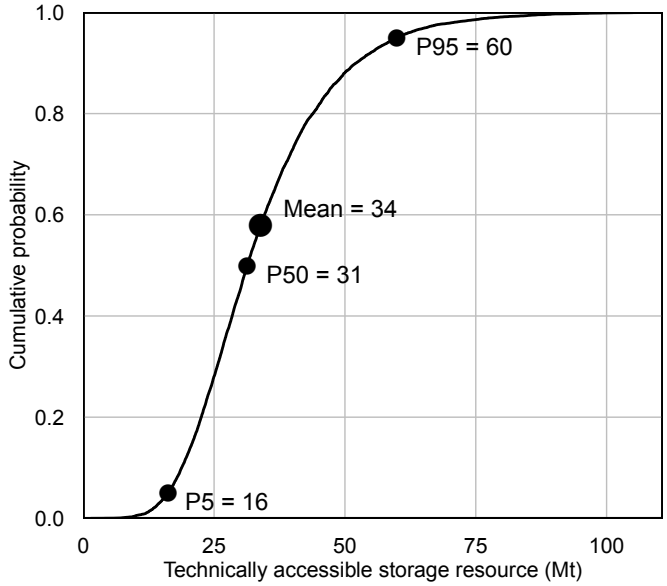


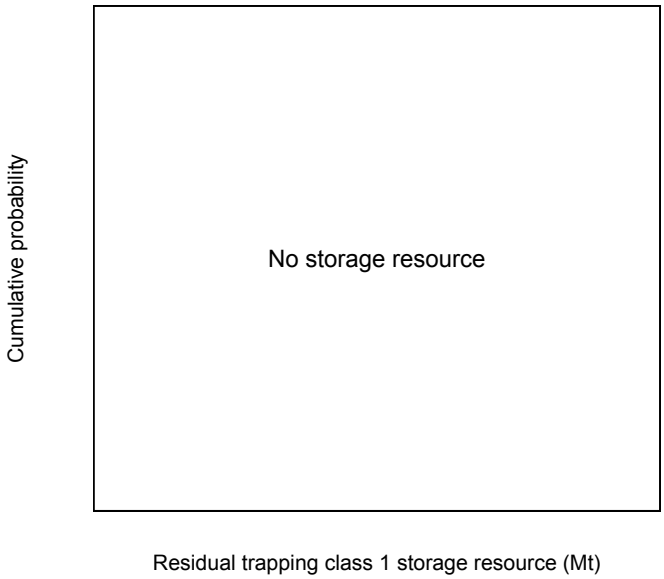


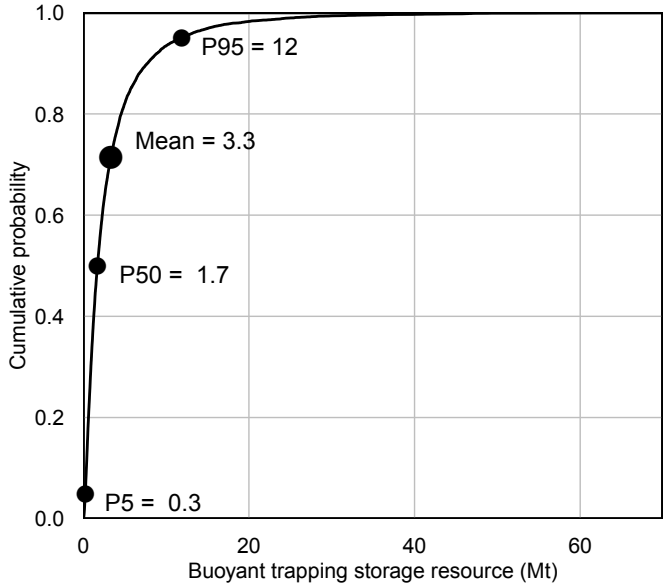


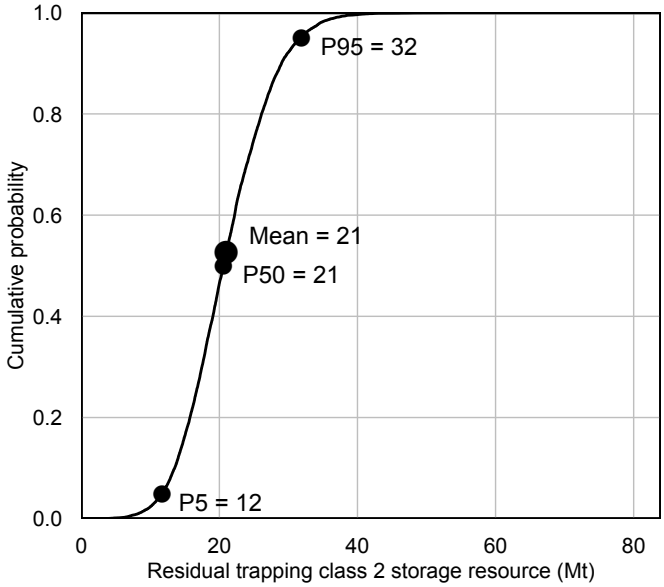


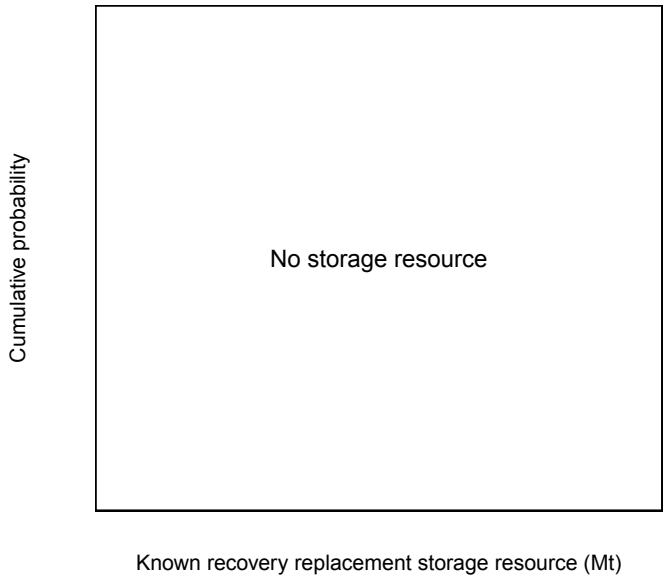
Hanna, Laramie, and Shirley Basins C50300112

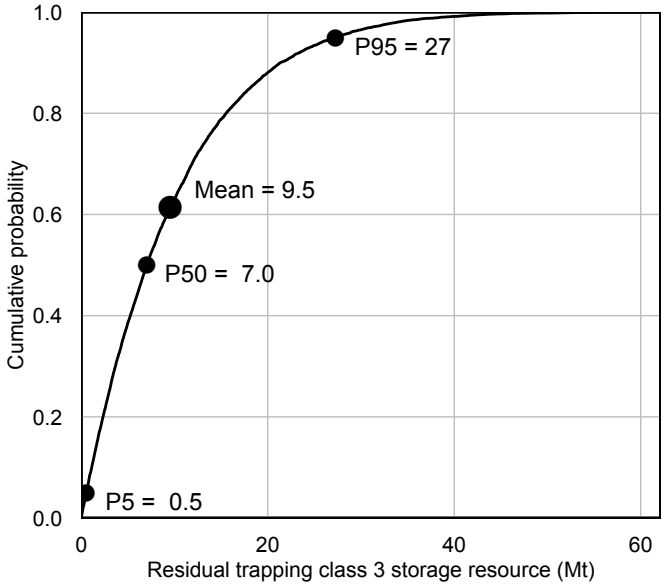




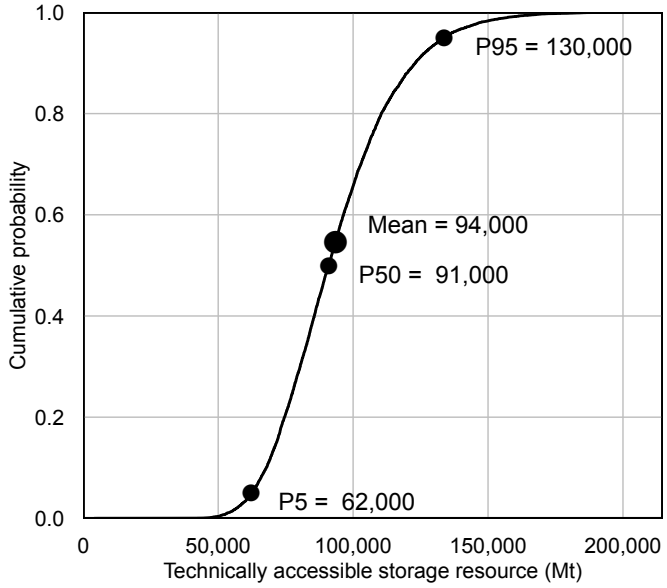


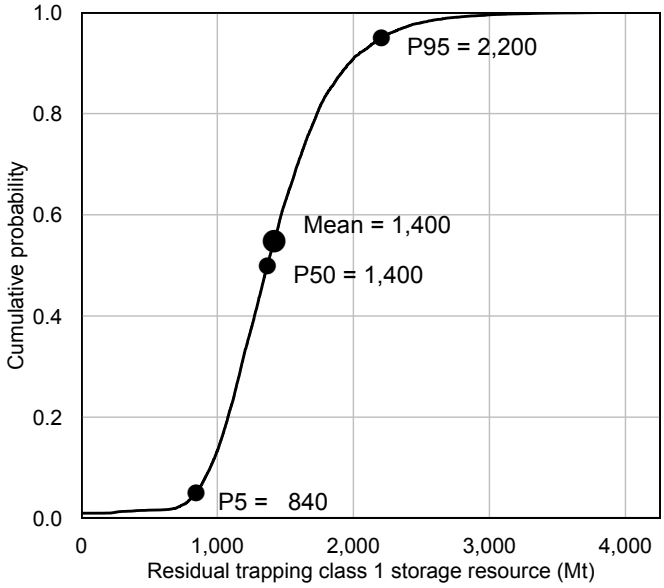


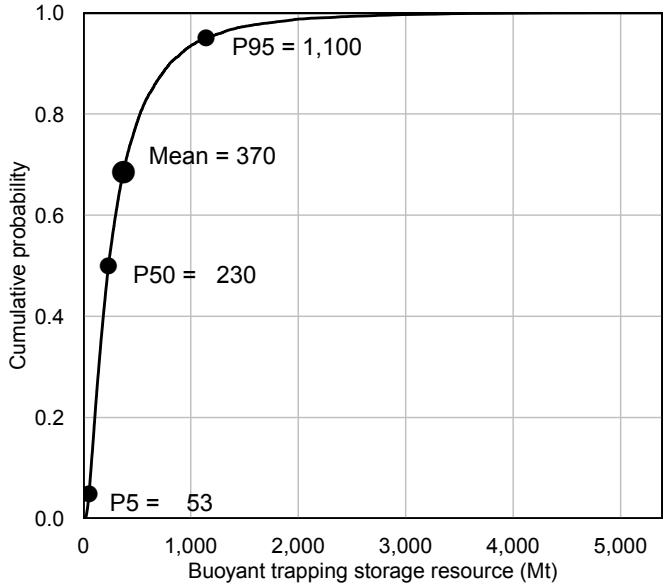


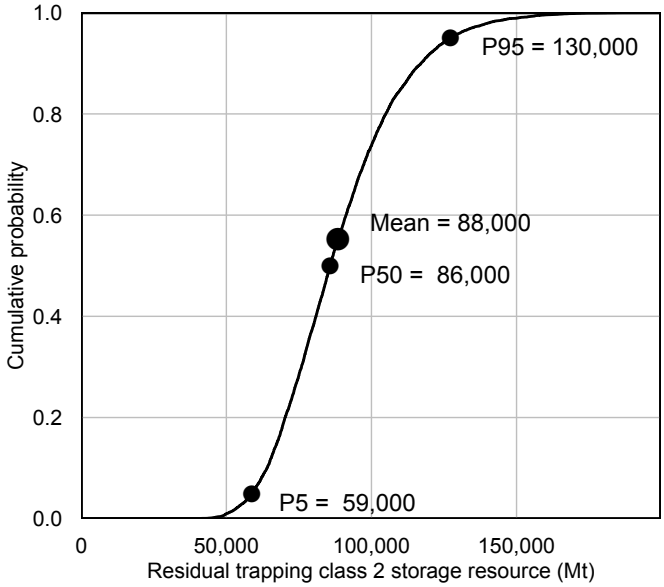


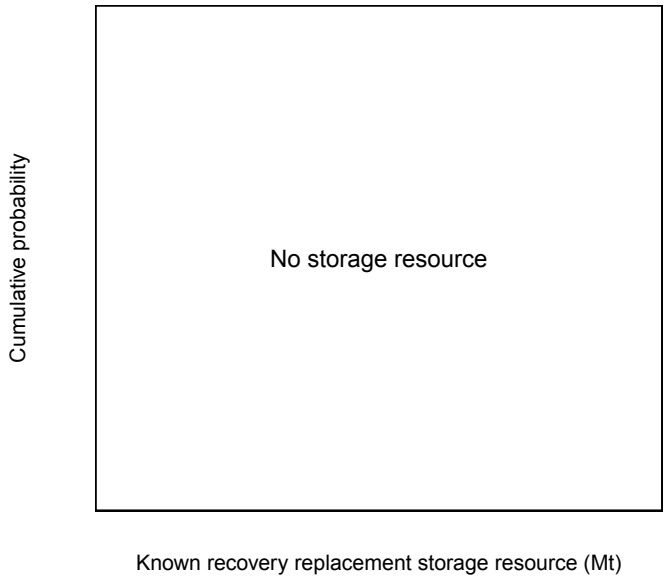
Illinois Basin C50640101

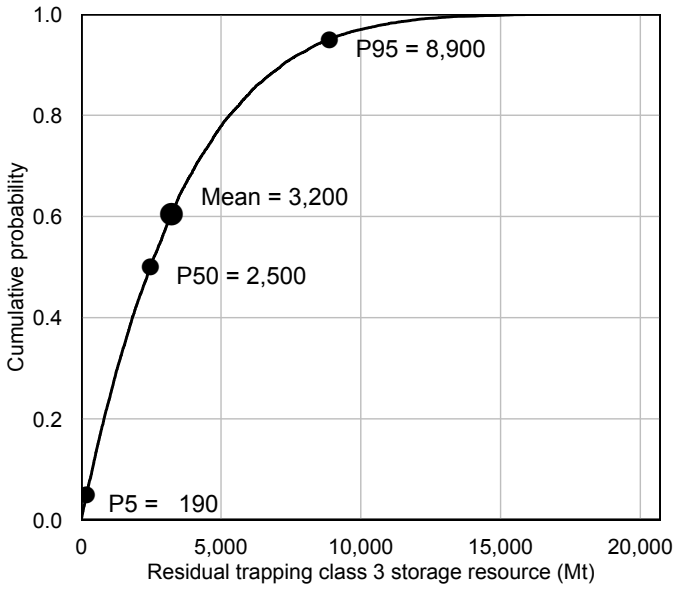




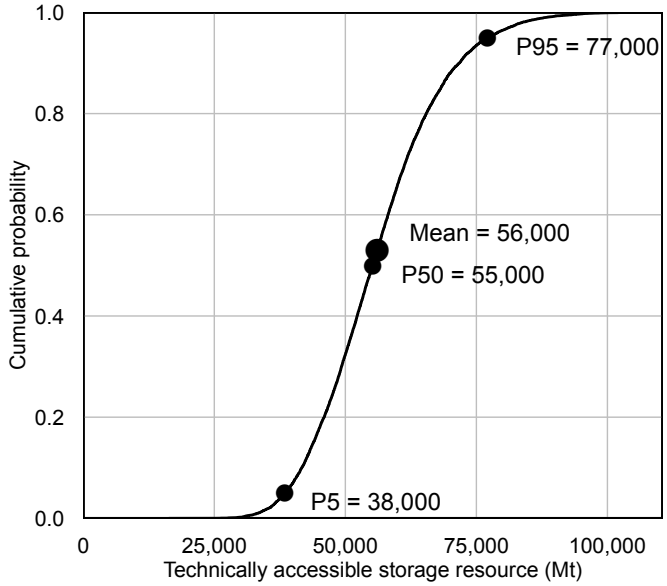


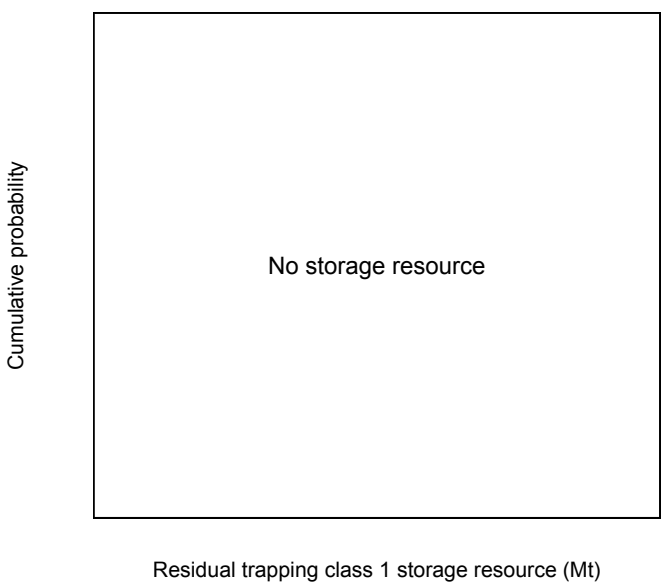


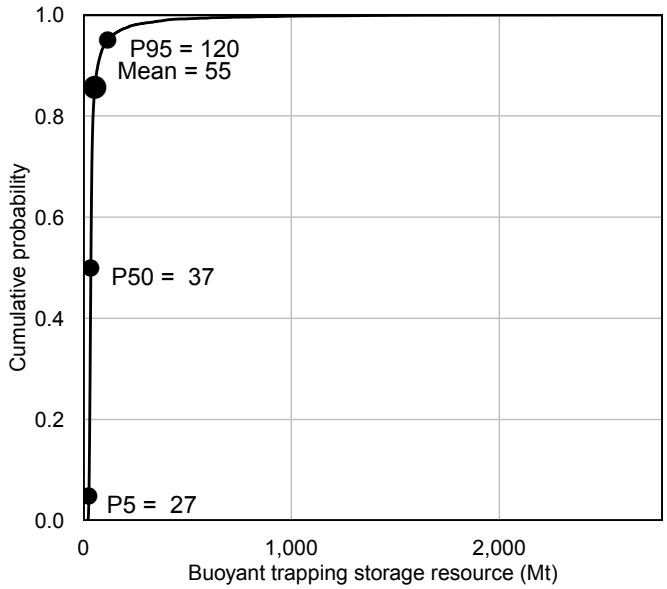


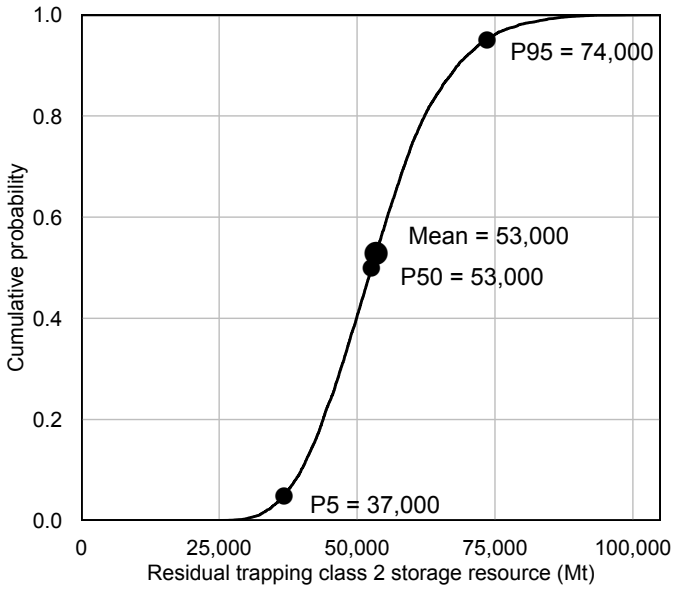


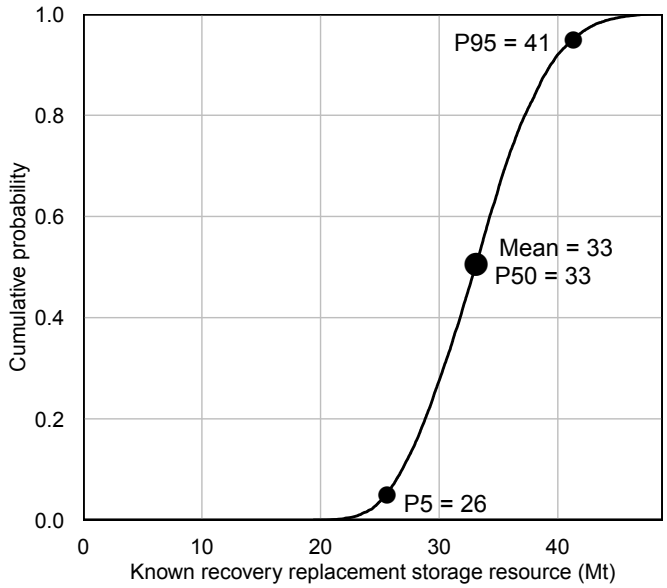
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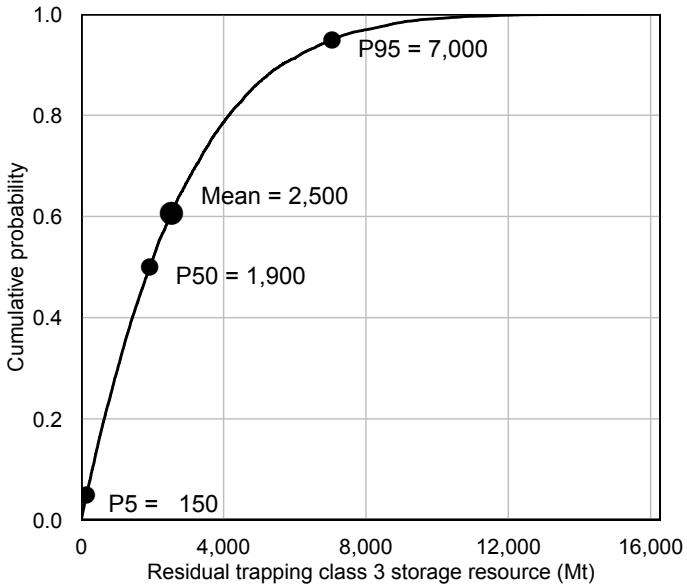




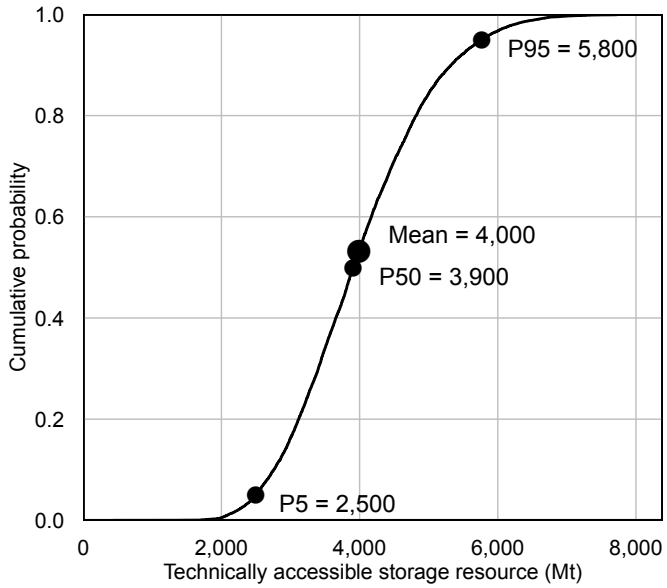


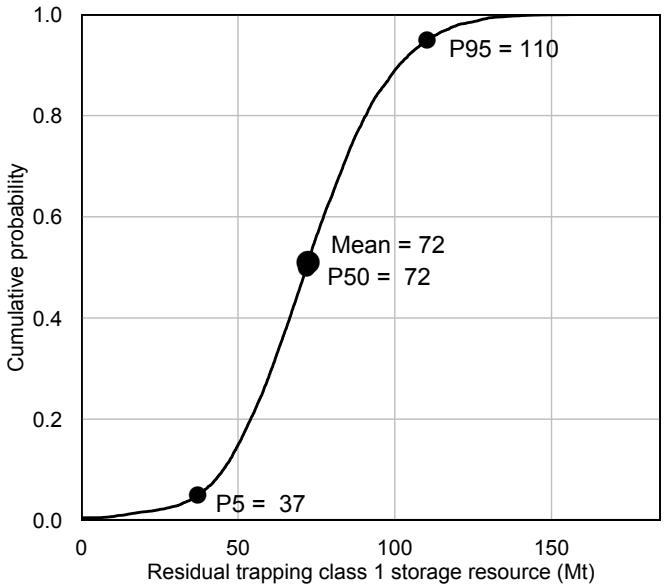


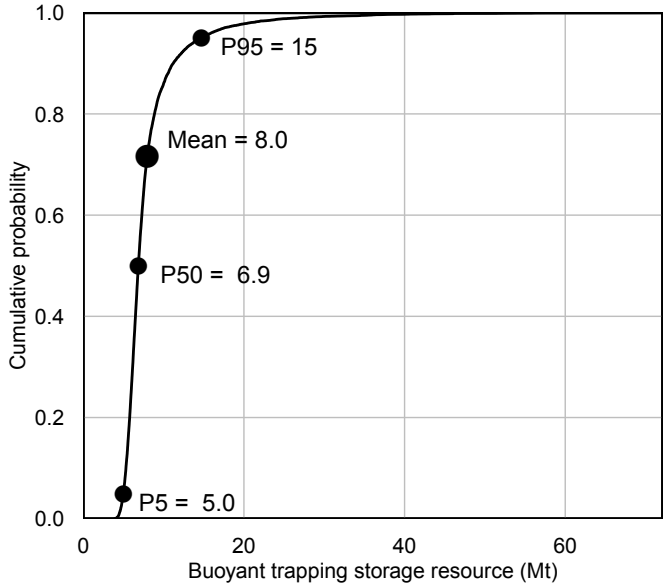


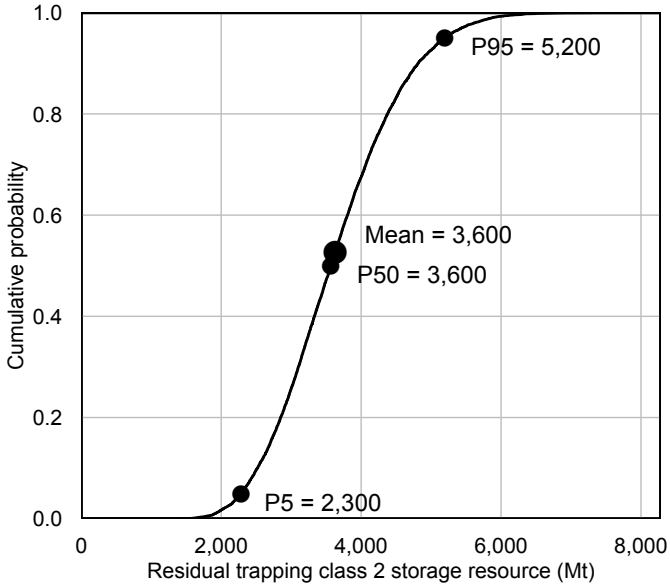


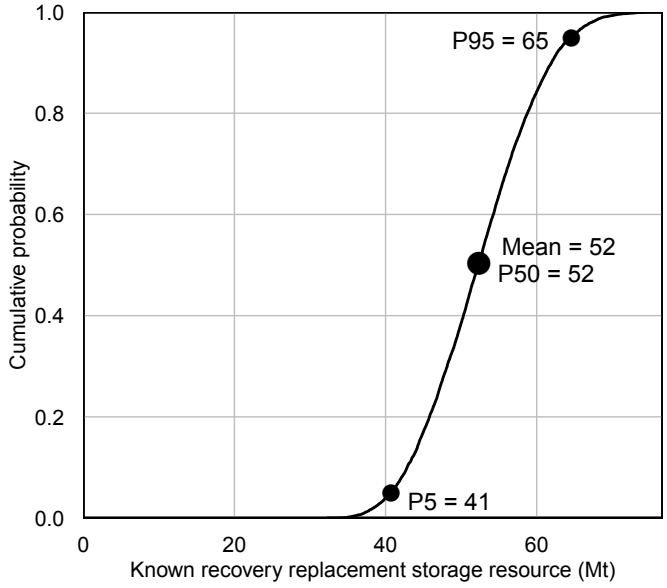
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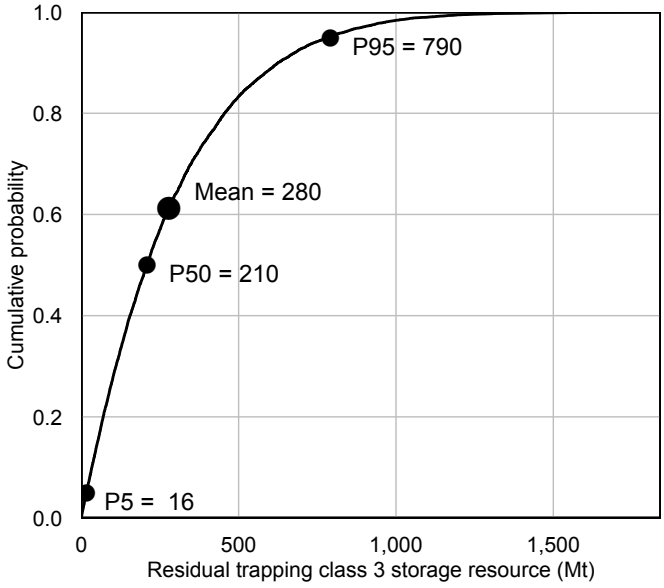




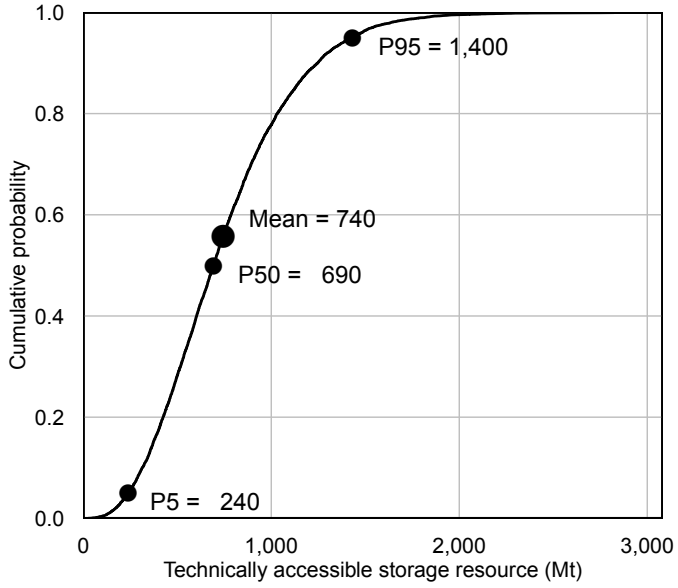


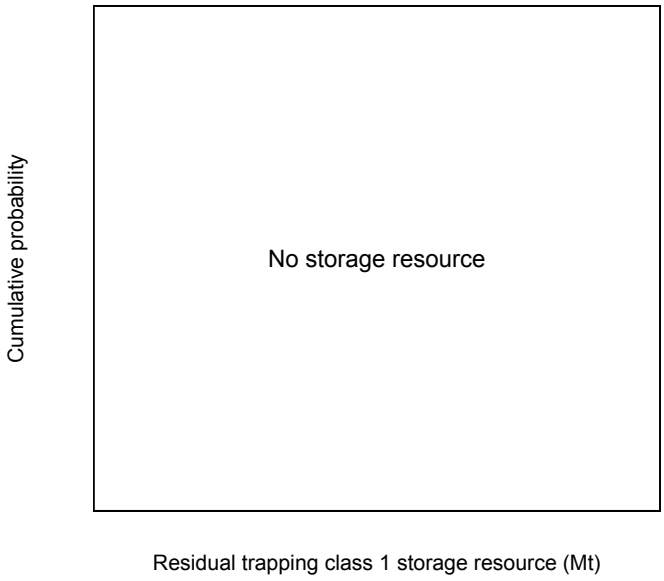


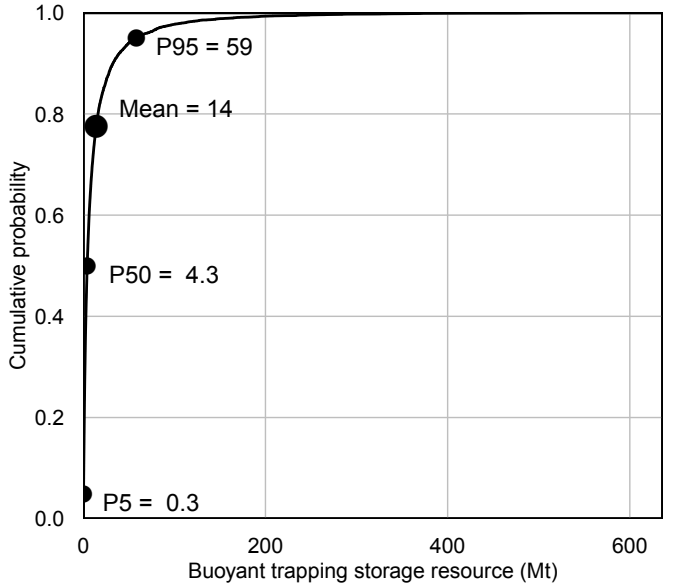


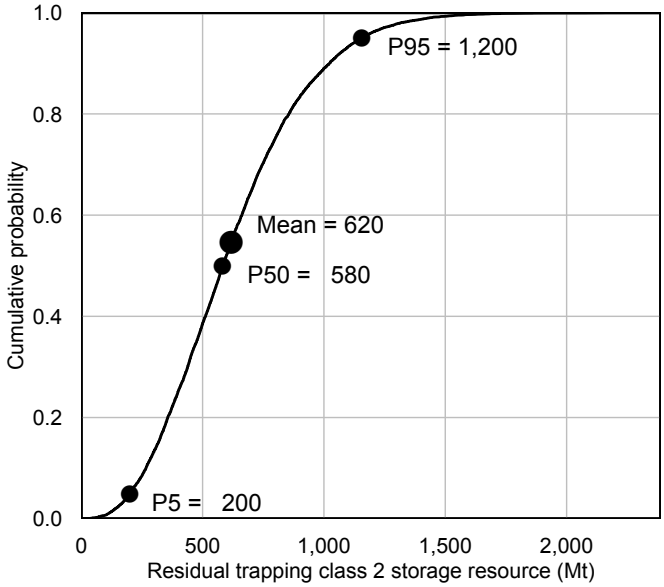


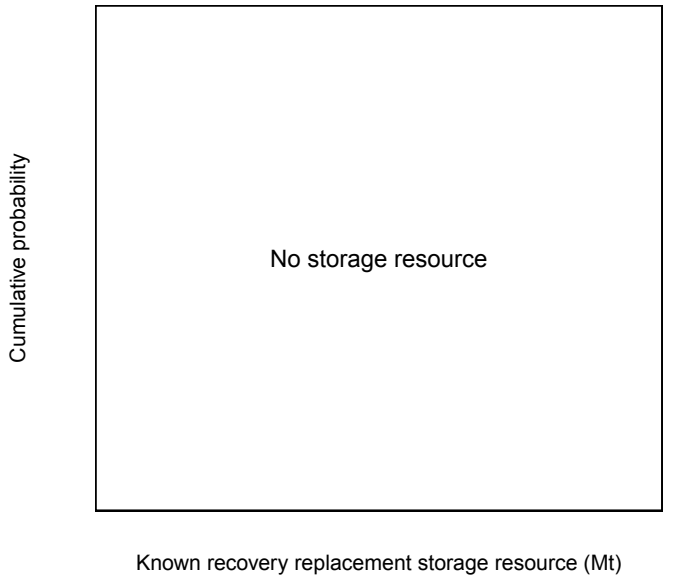
Kandik Basin C50020101

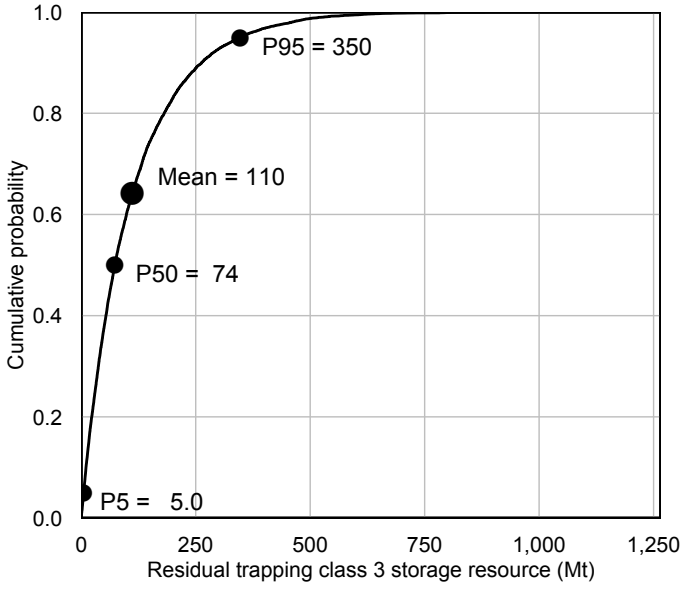




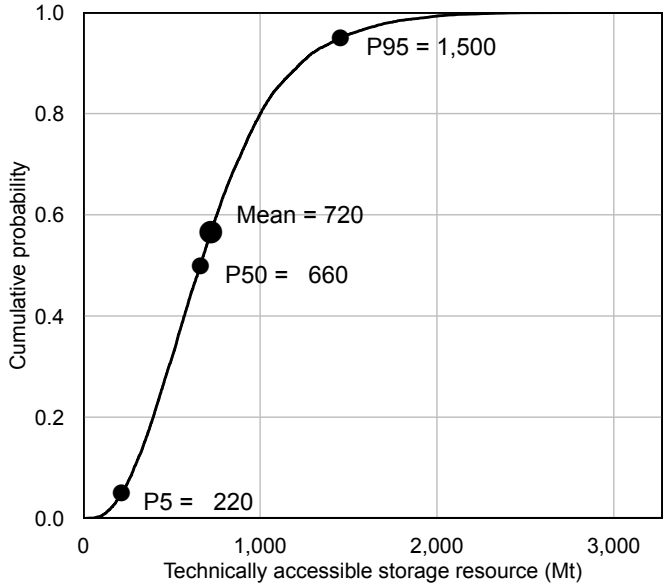


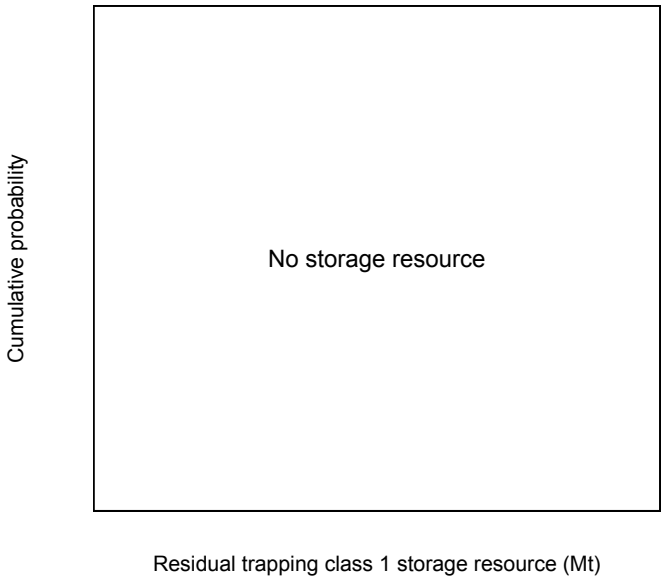


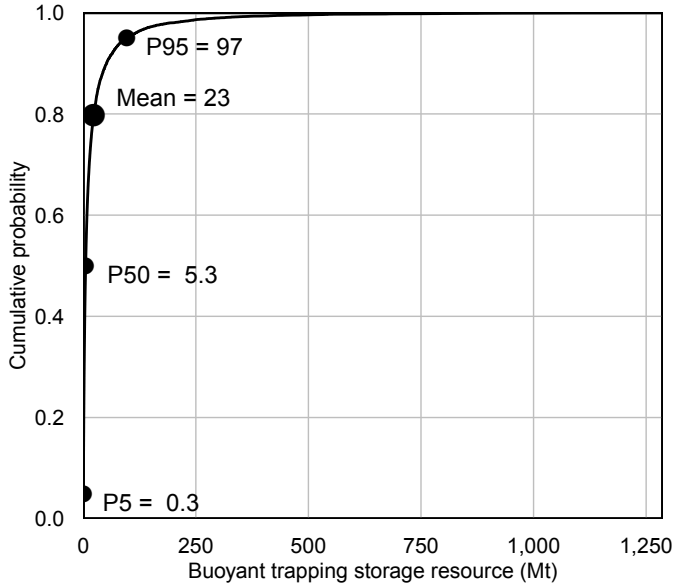


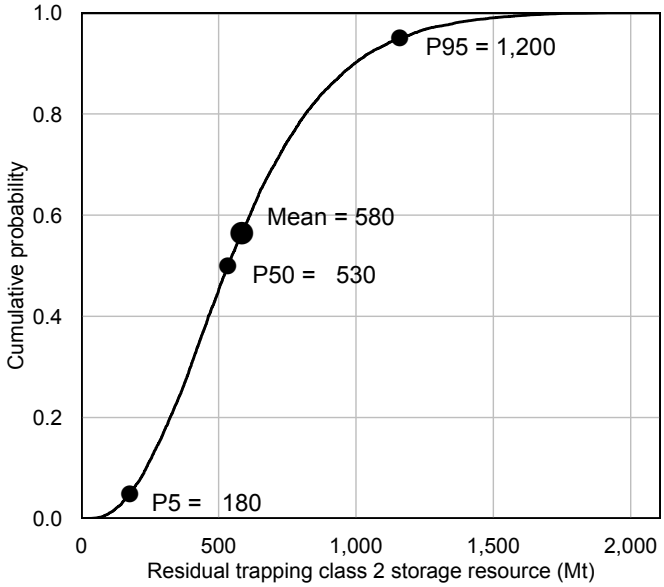


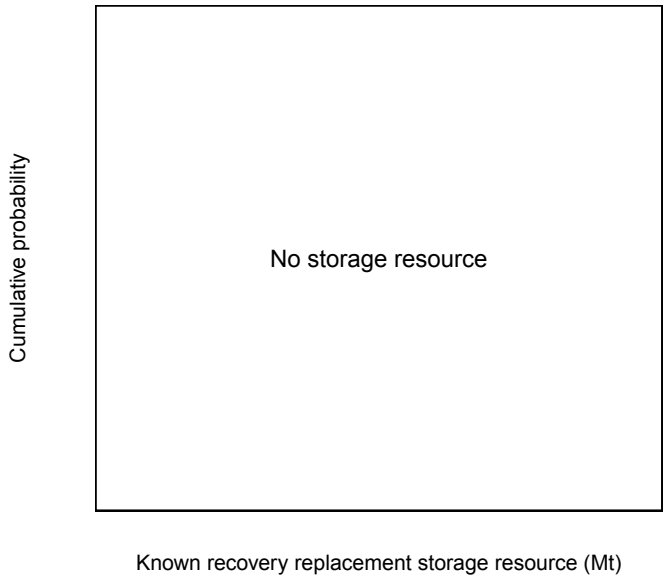
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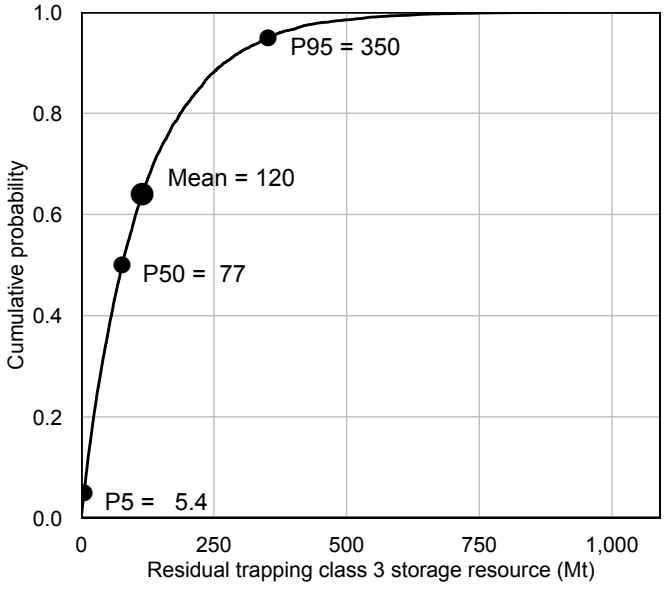




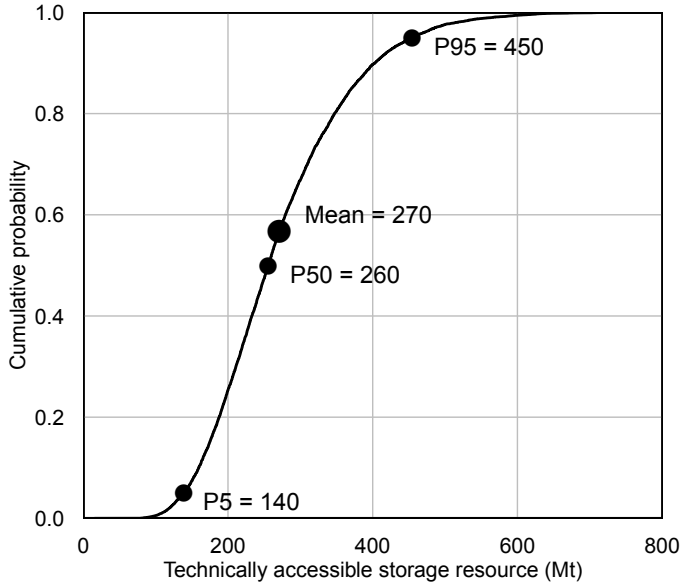


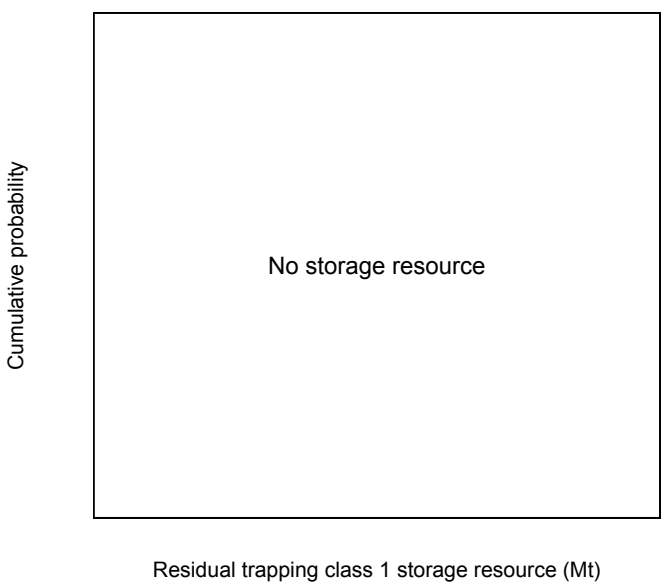


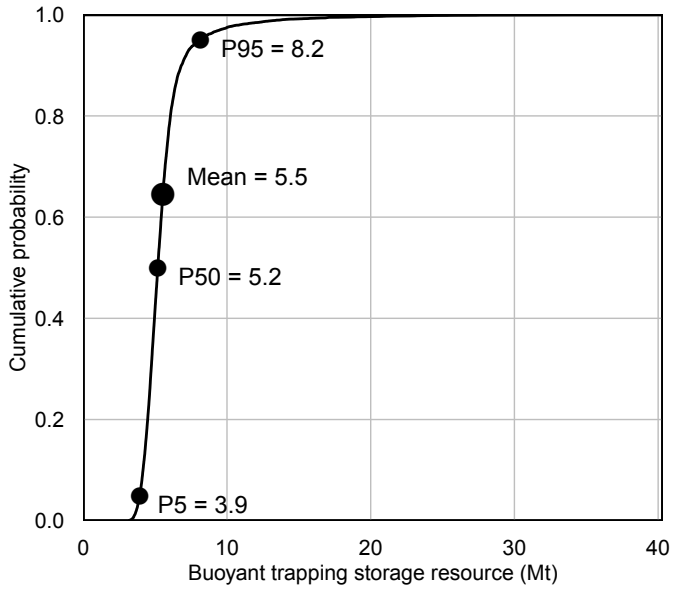


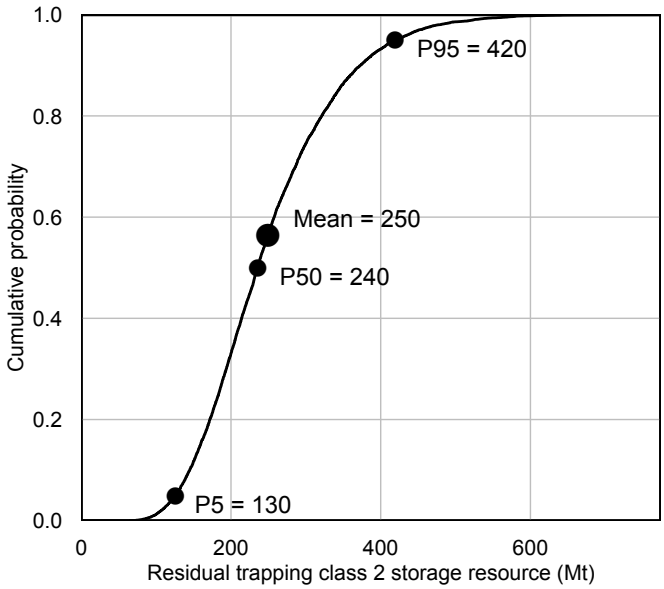


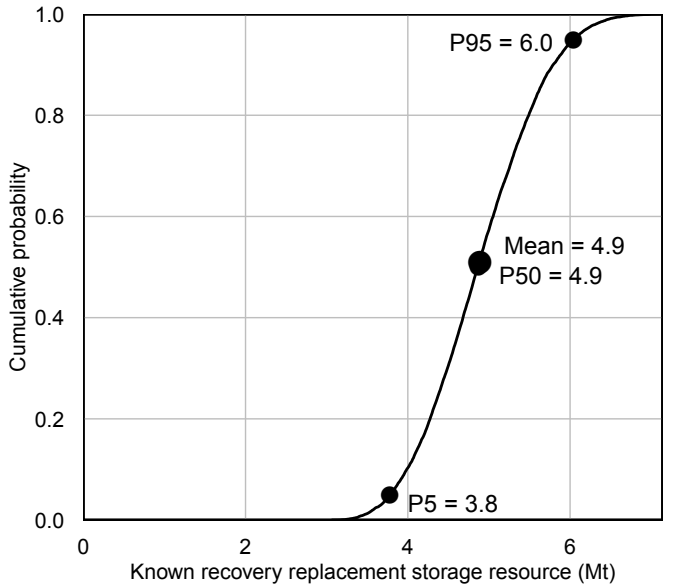
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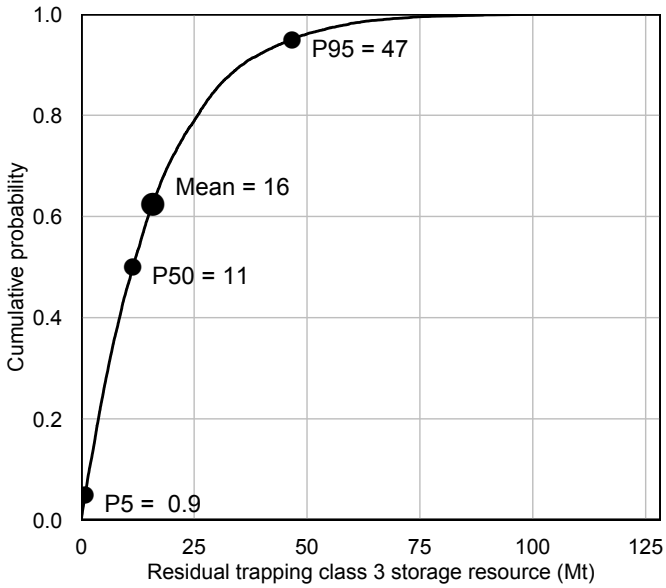




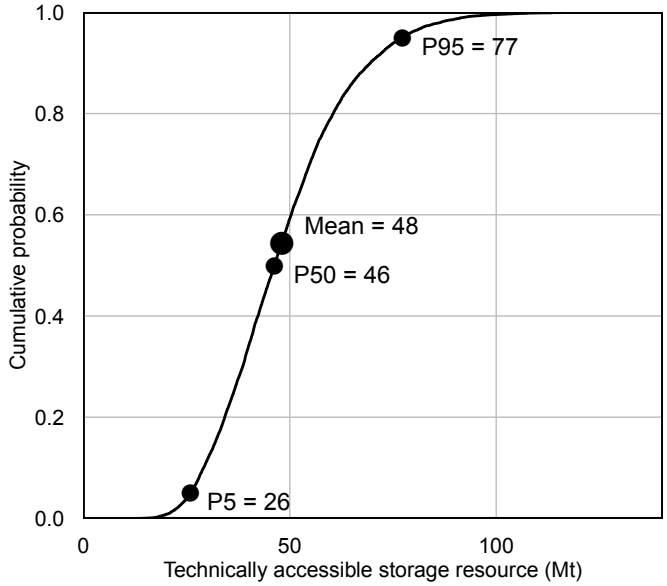


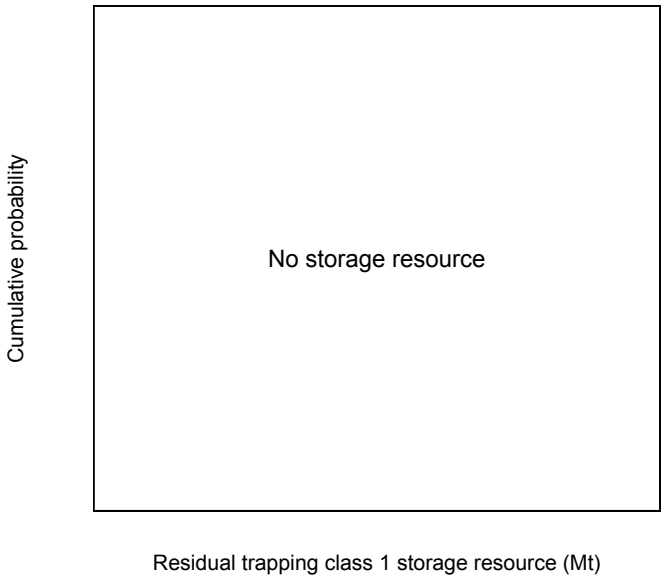


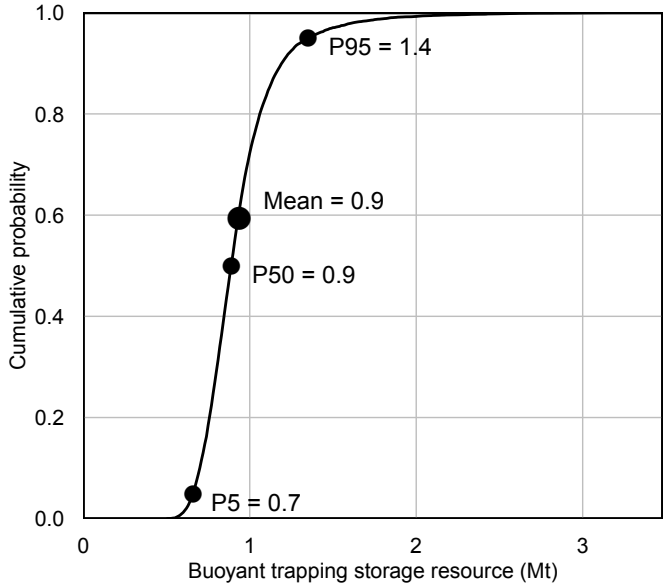


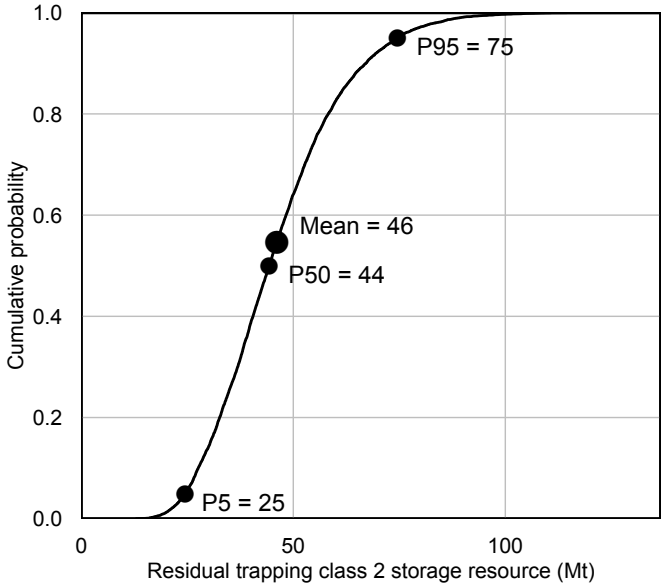


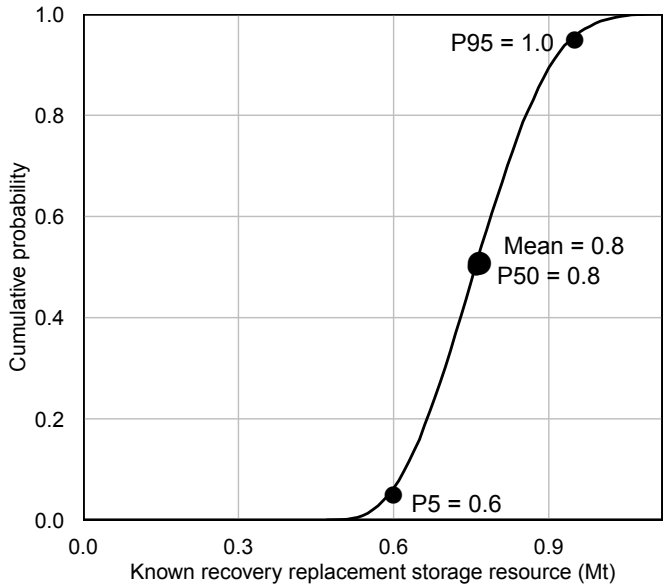
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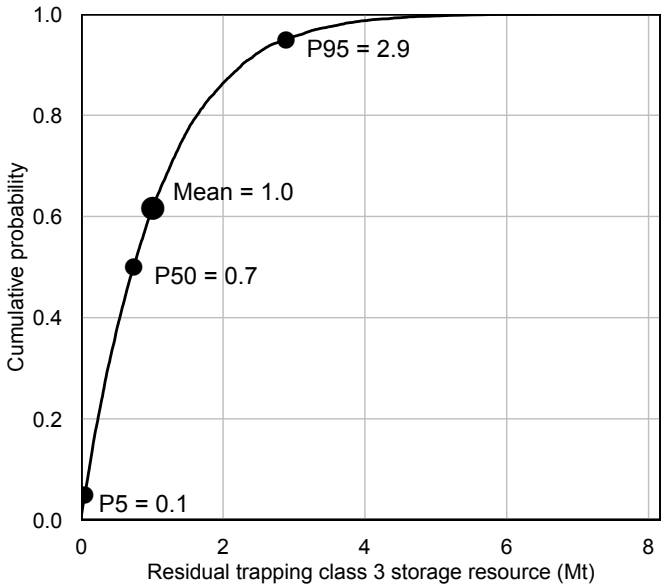




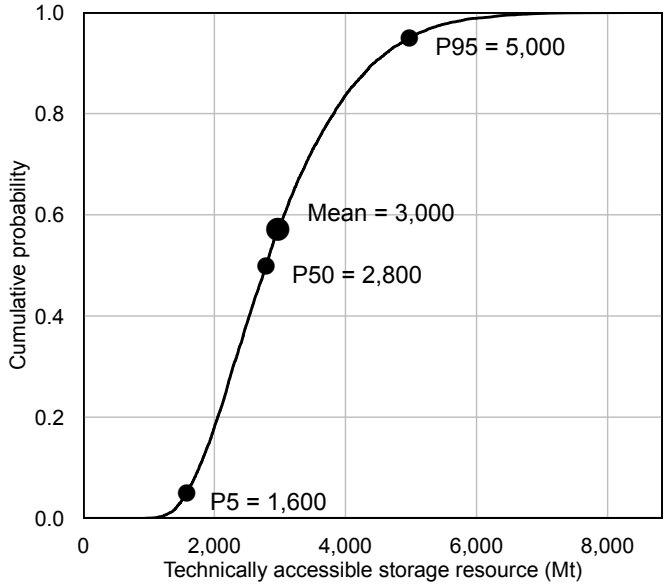


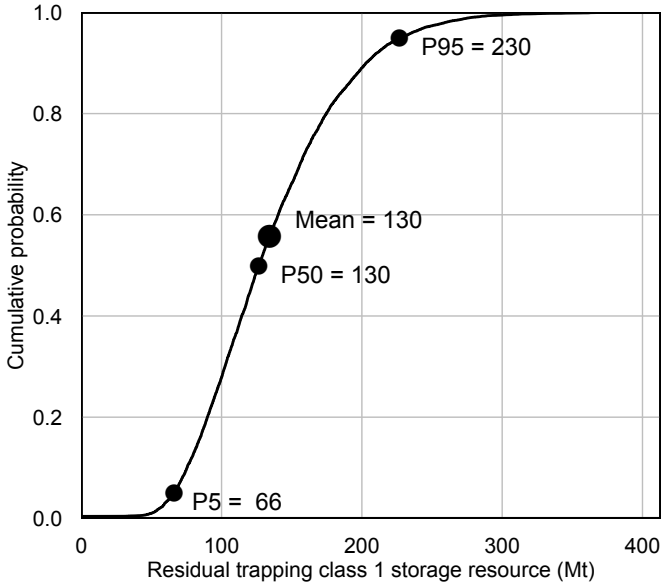


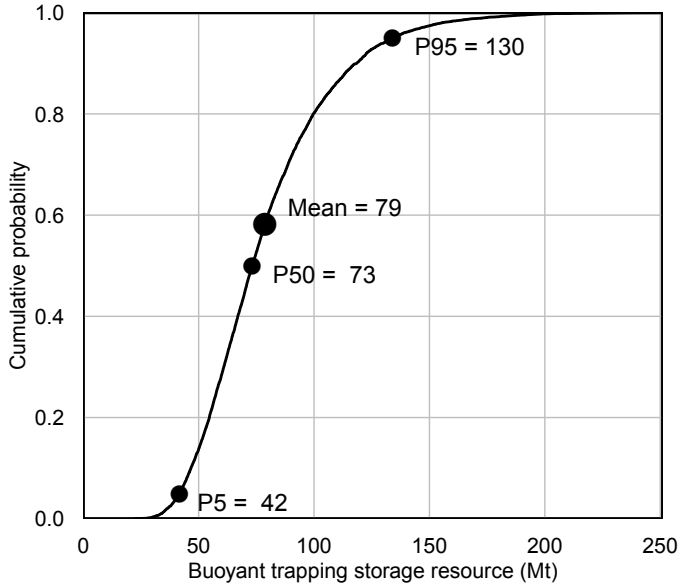


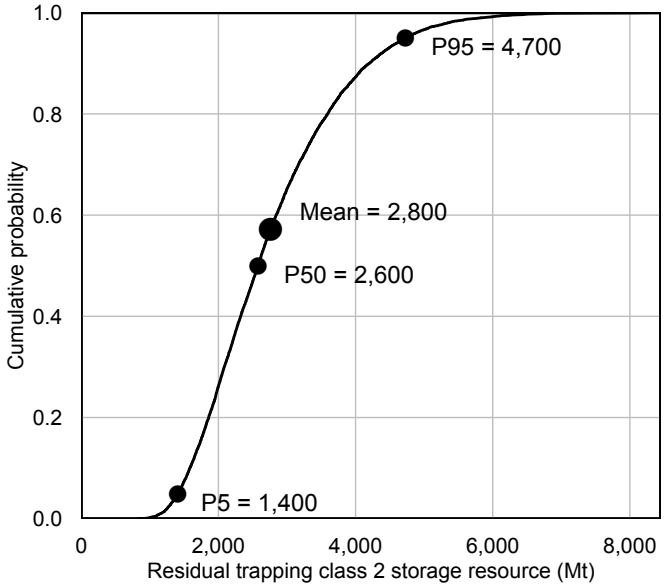


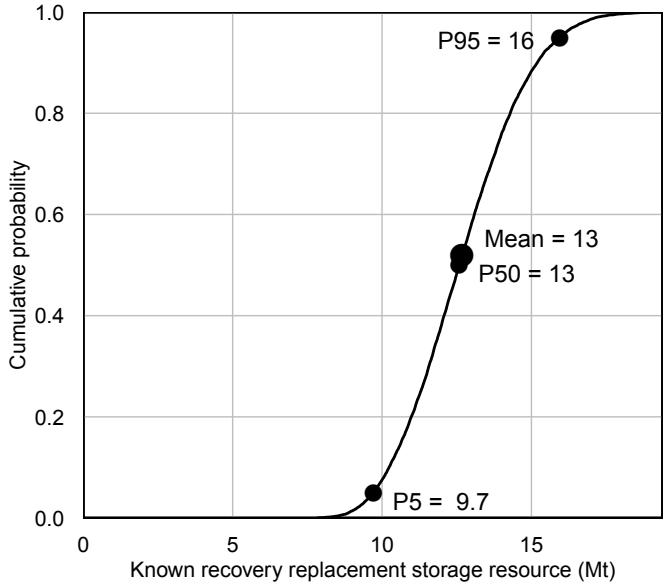
Los Angeles Basin C50140101

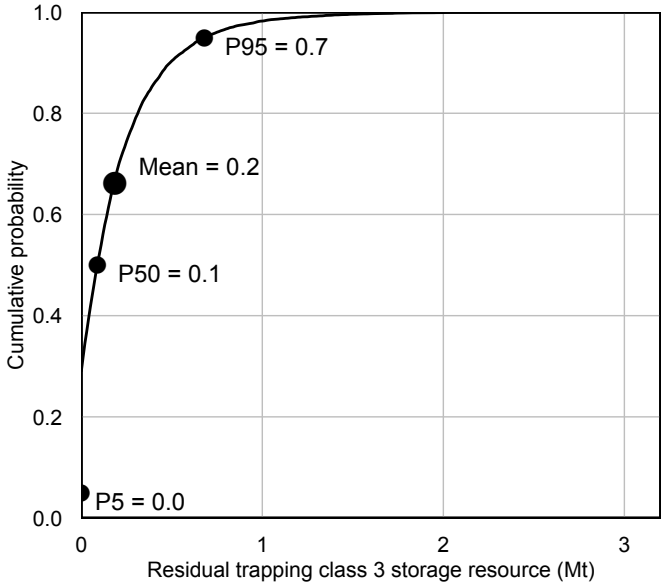




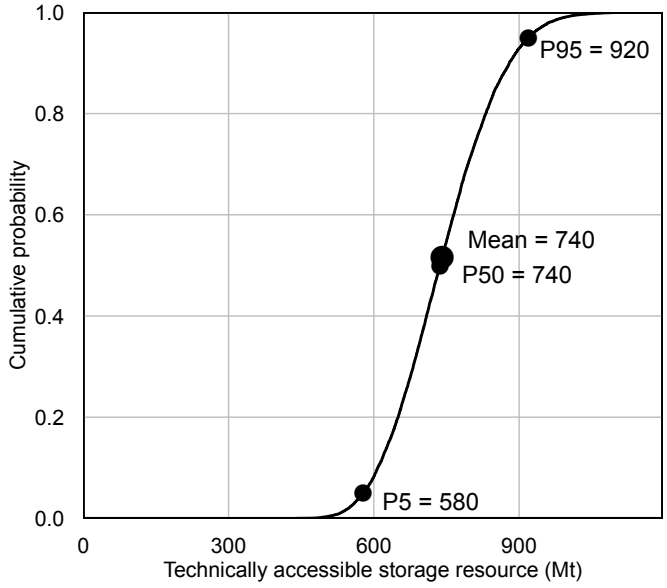


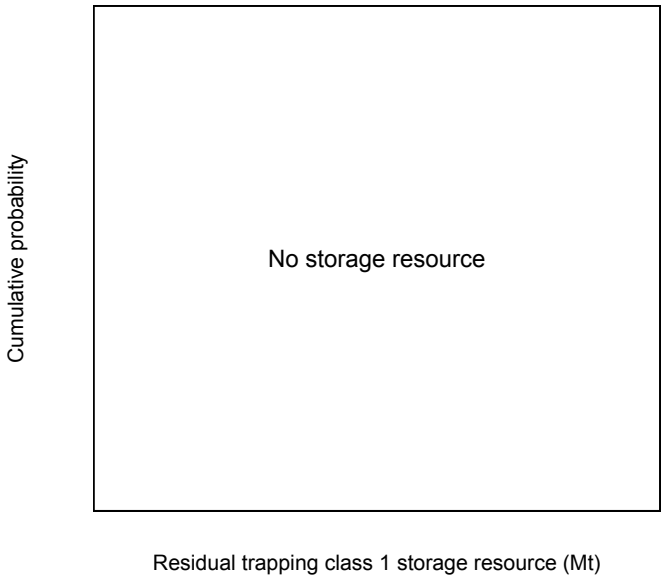


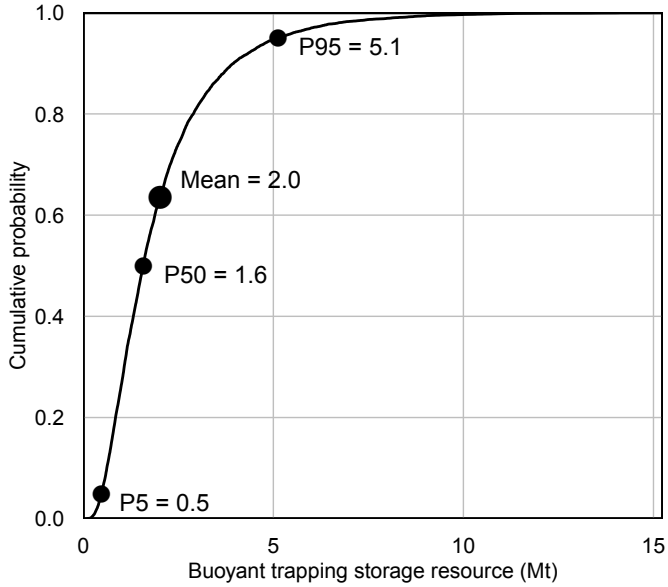


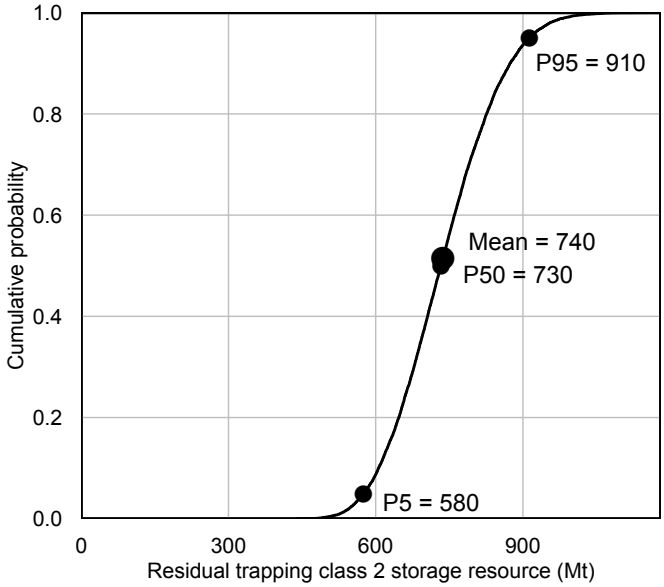


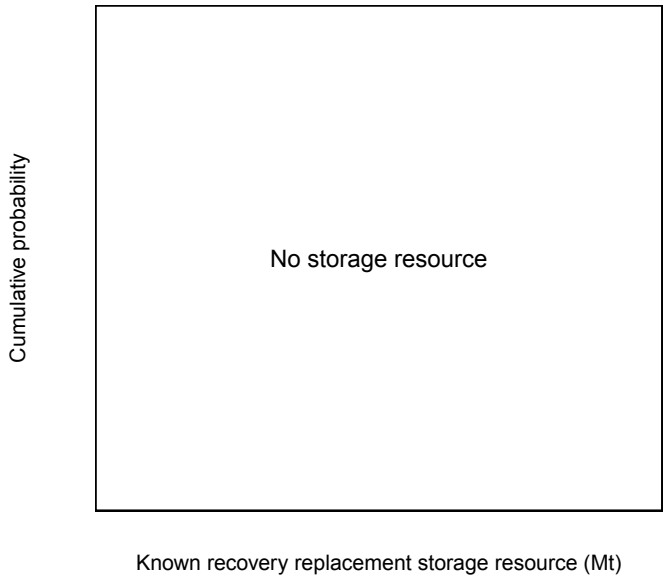
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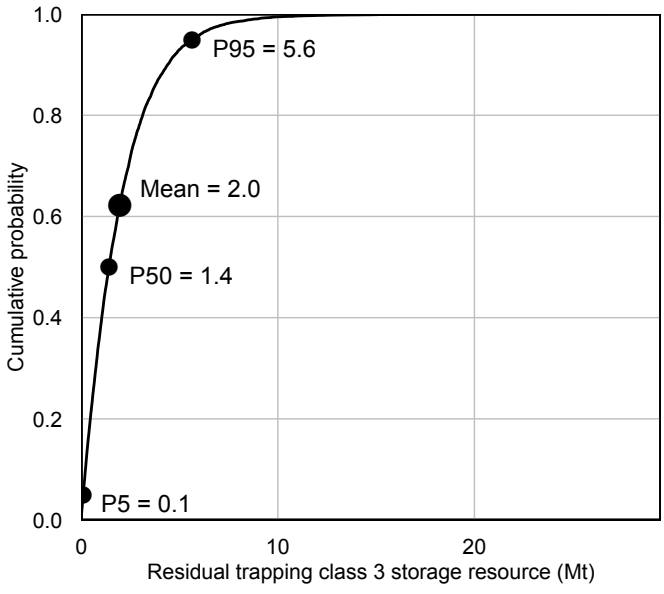




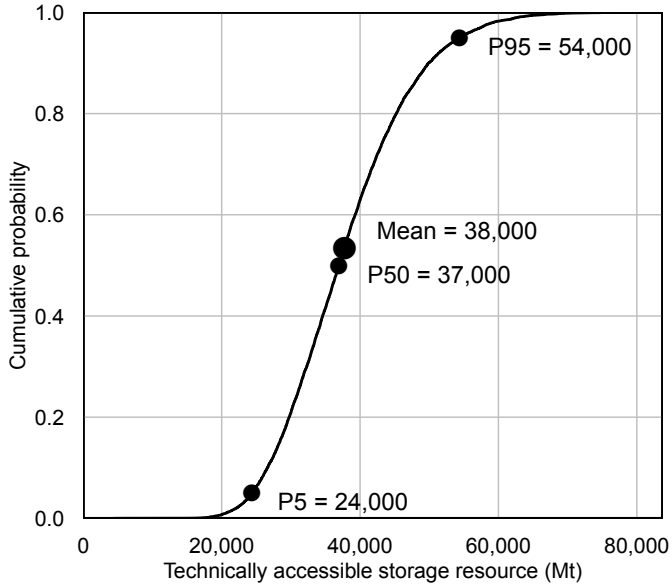


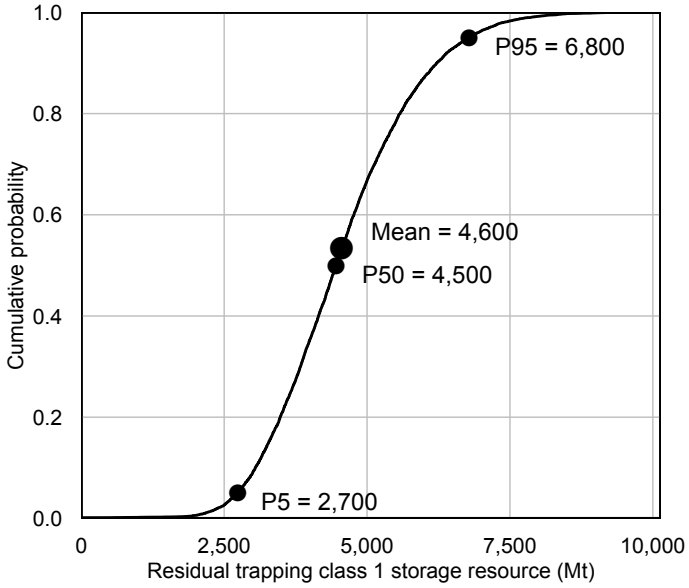


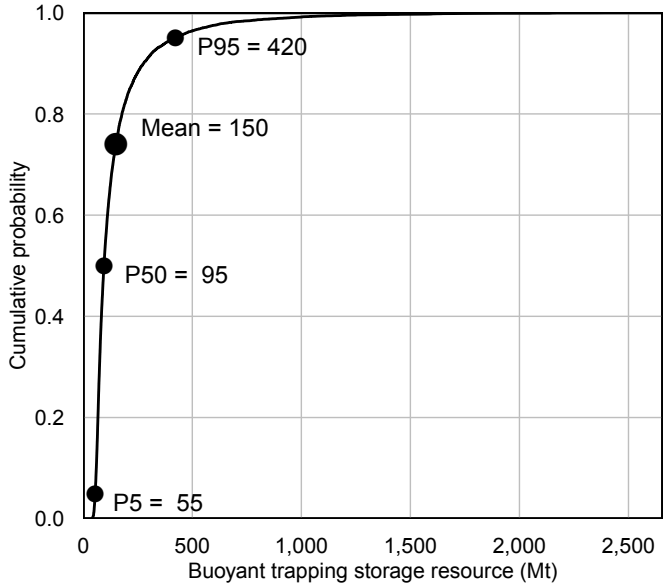


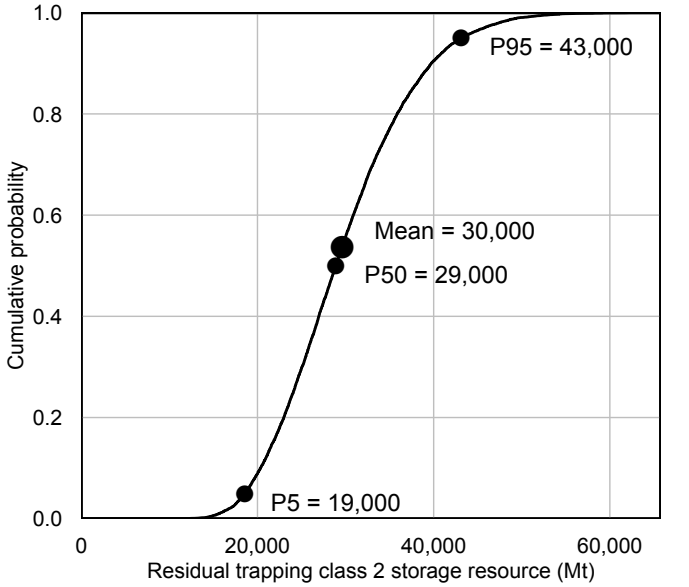


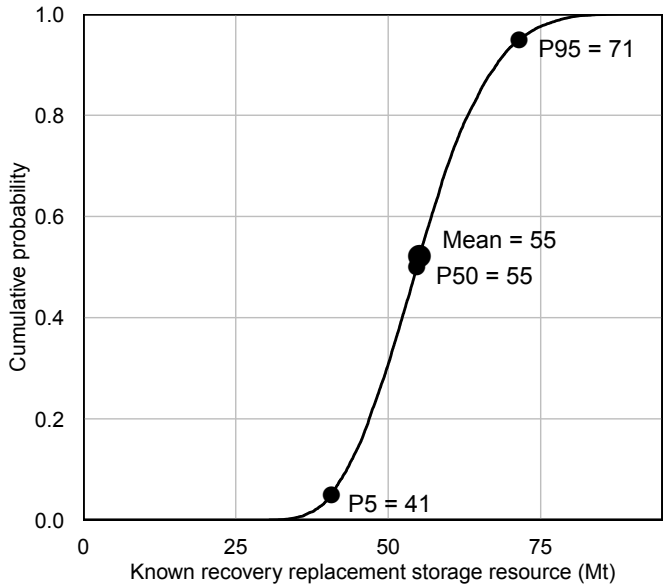
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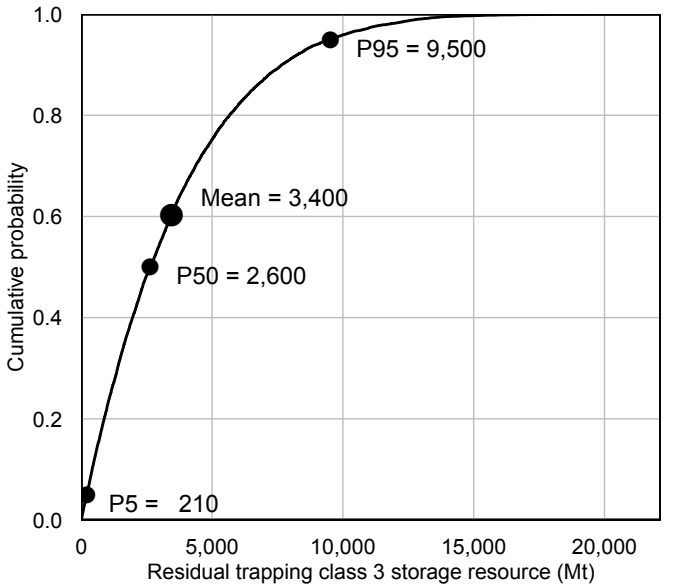




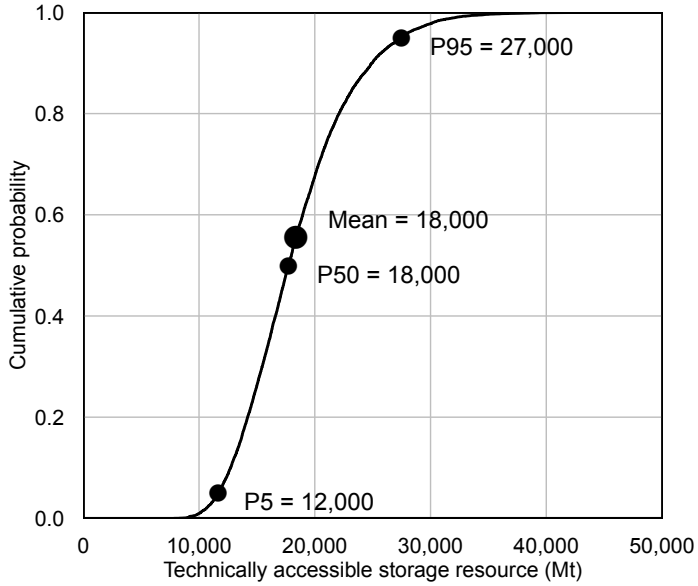


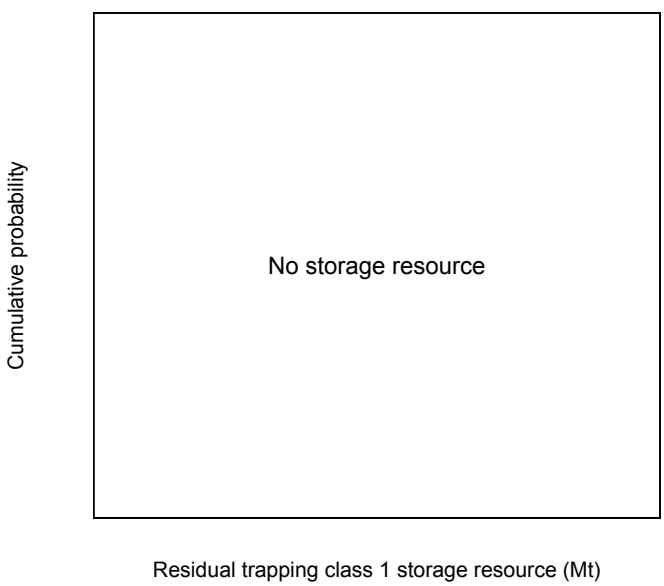


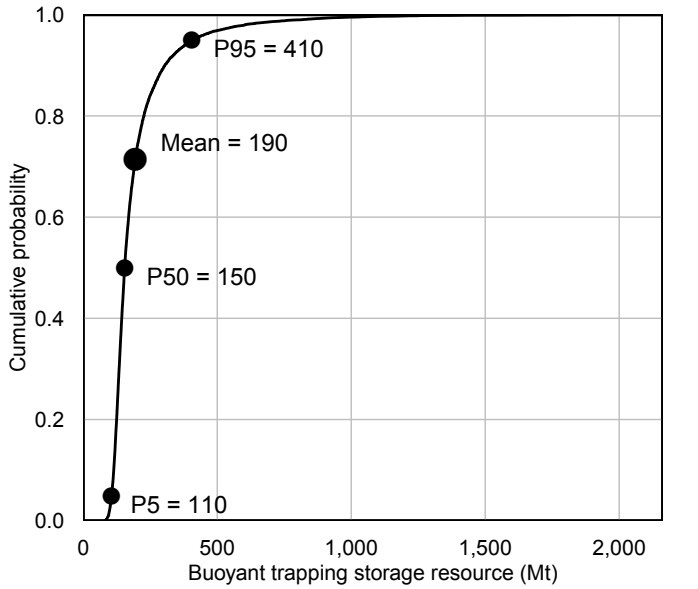


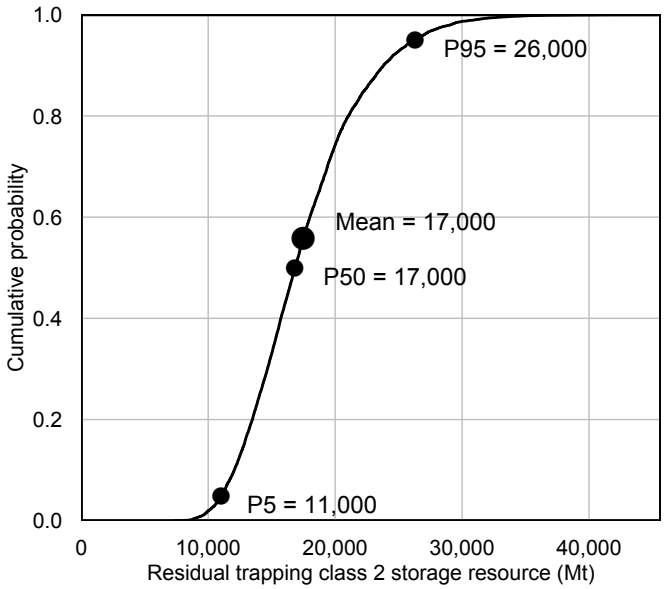


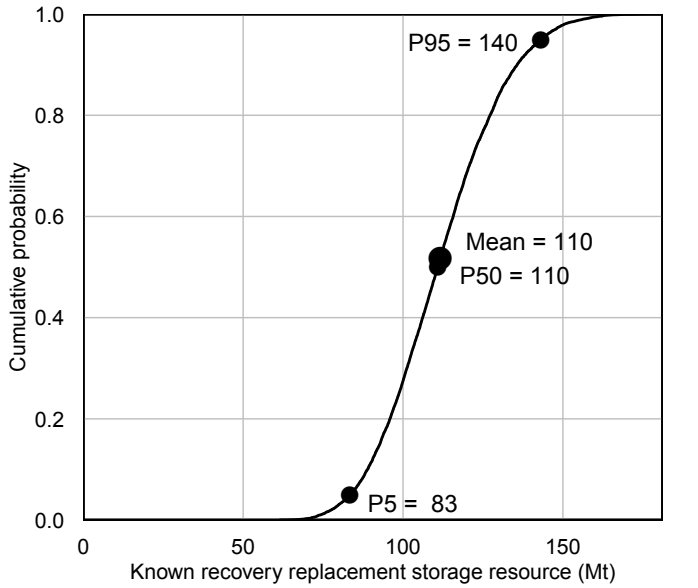
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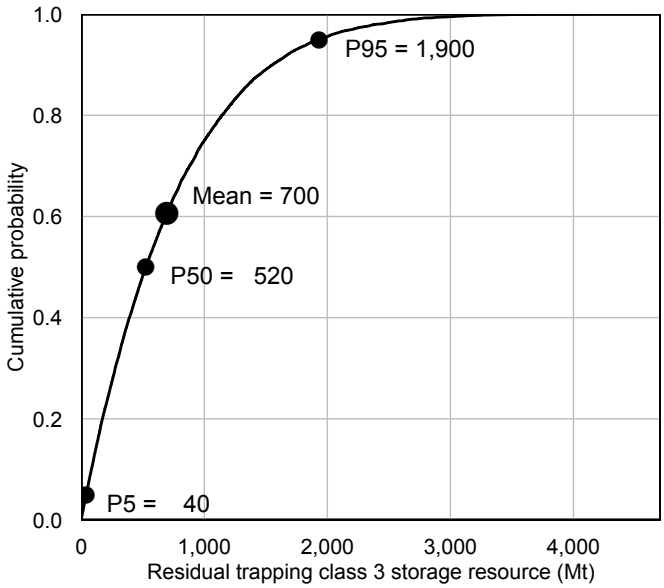




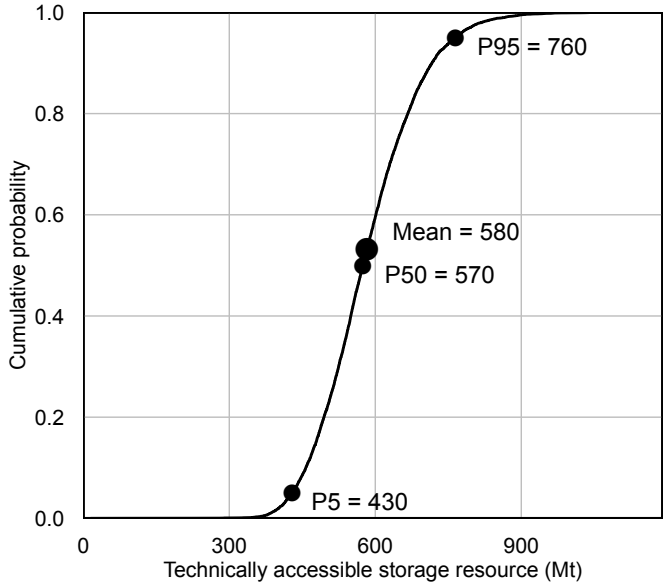


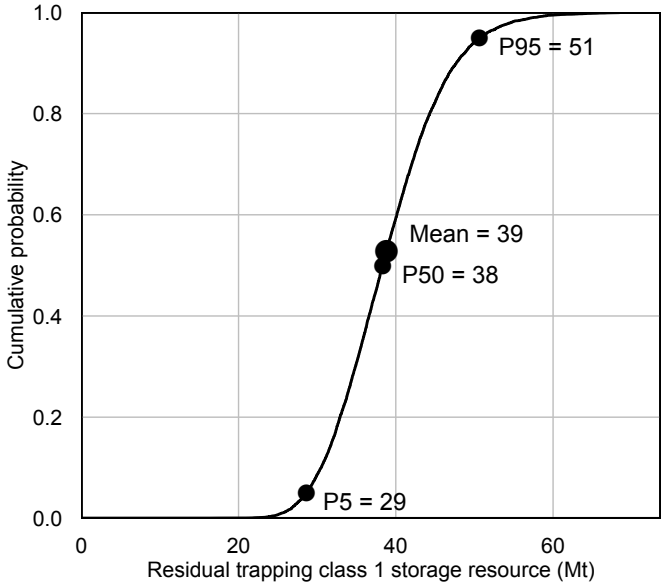


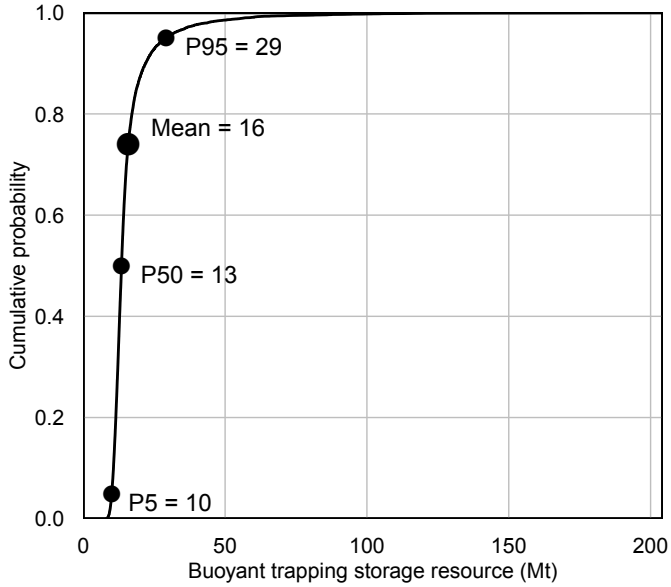


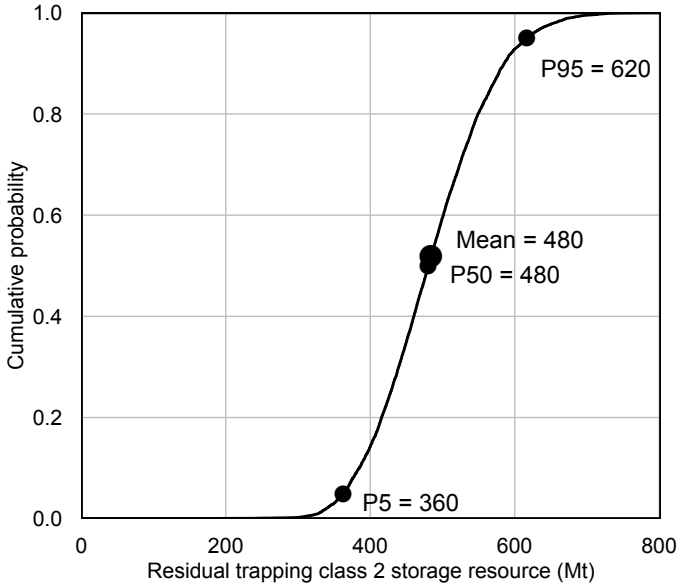


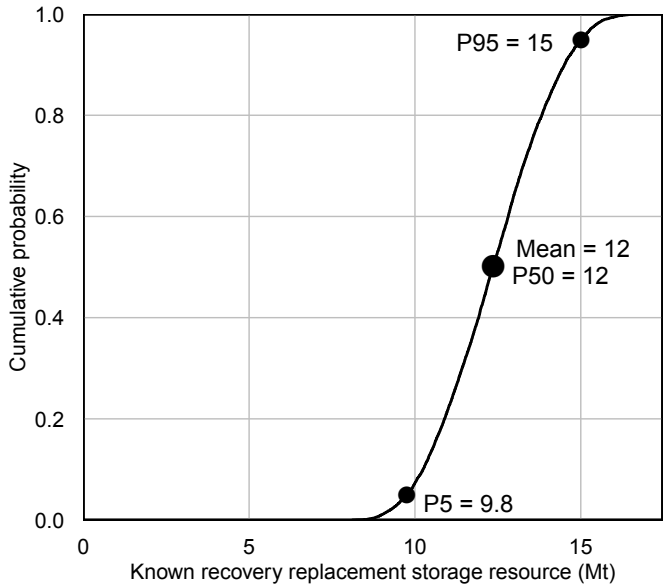
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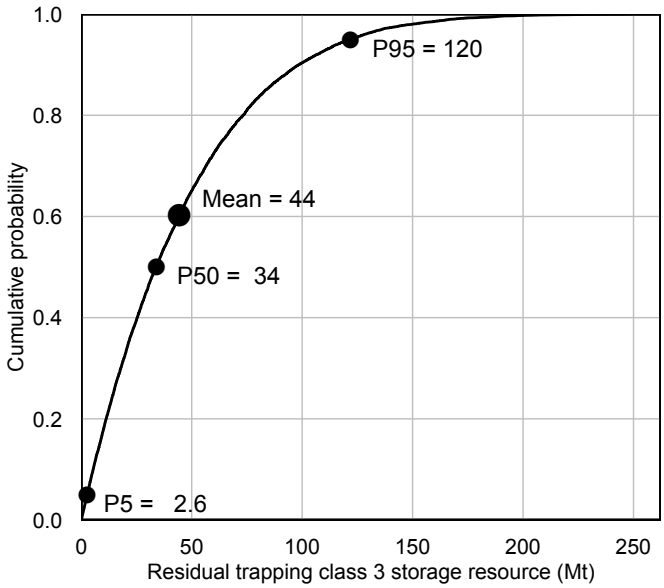




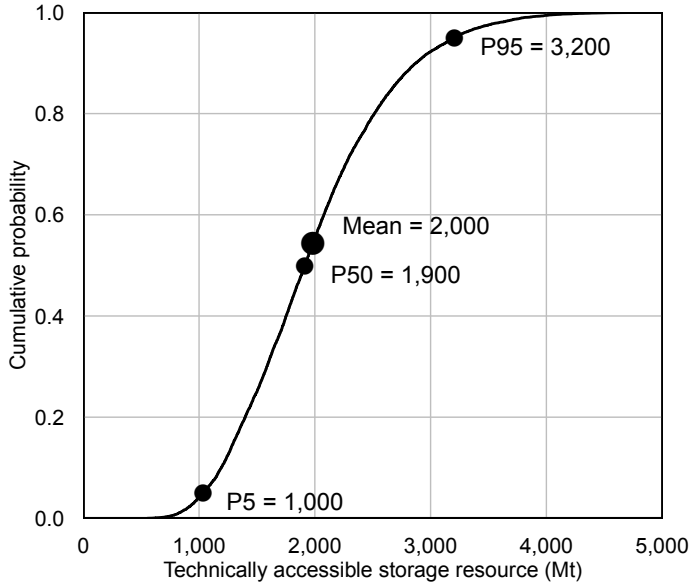


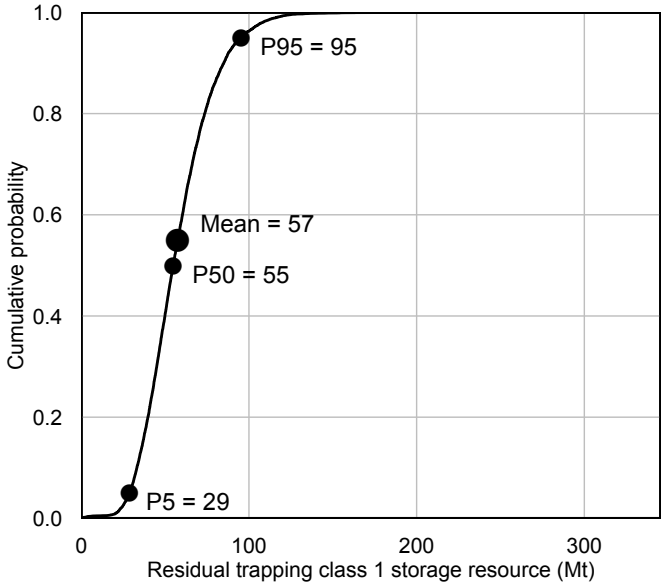


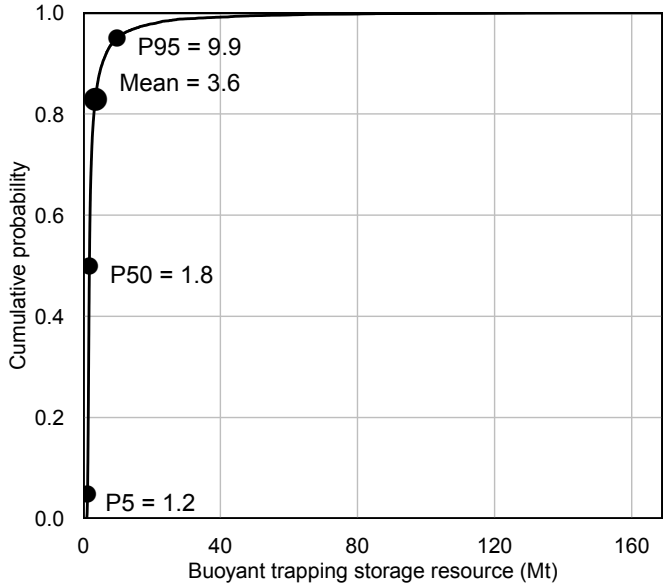


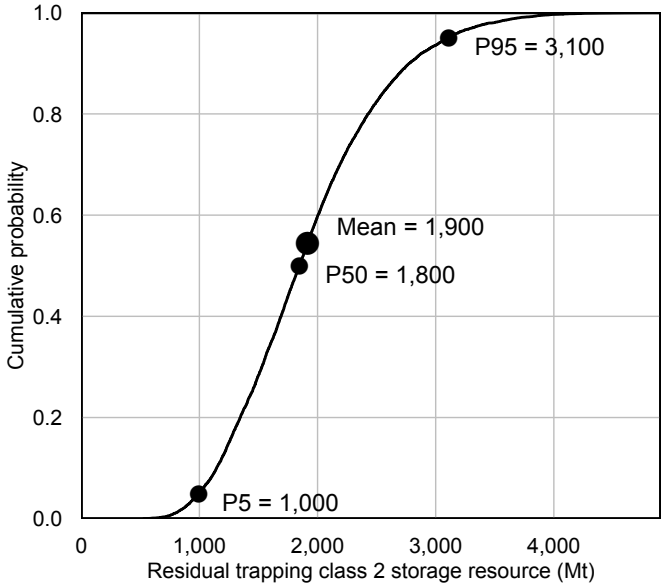


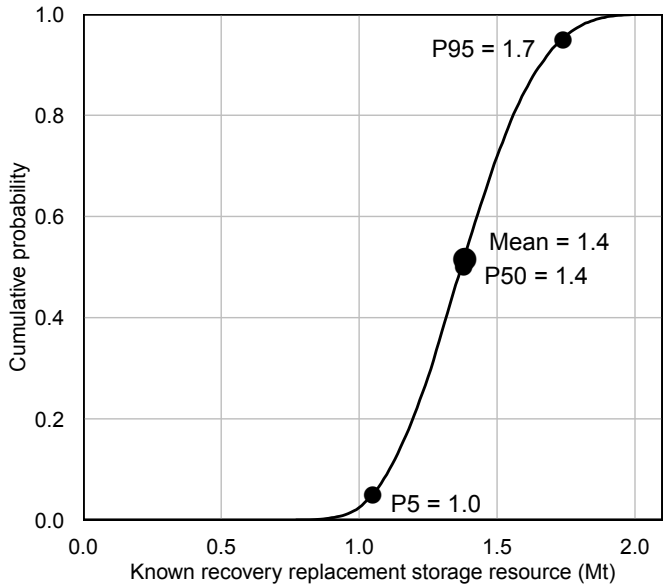
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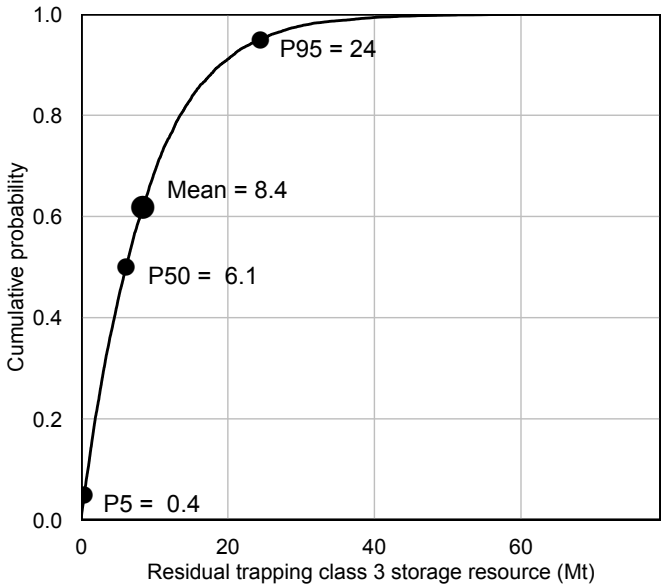




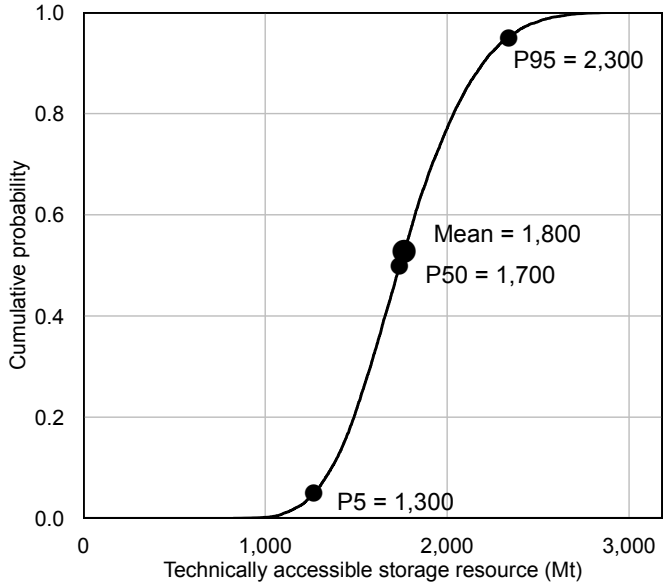


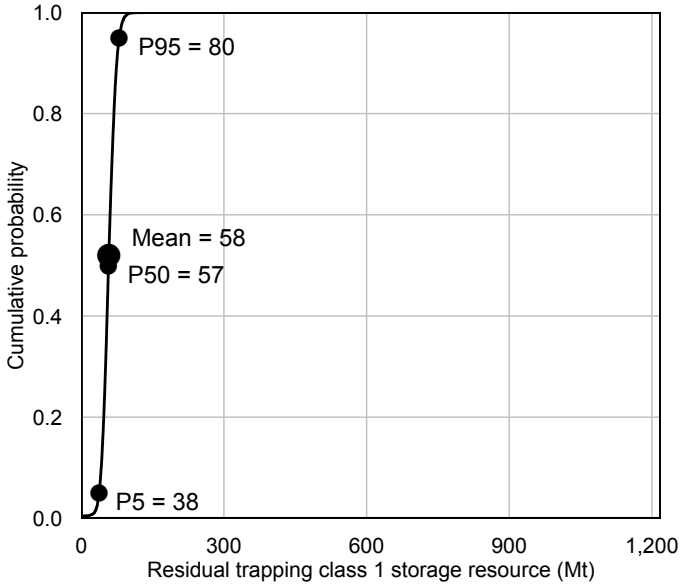


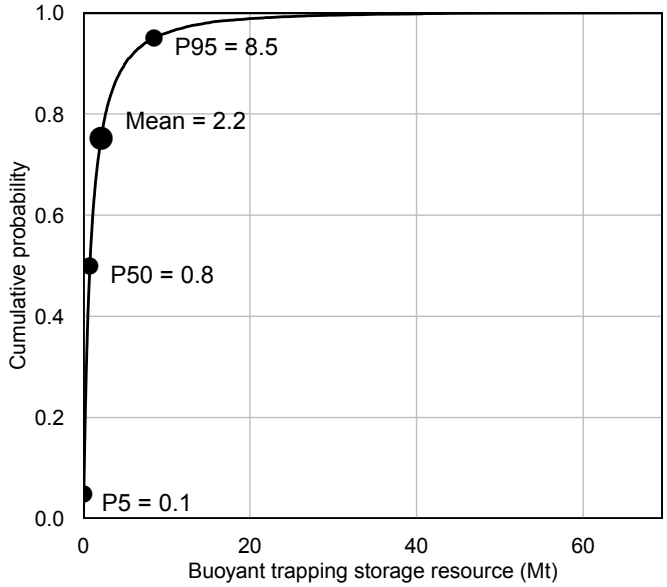


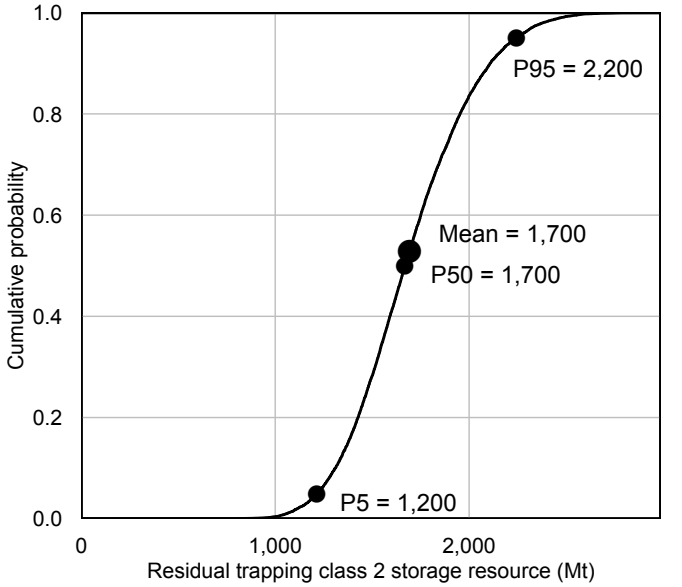


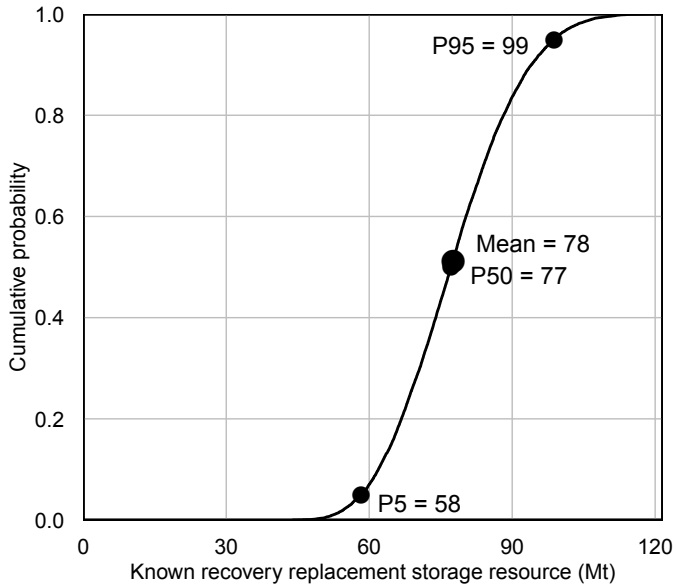
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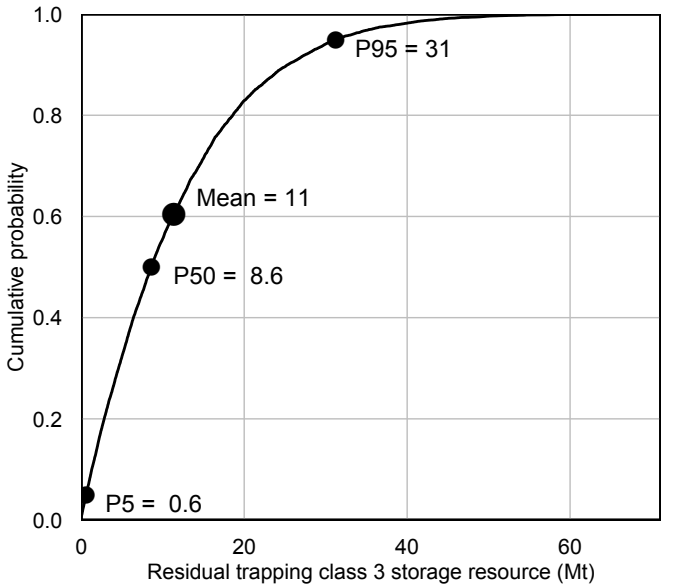




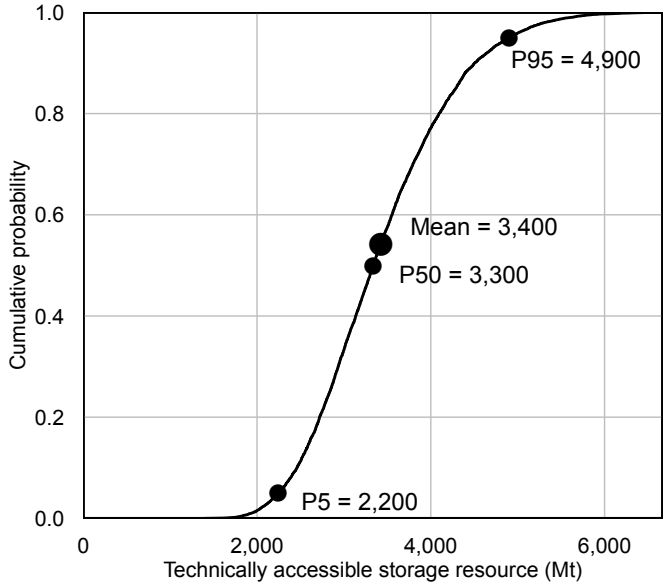


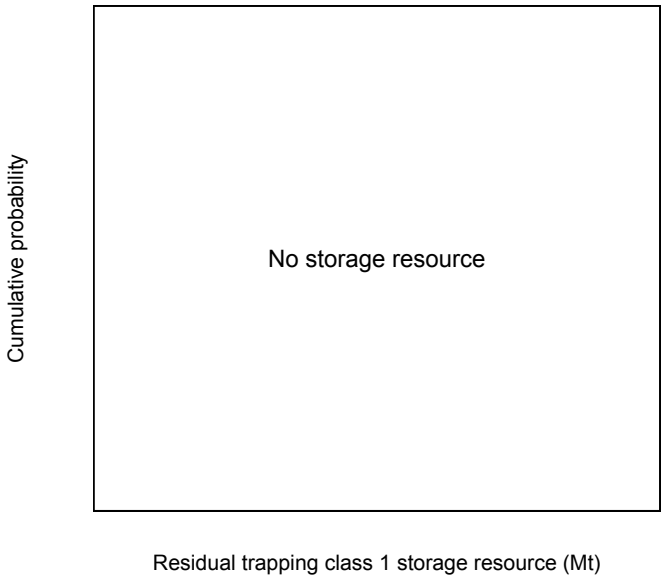


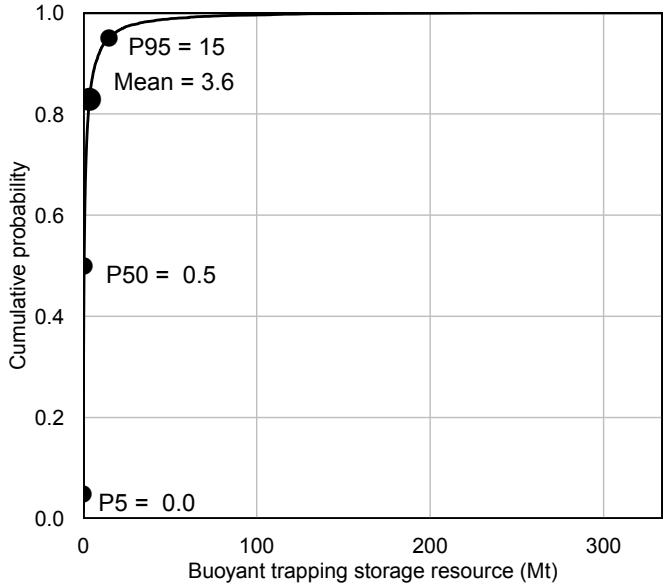


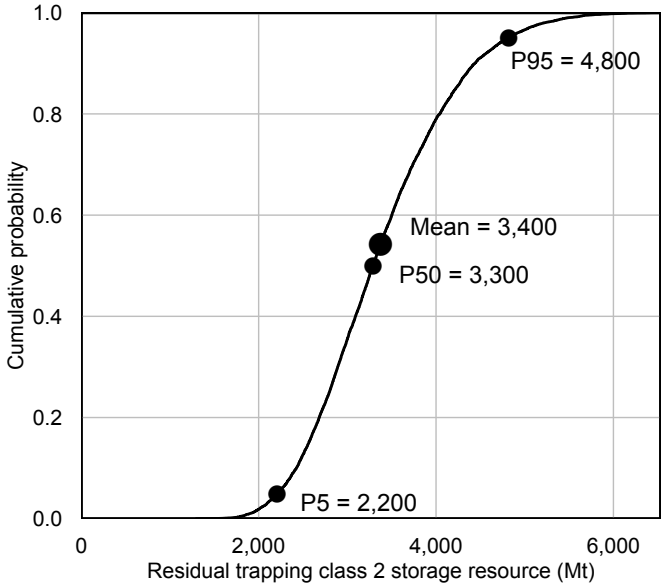


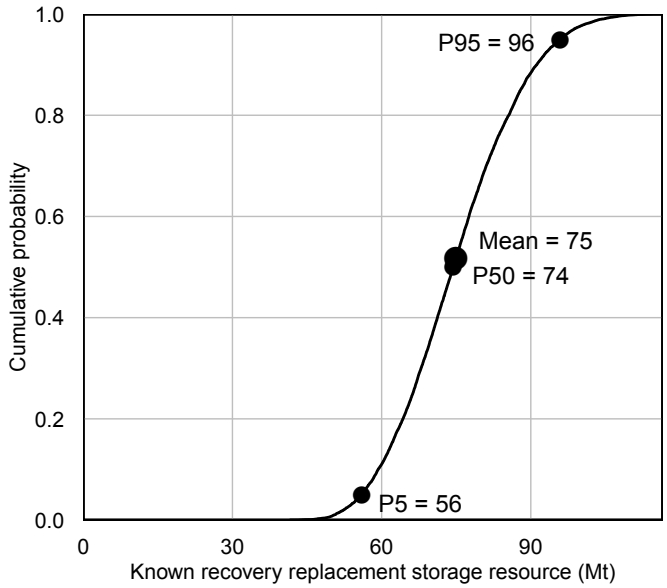
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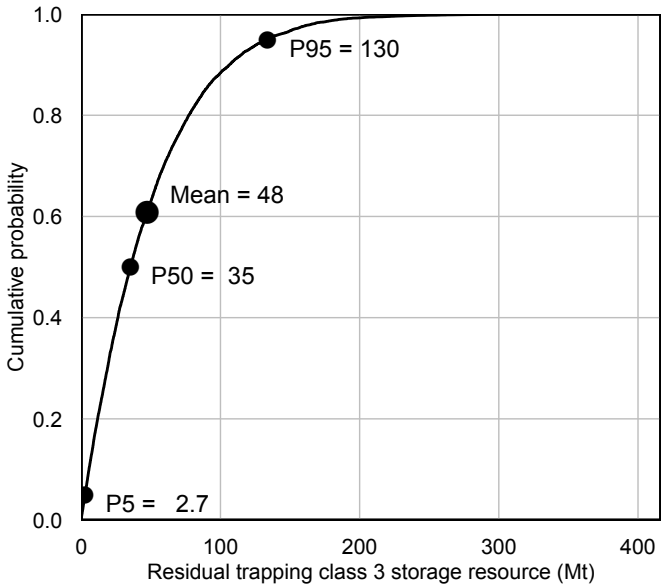




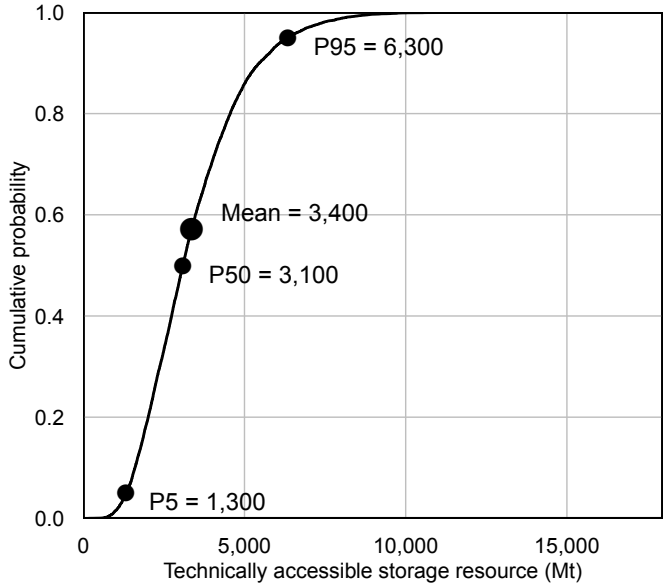


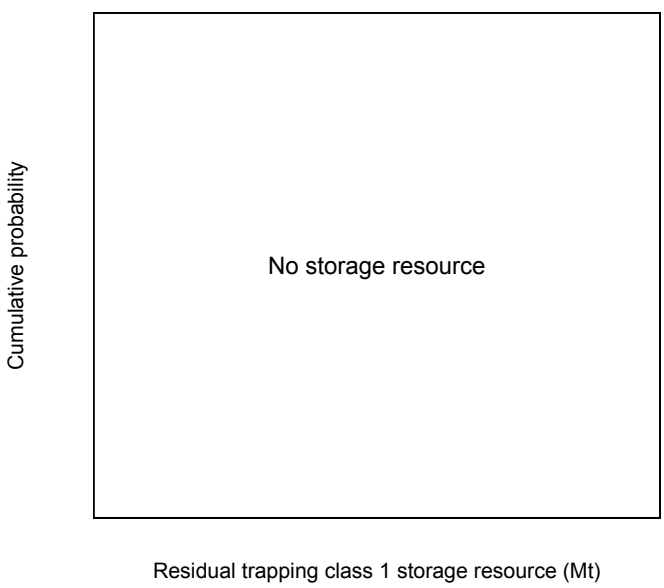


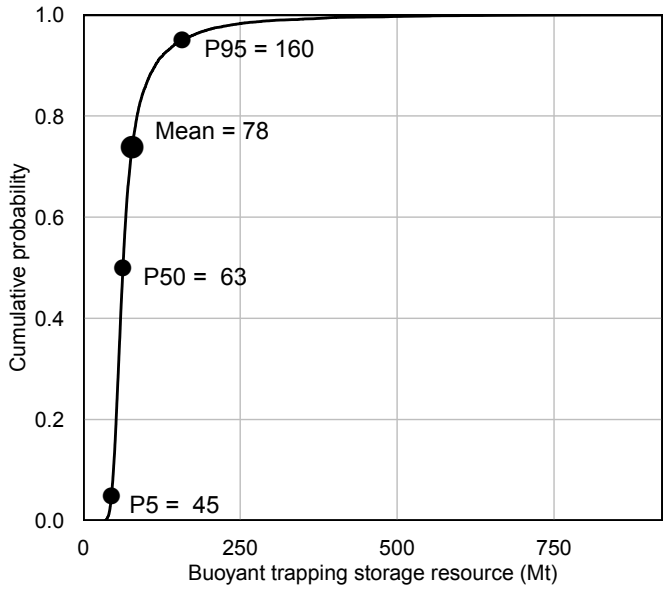


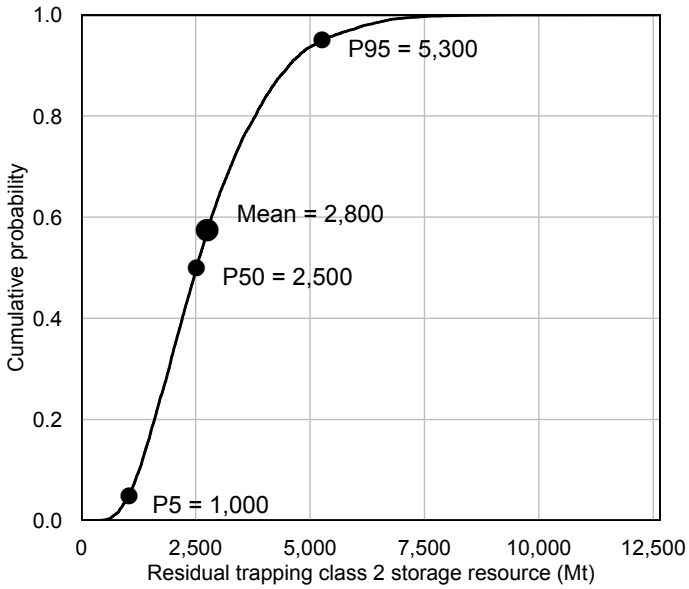


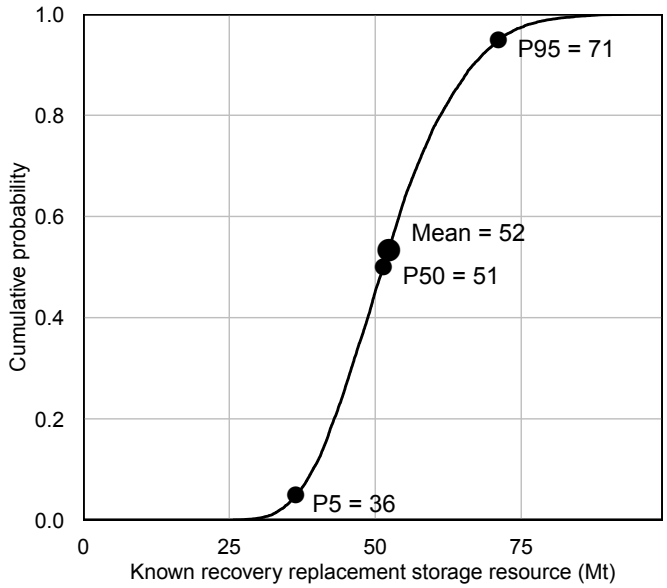
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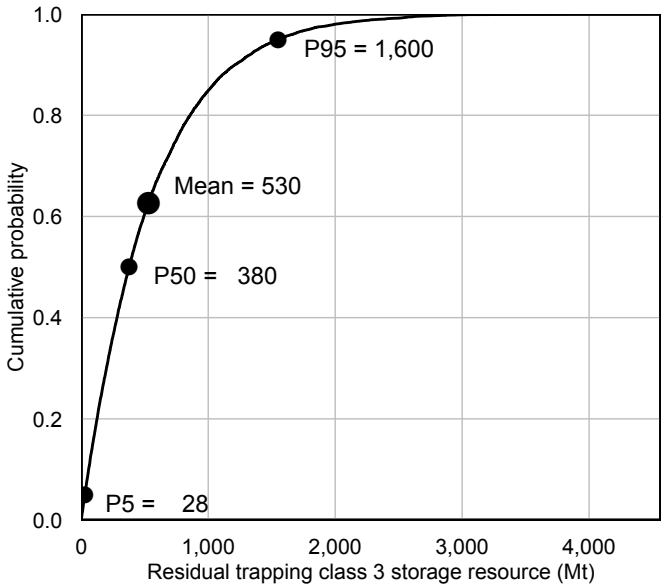




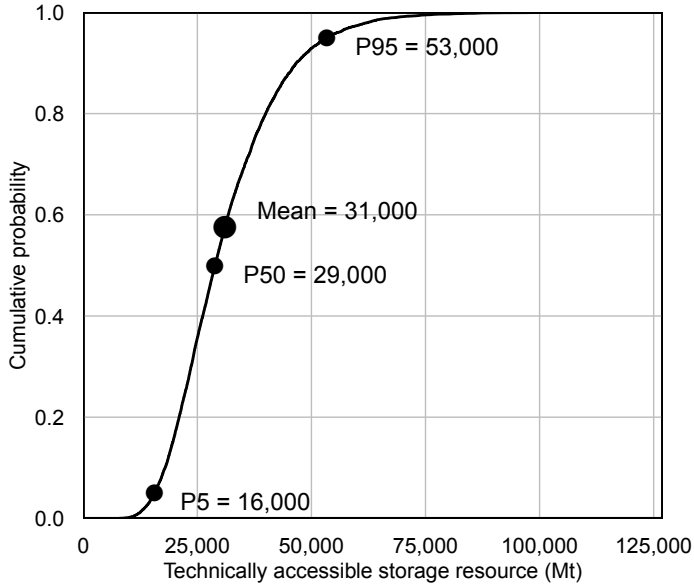


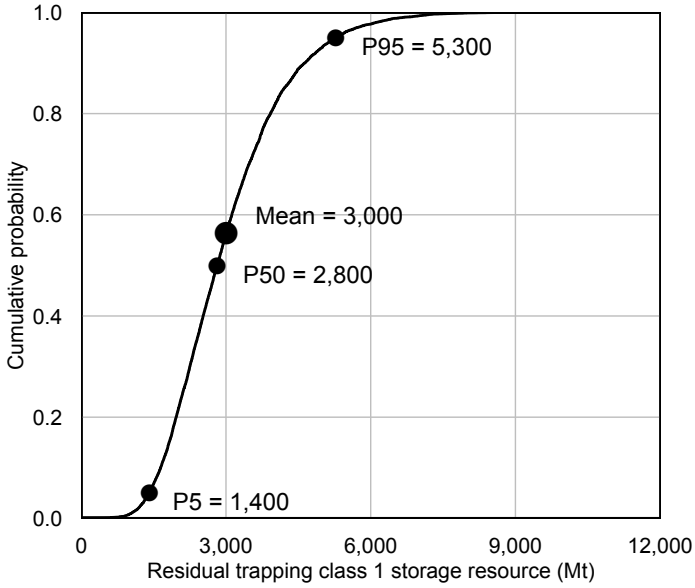


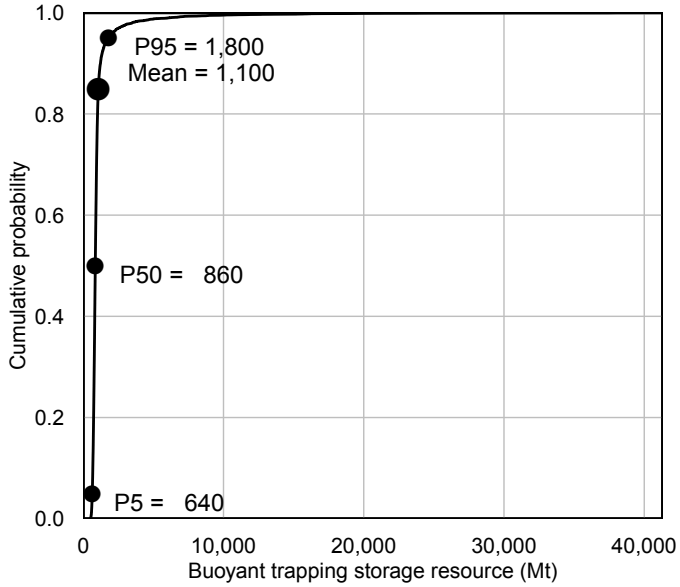


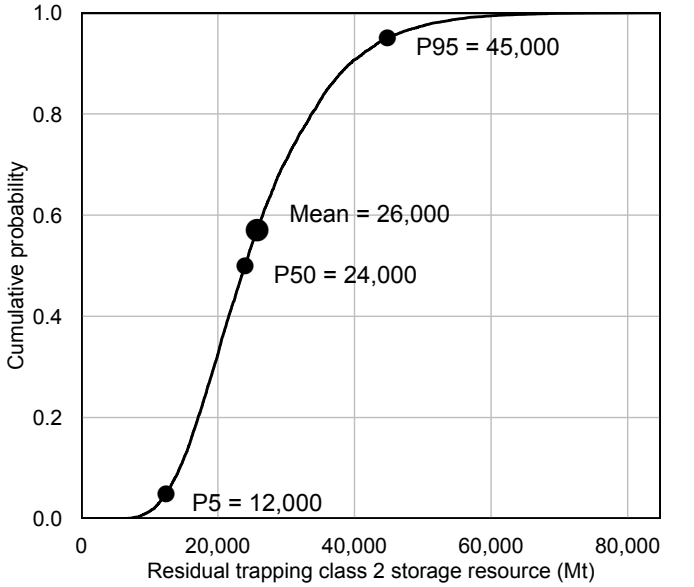


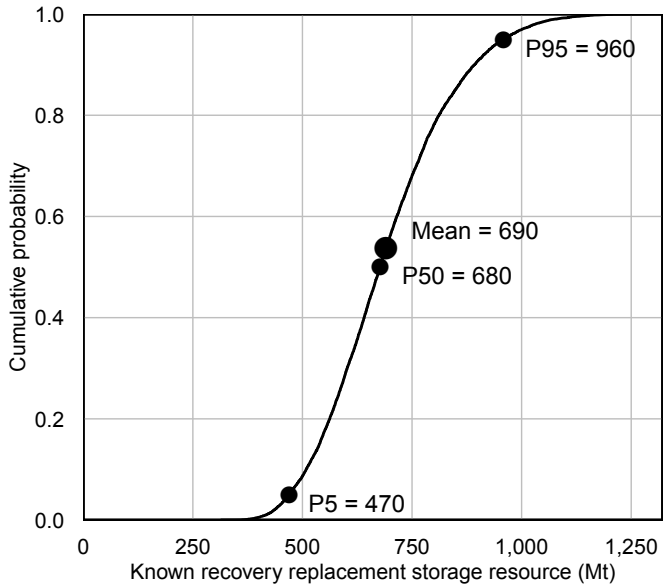
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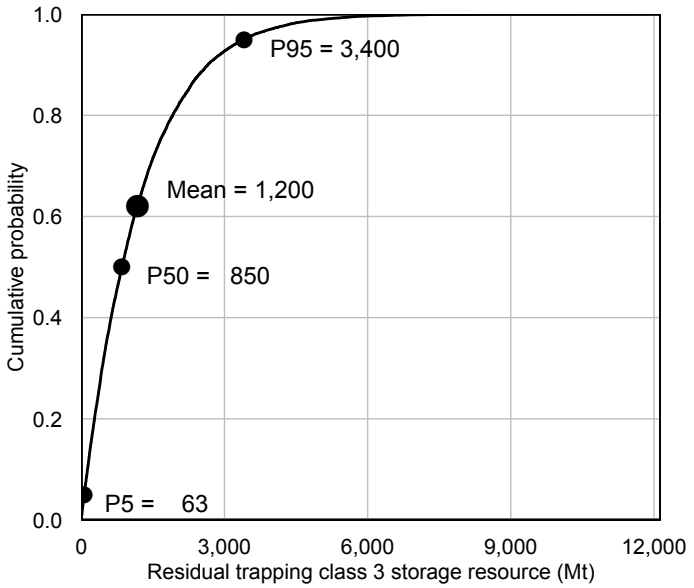




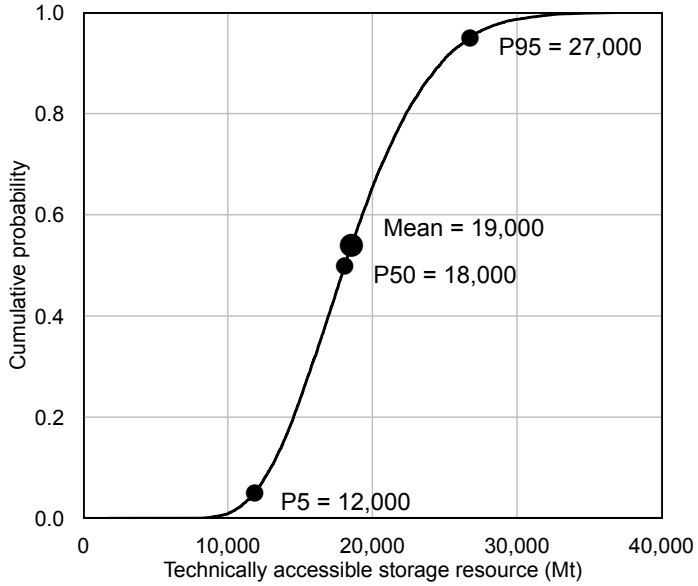


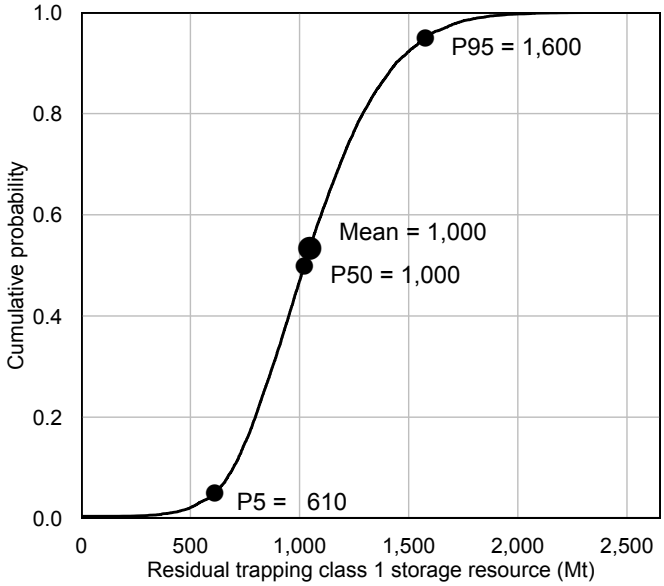


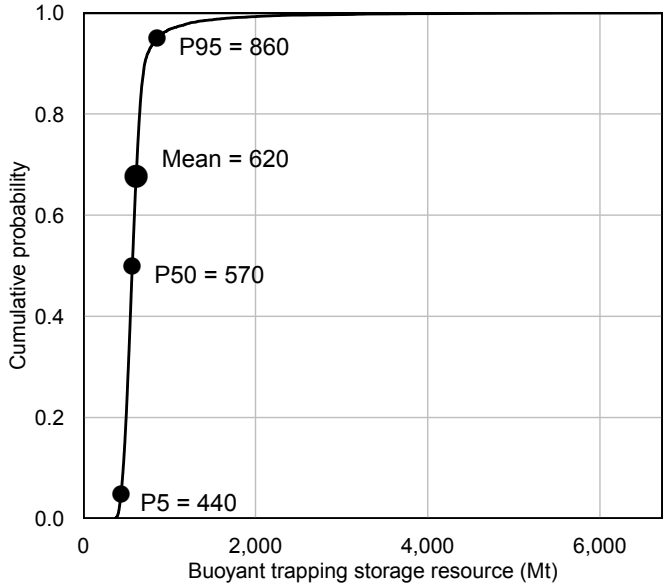


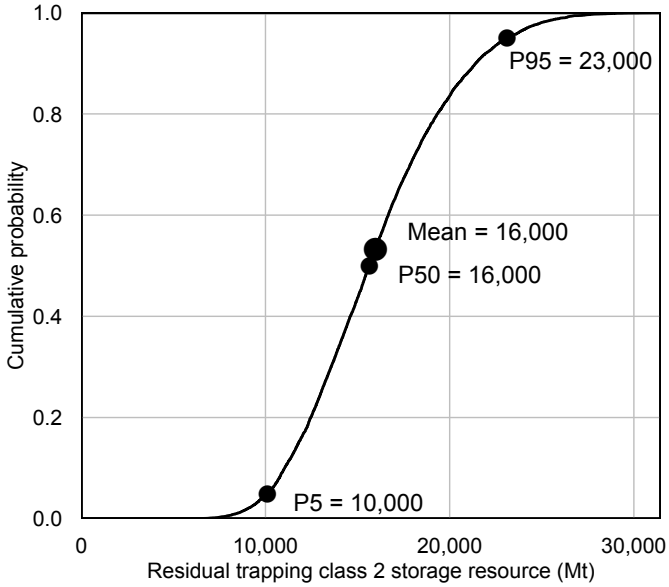


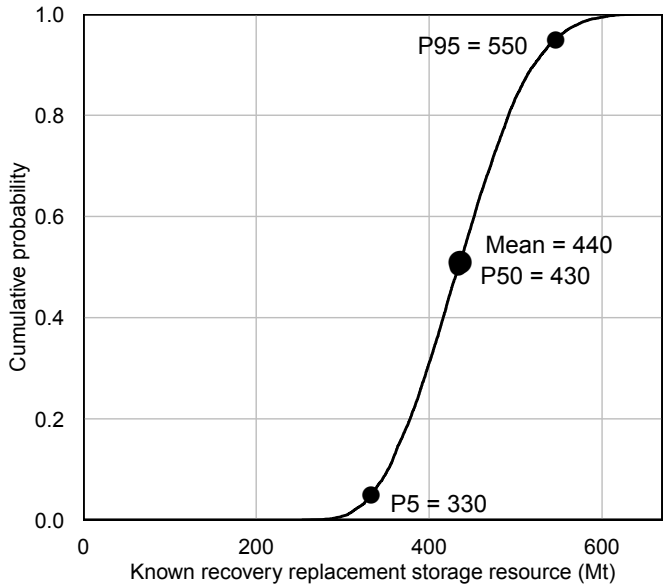
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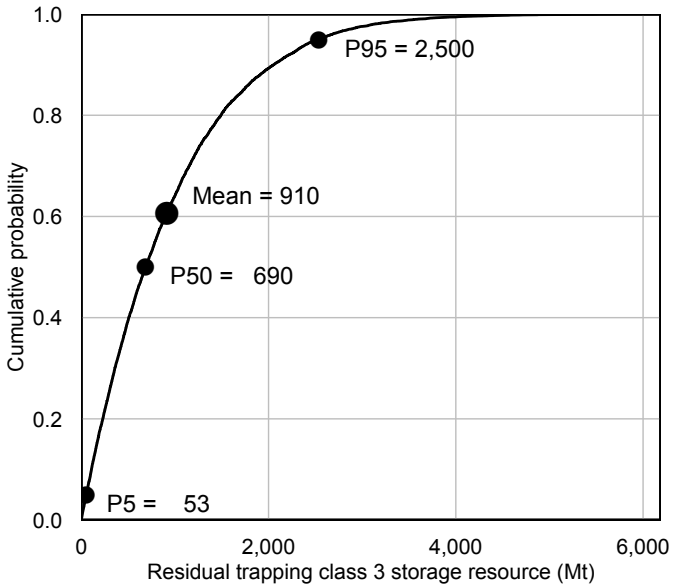




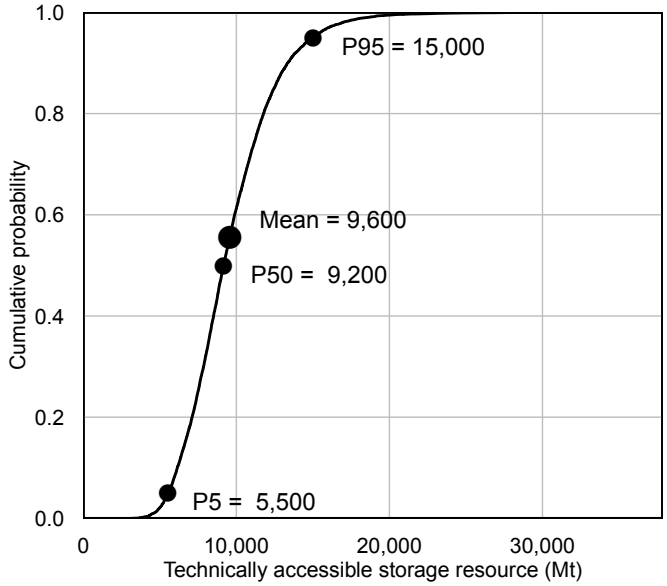


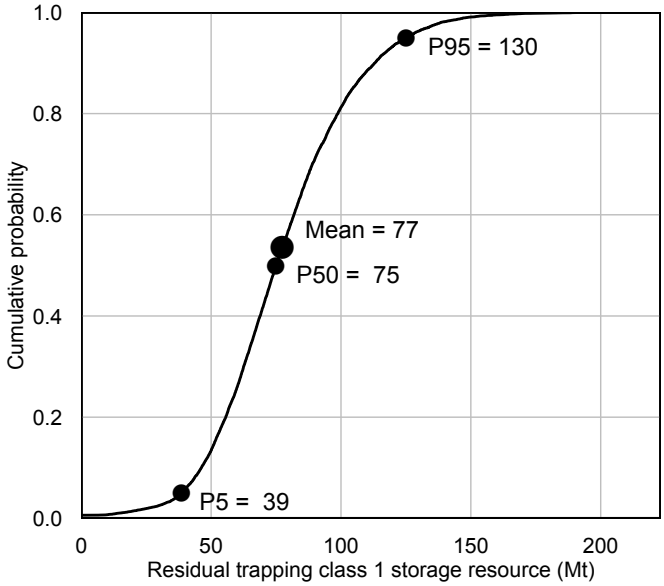


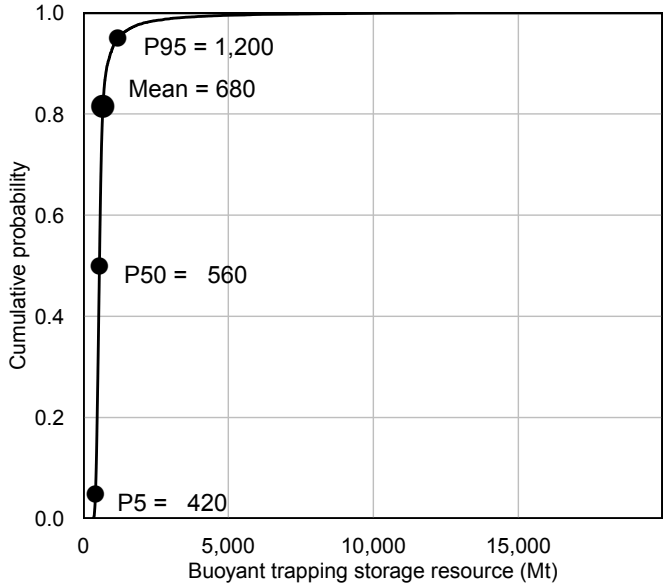


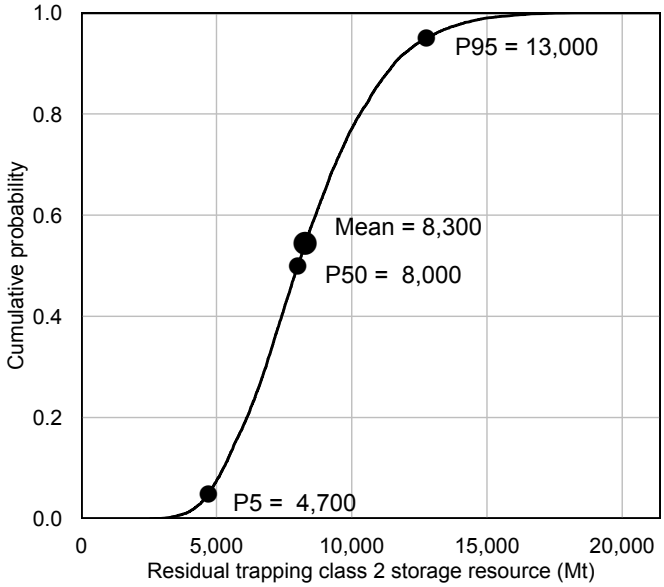


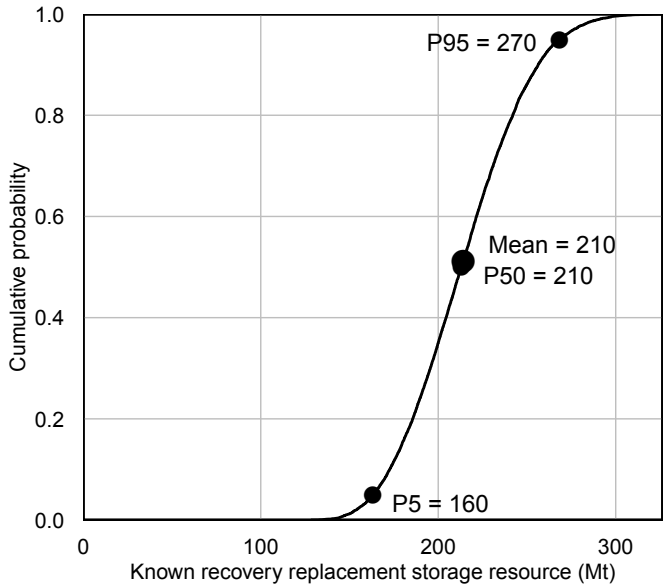
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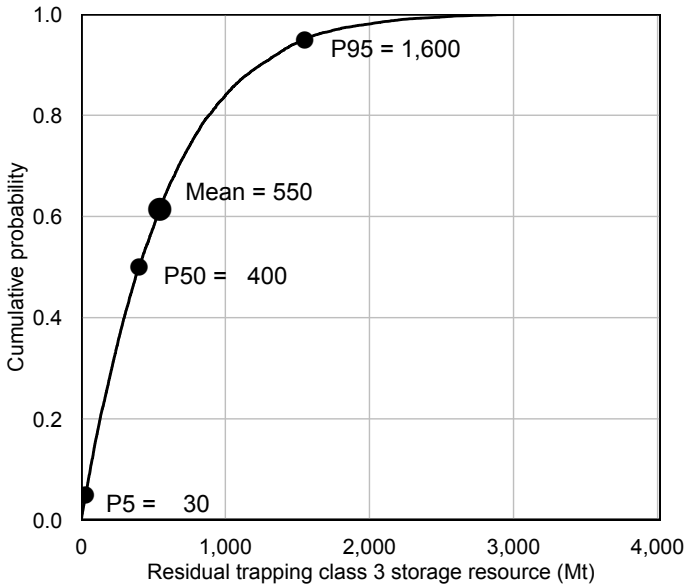




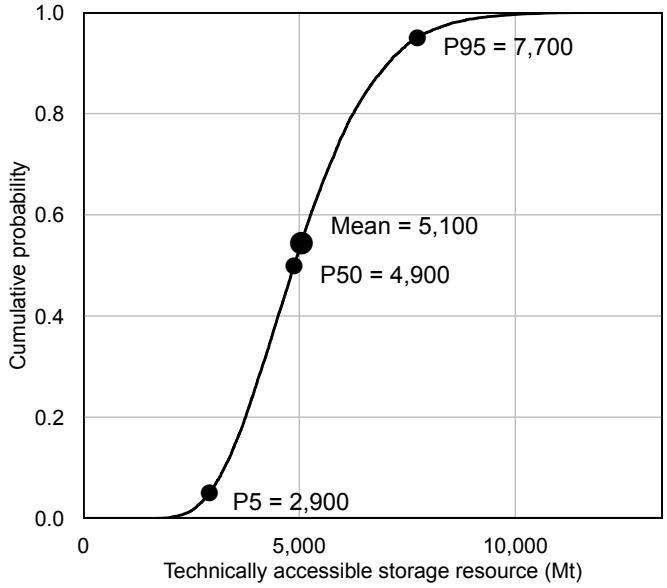


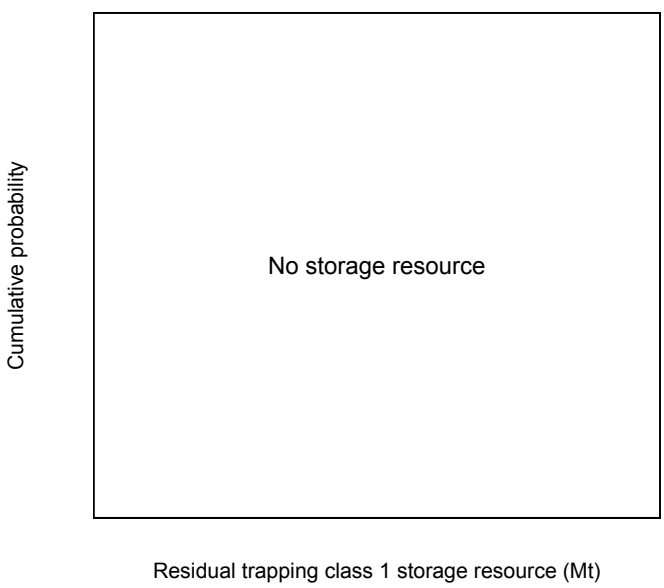


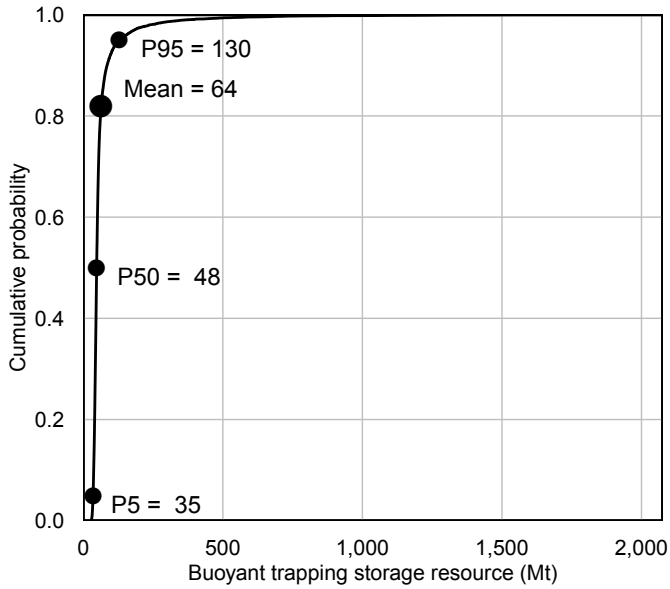


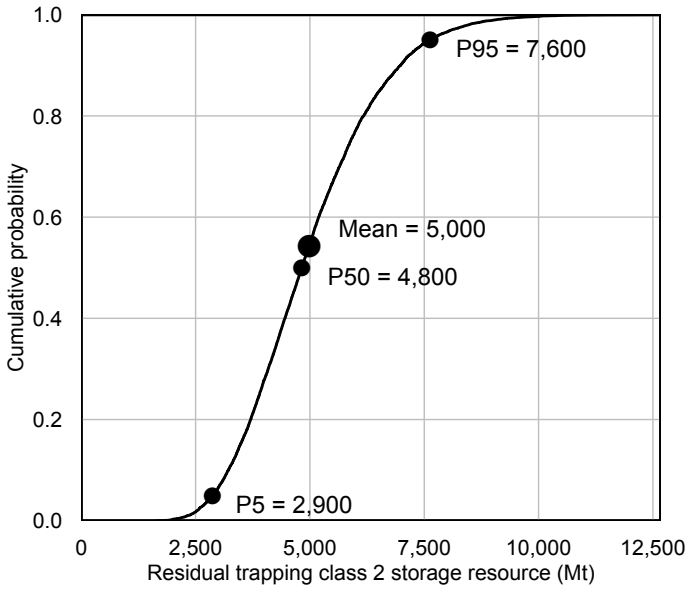


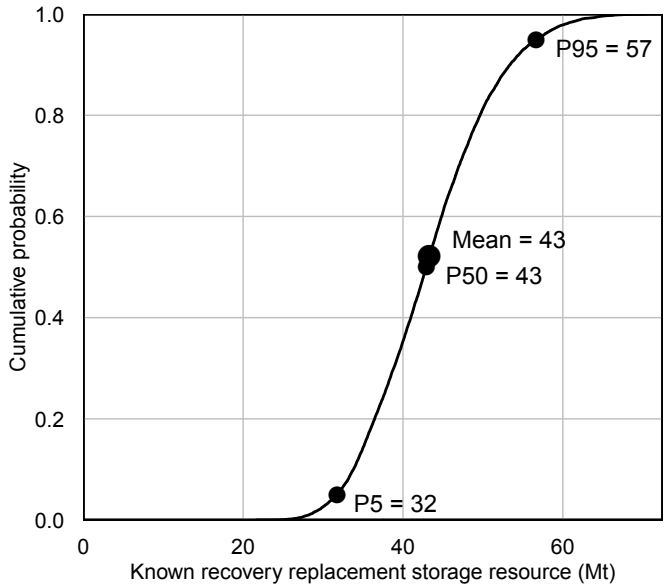
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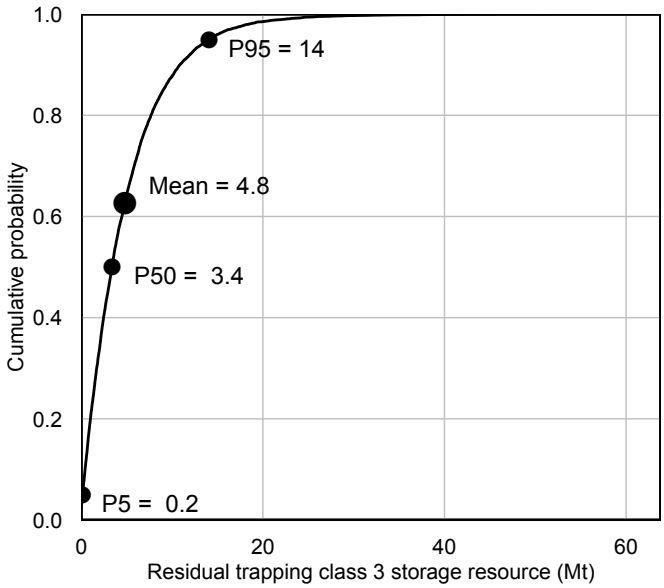




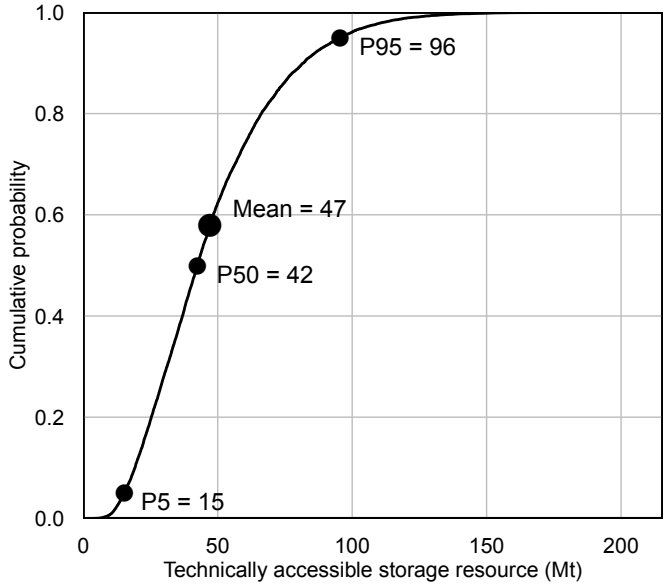


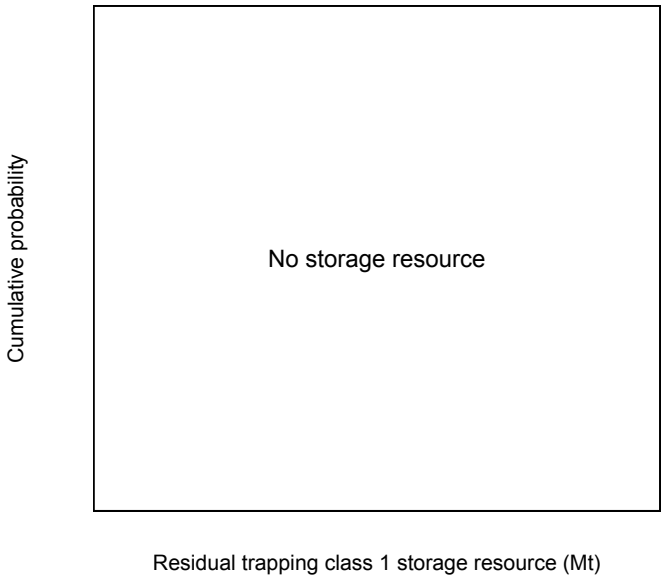


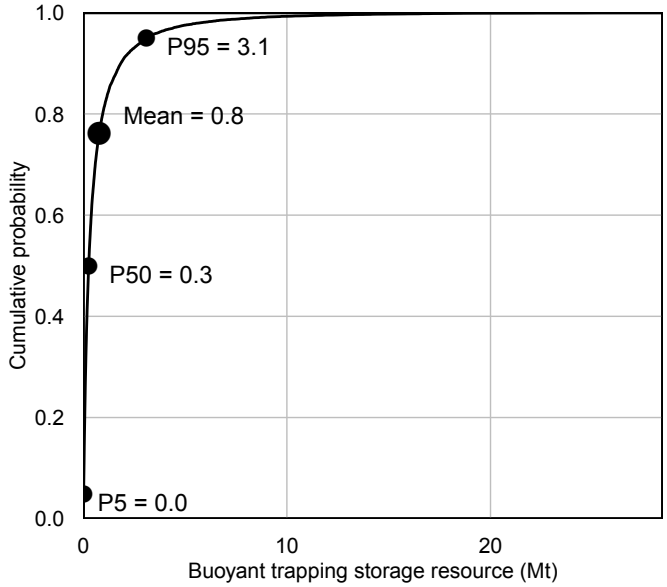


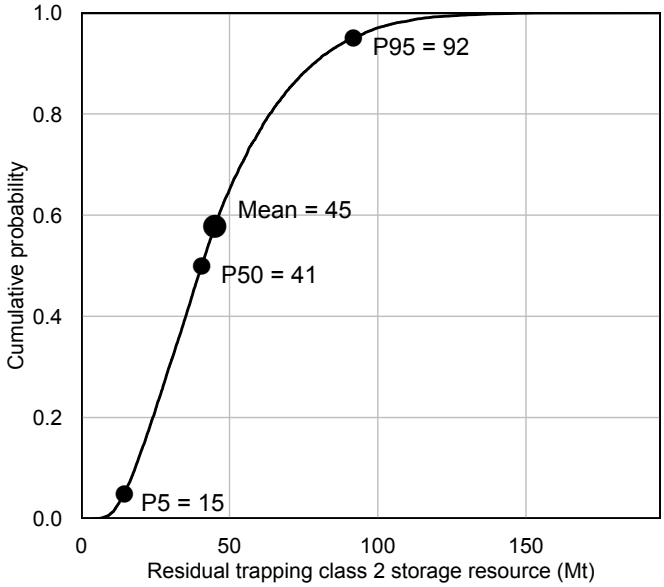


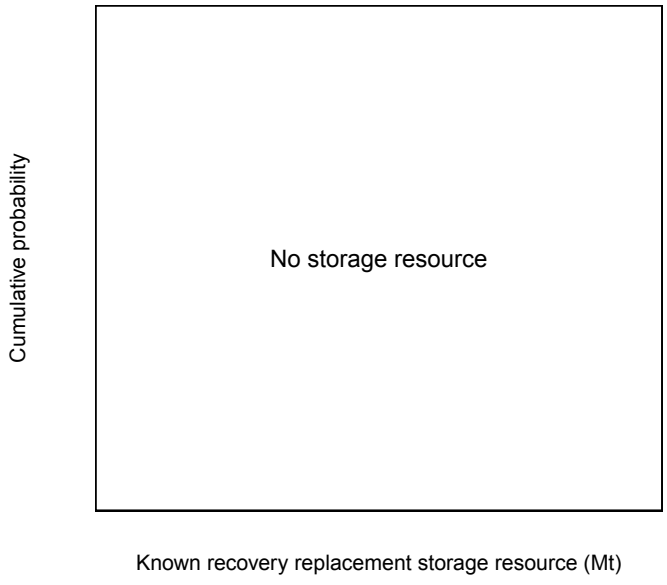
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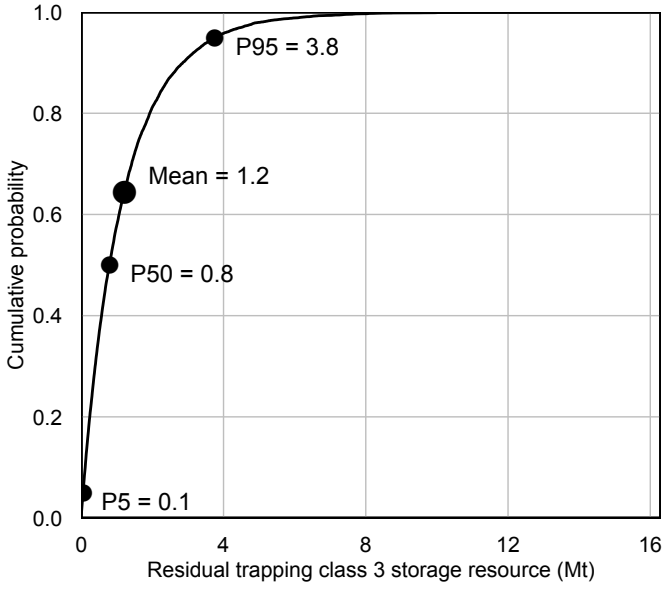




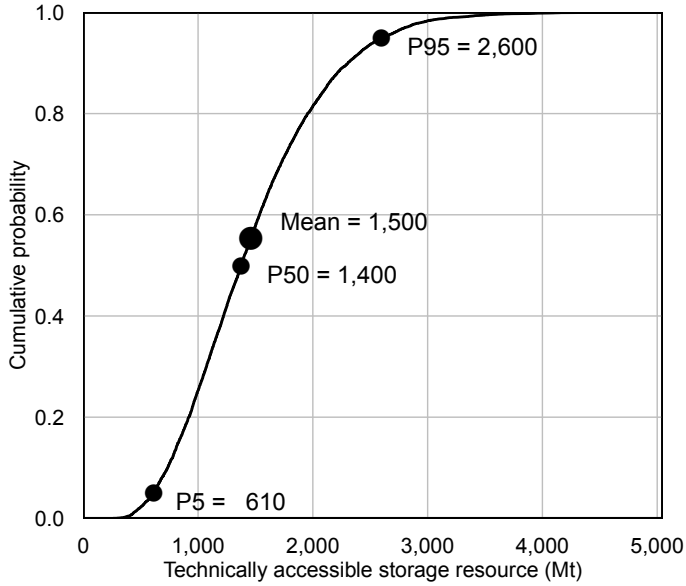


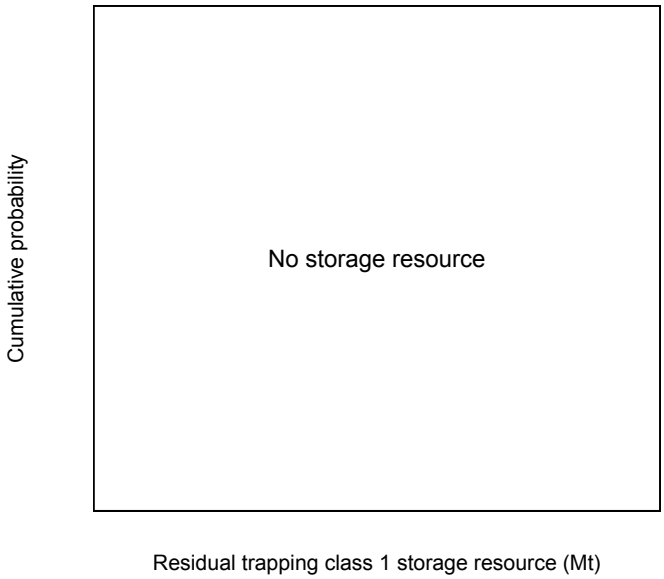


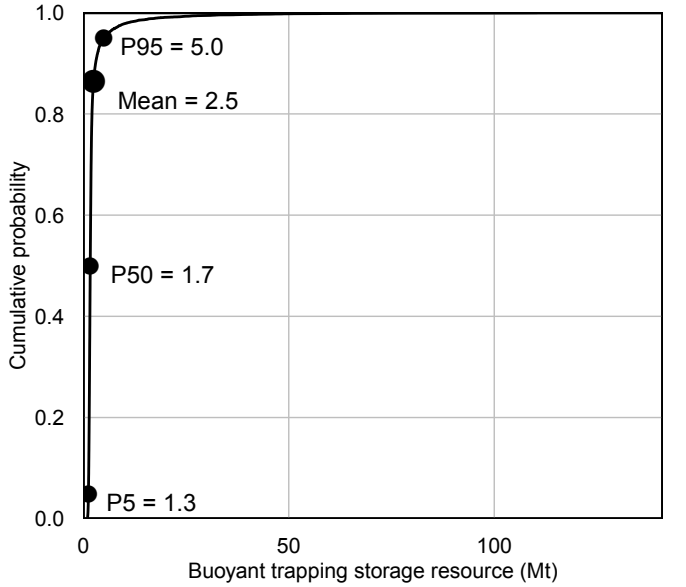


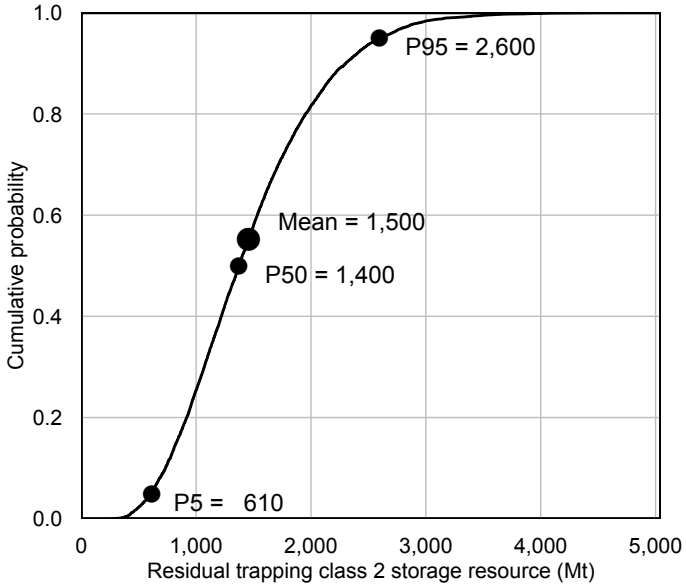


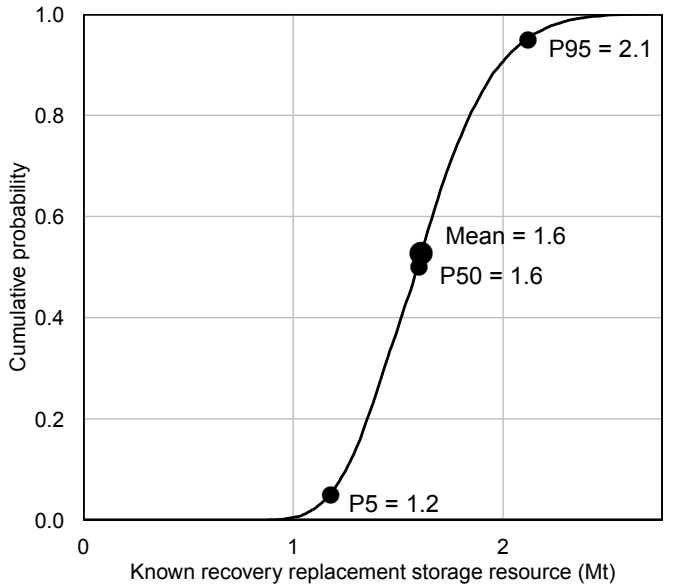
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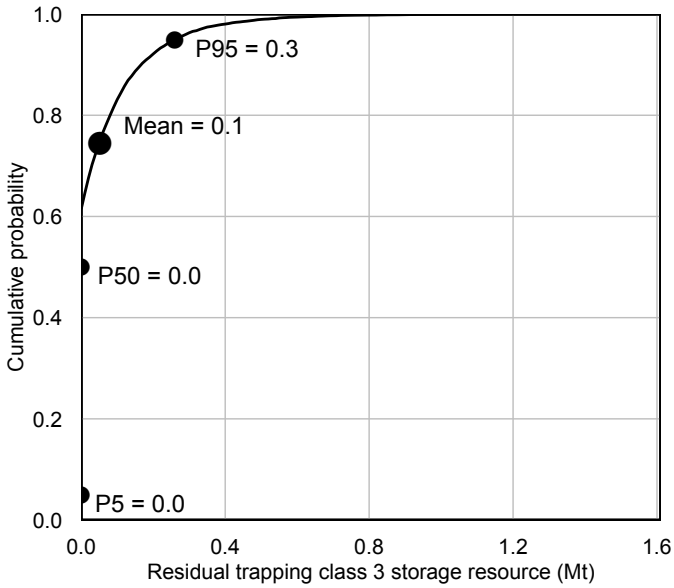




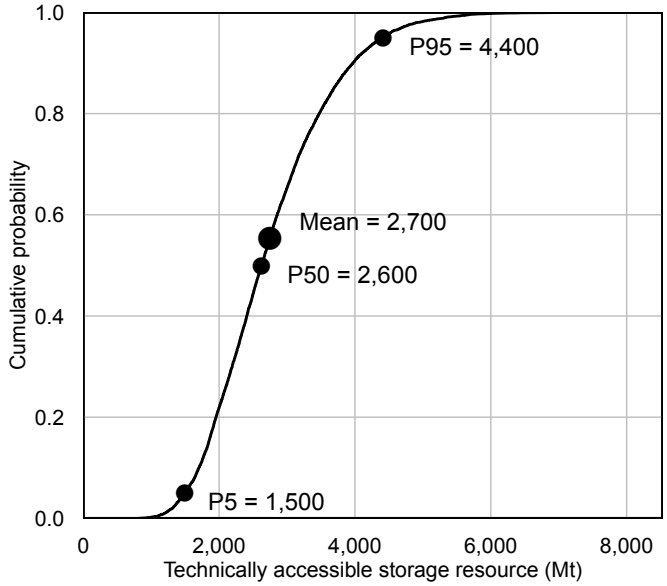


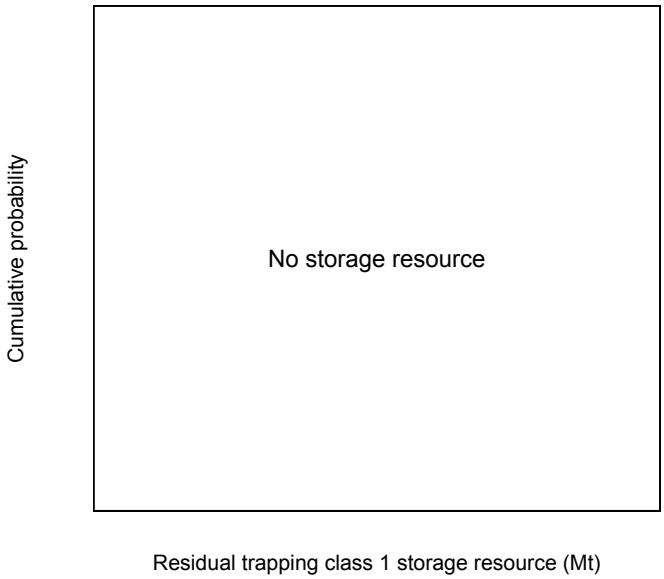


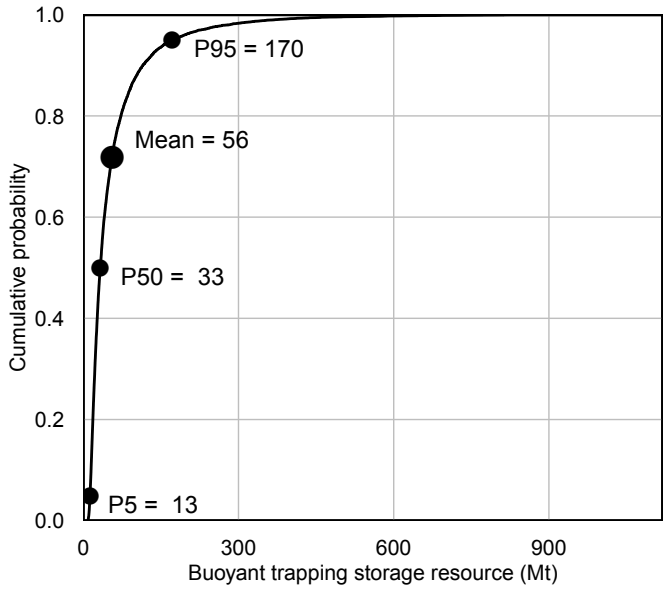


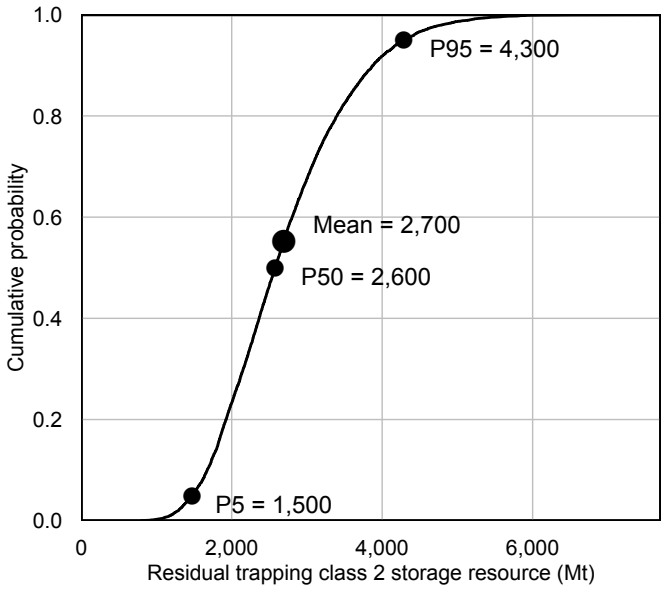


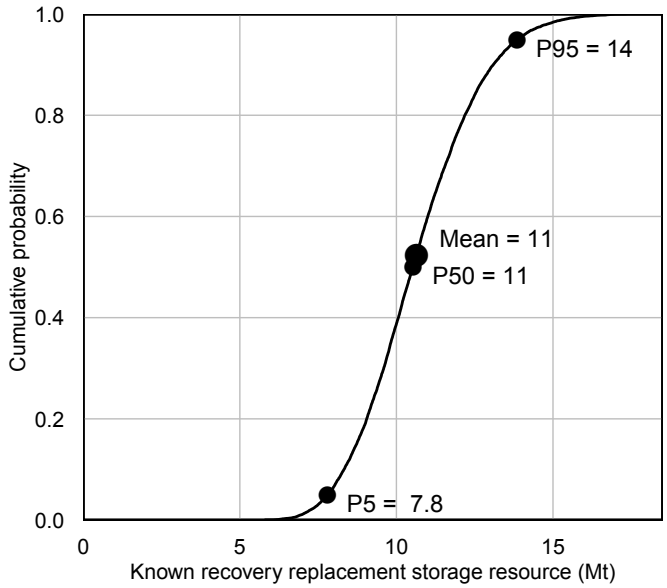
Powder River Basin C50330104

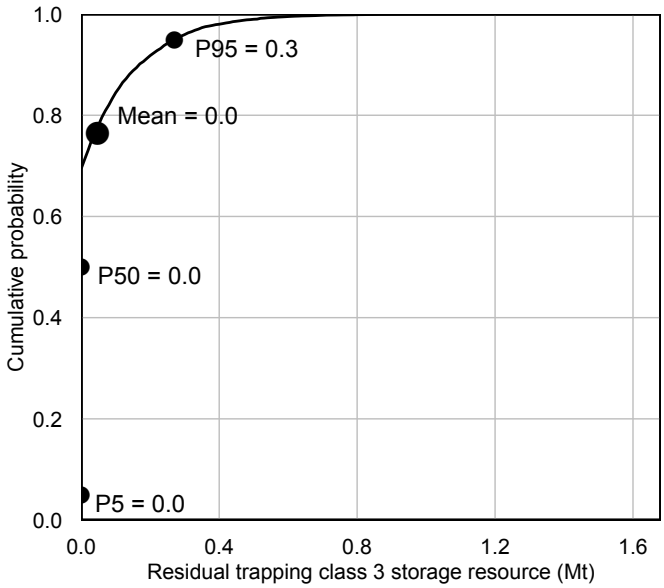




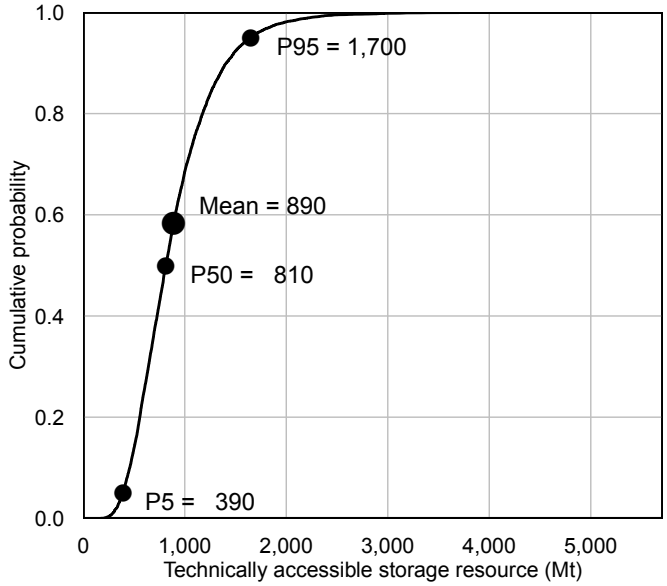


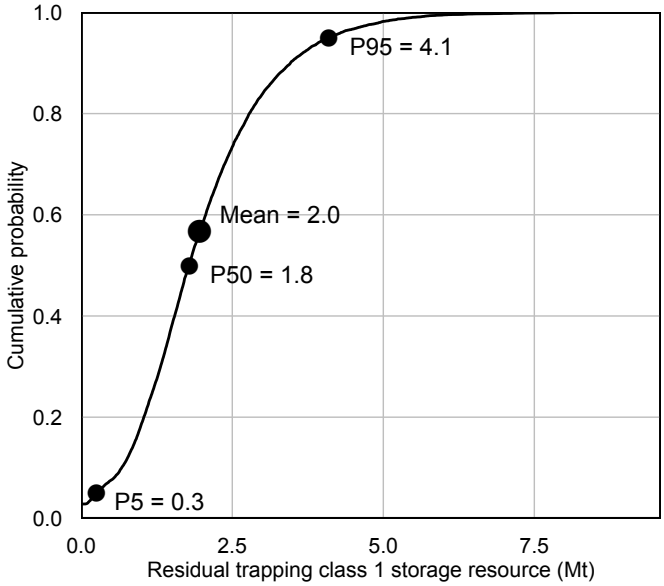


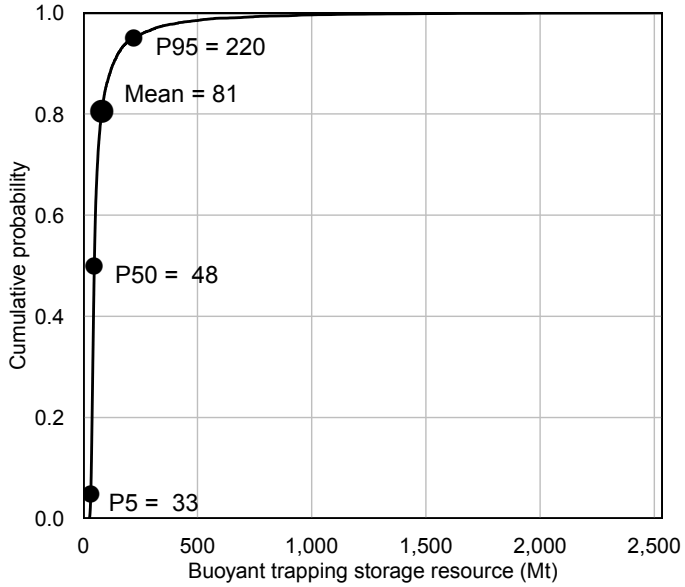


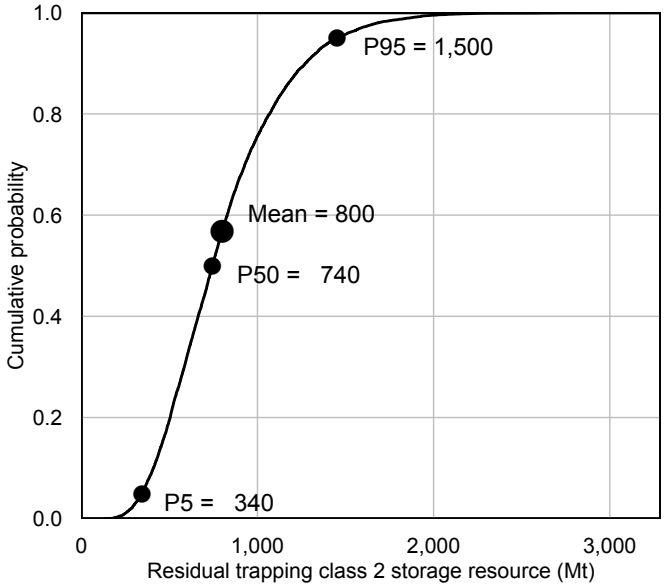


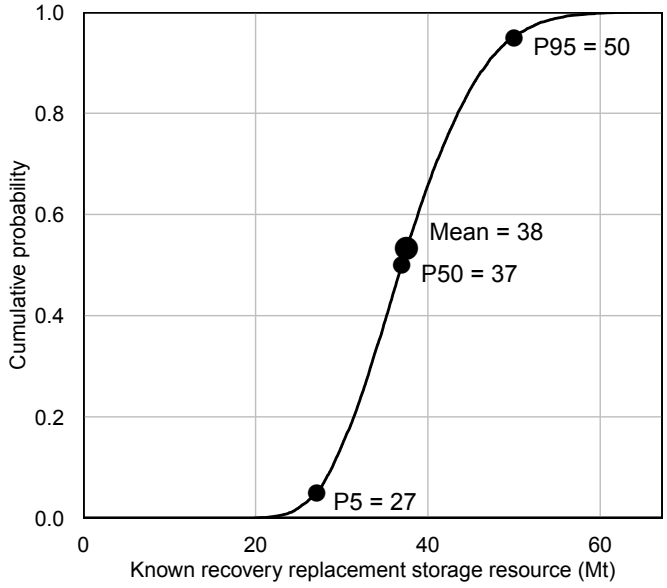
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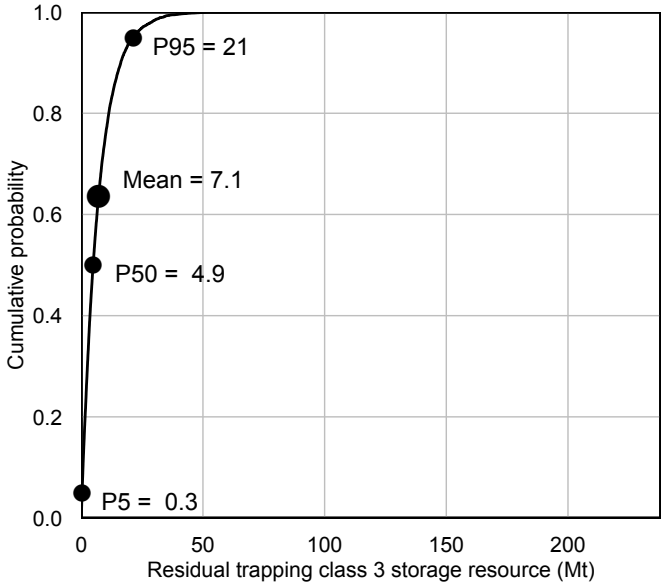




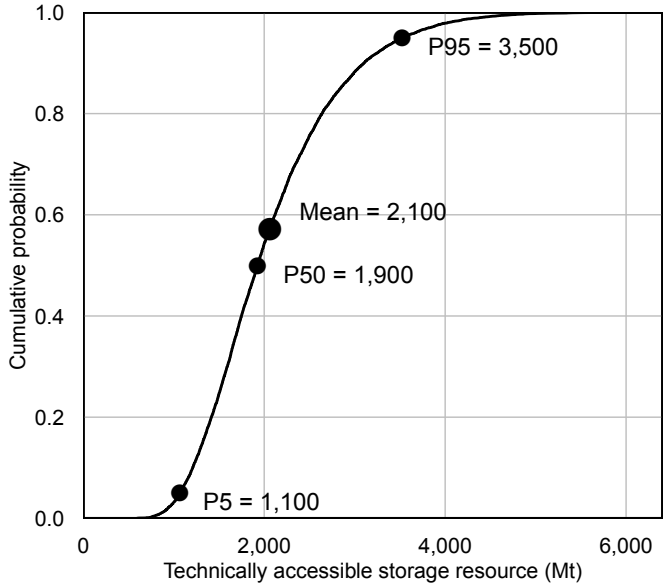


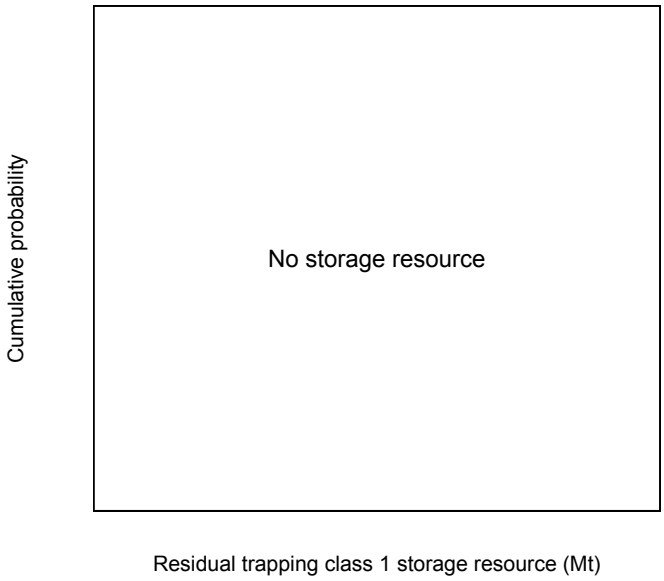


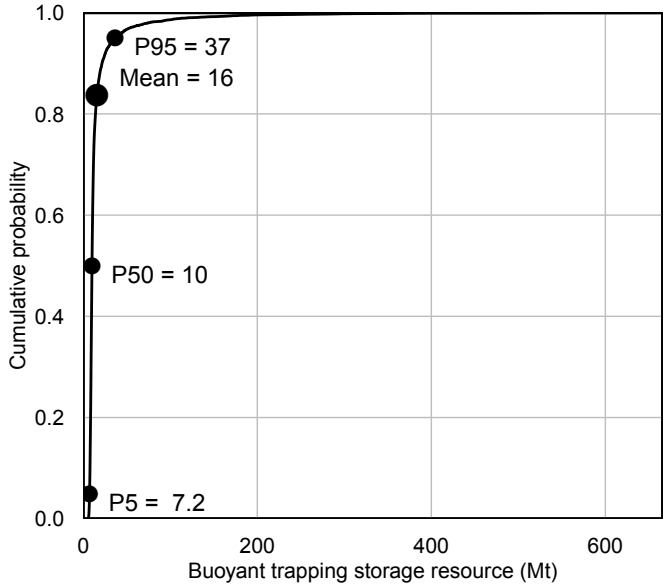


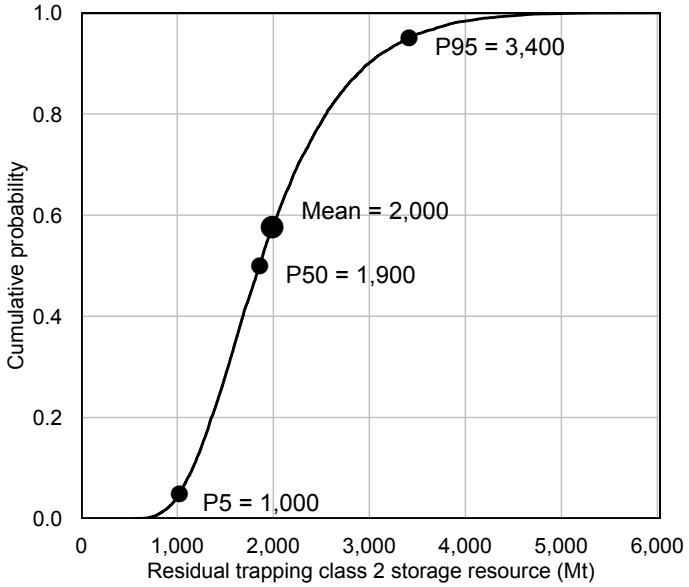


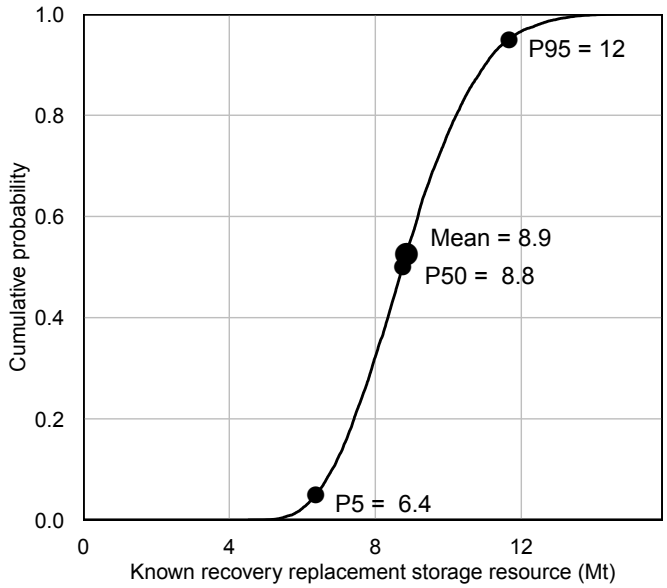
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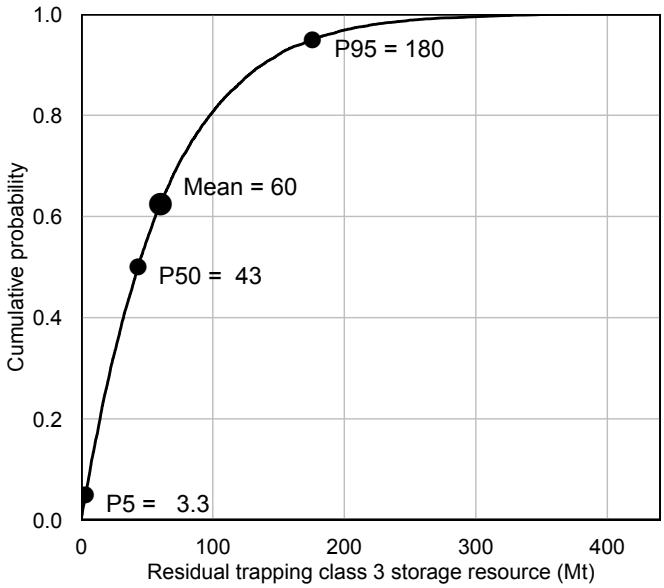




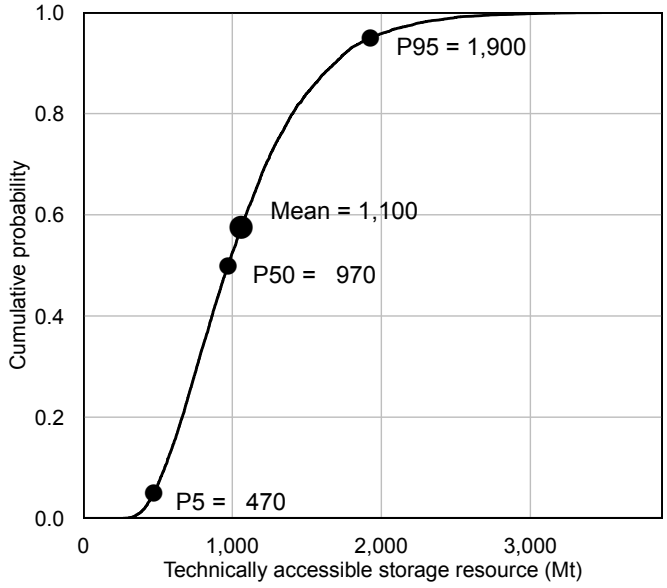


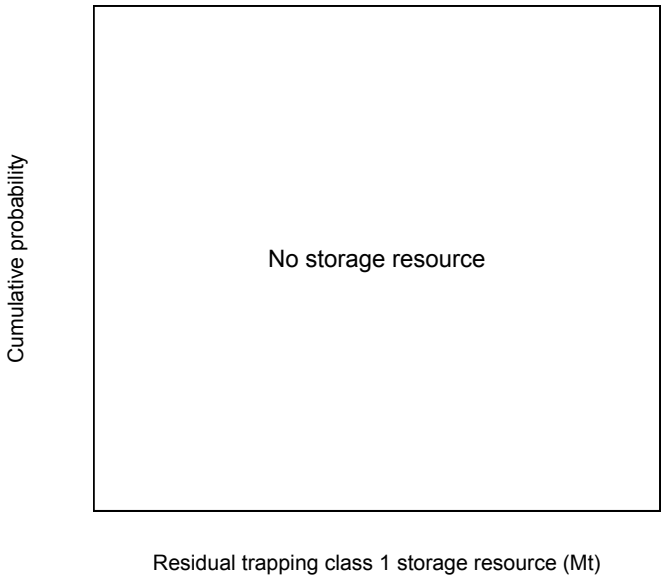


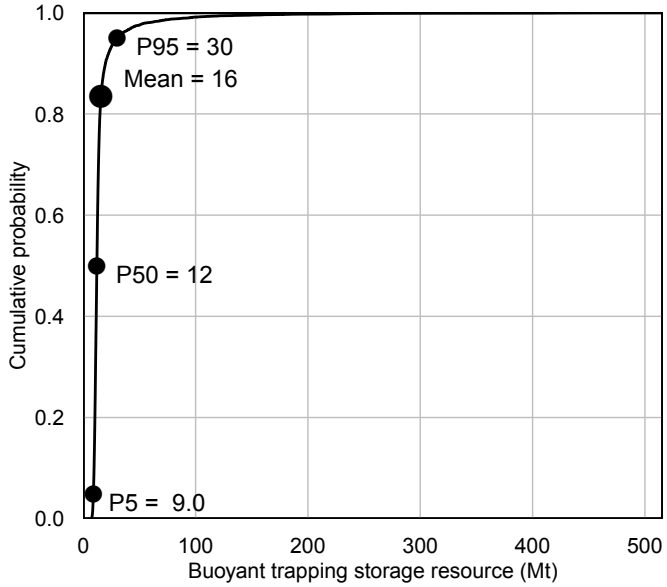


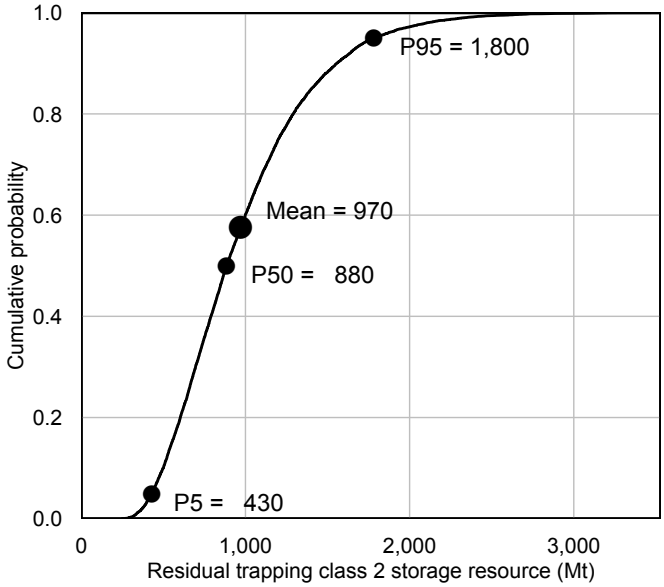


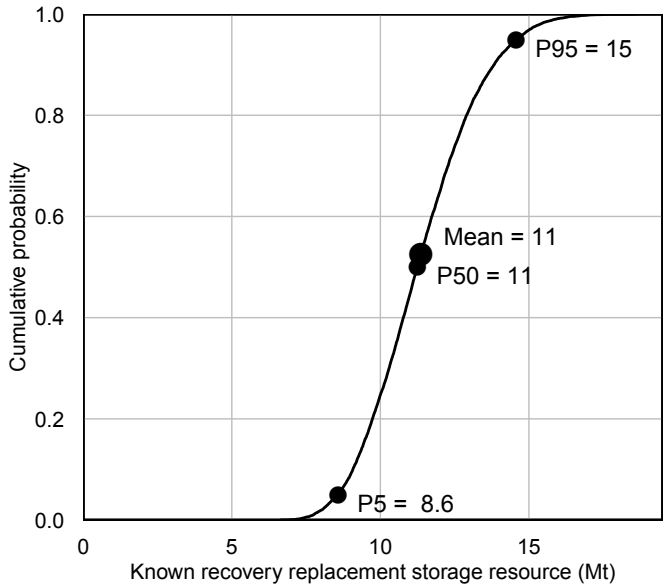
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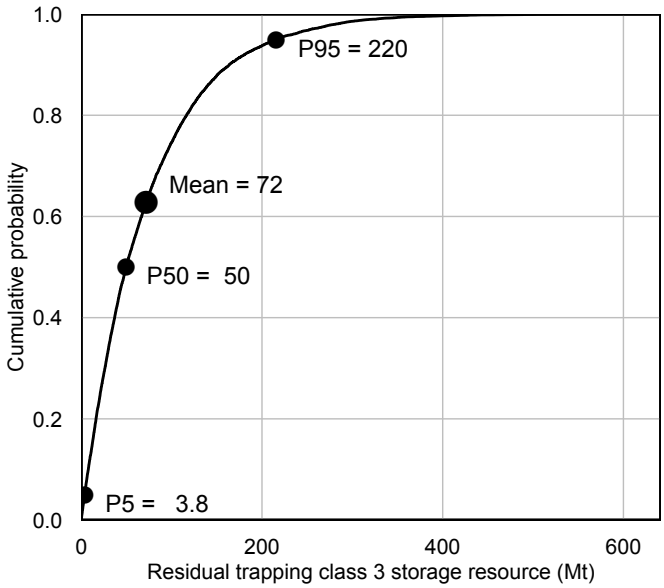




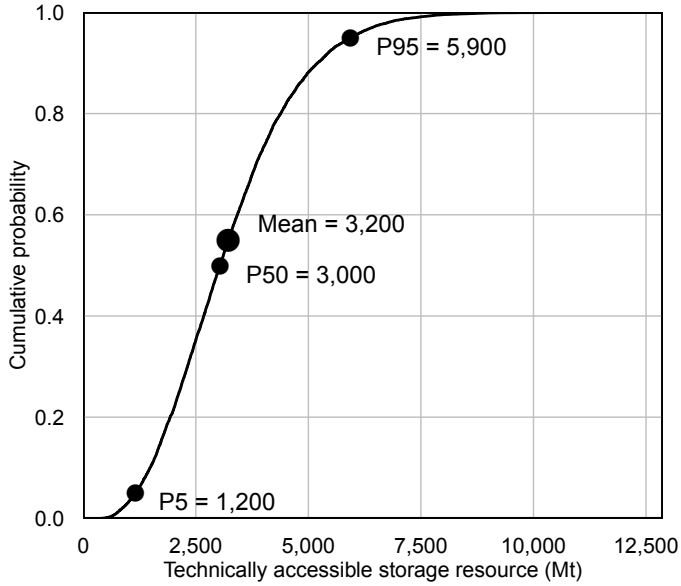


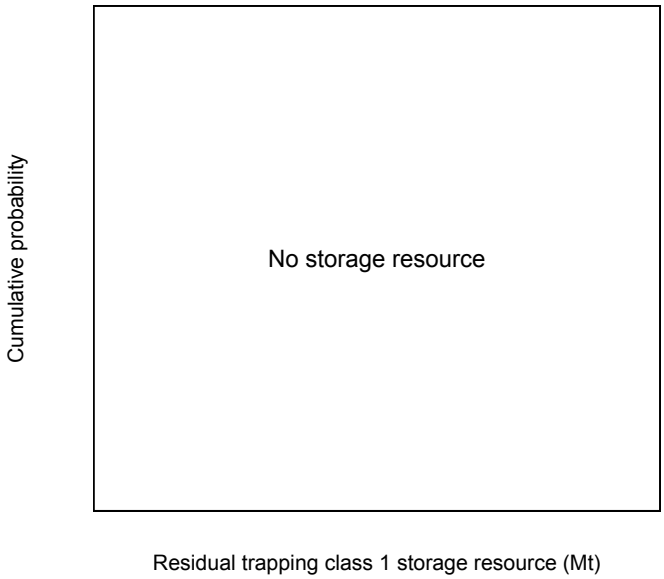


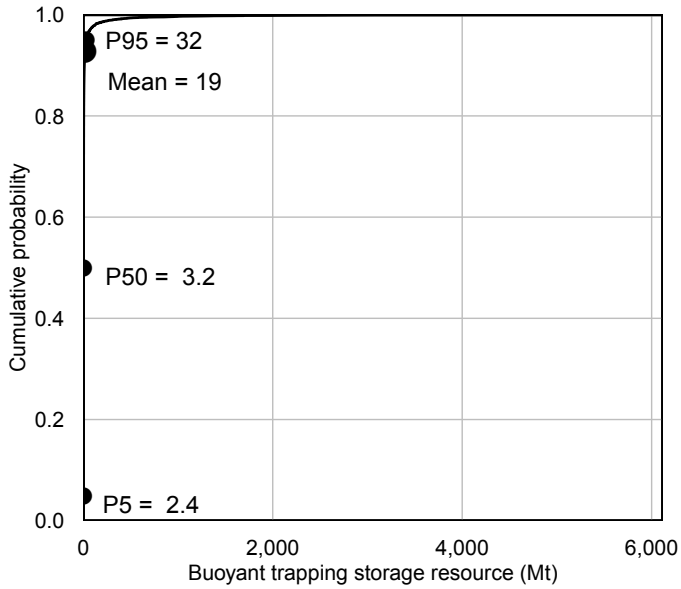


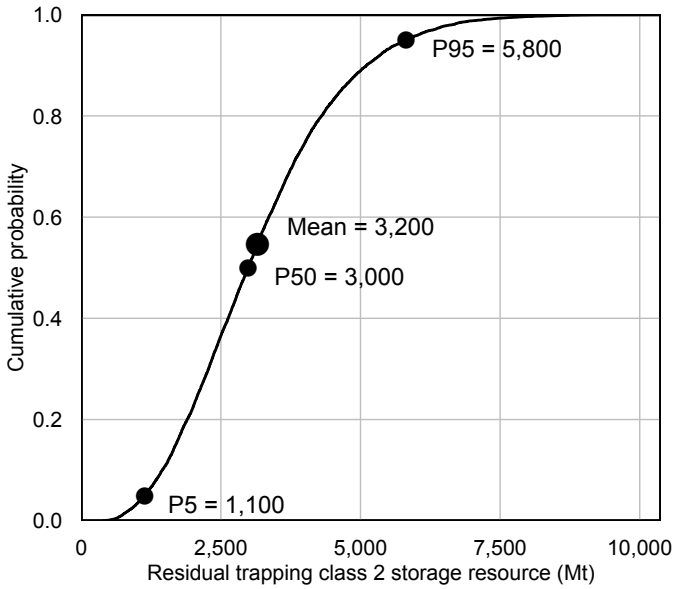


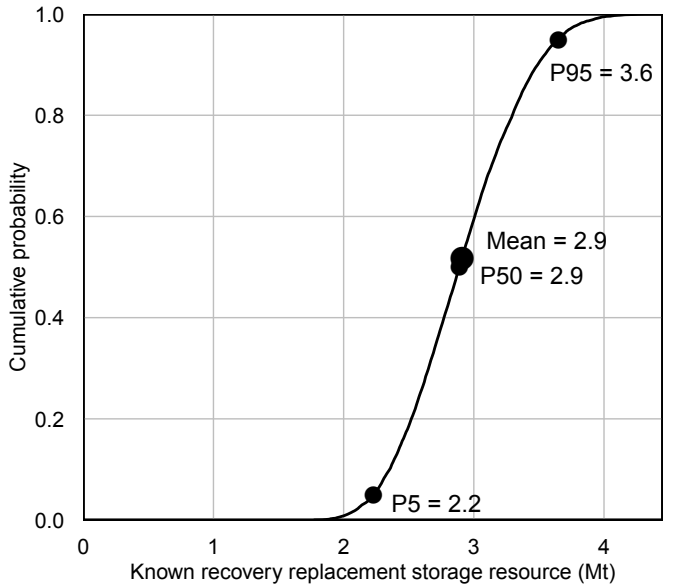
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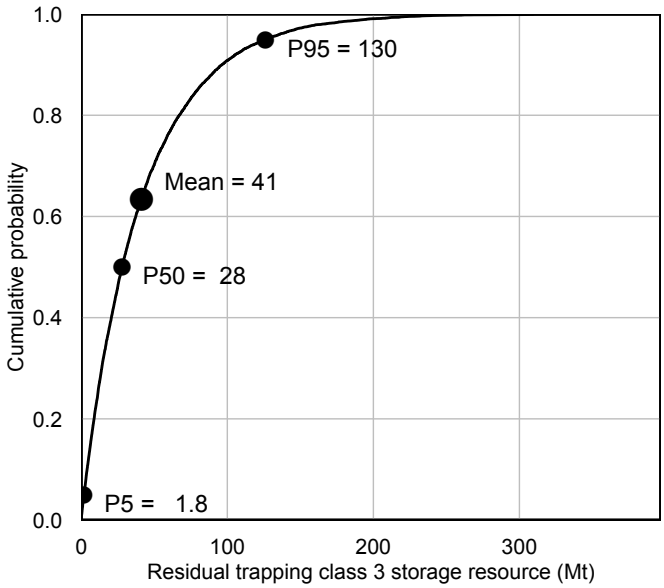




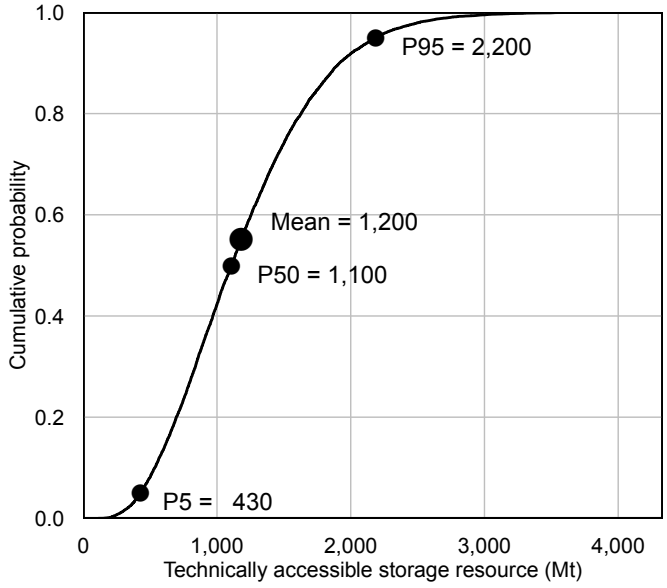


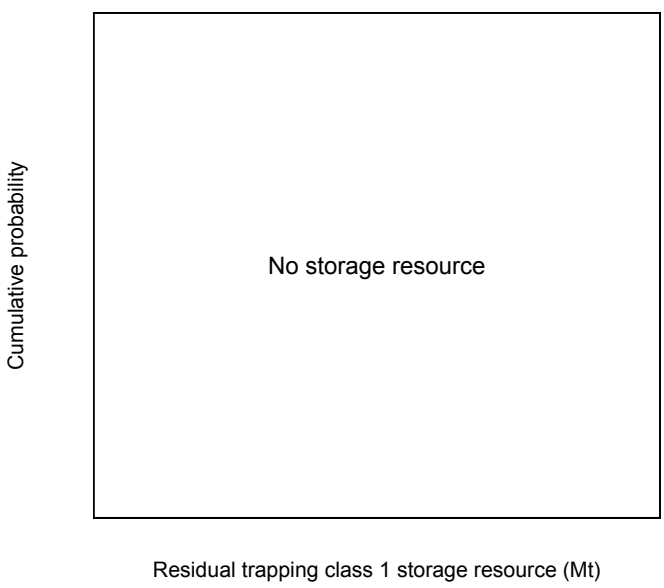


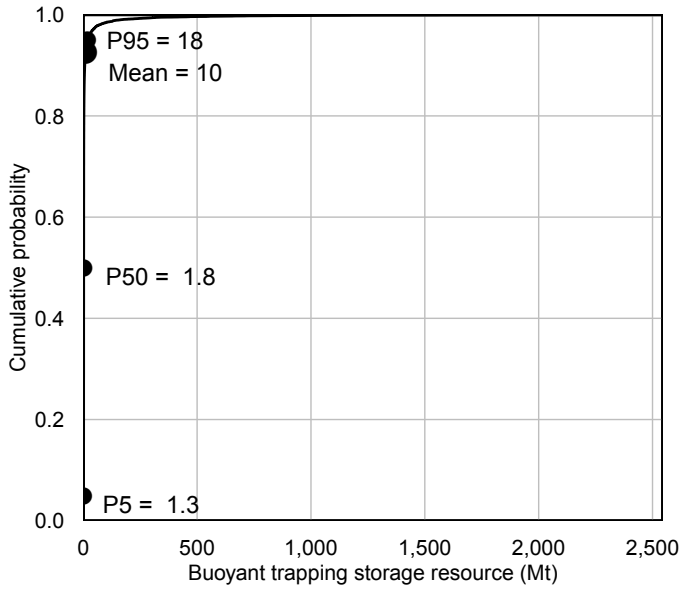


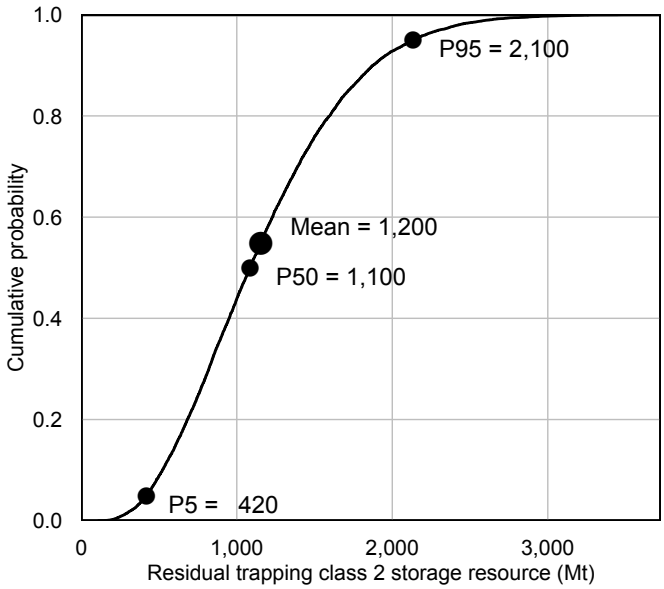


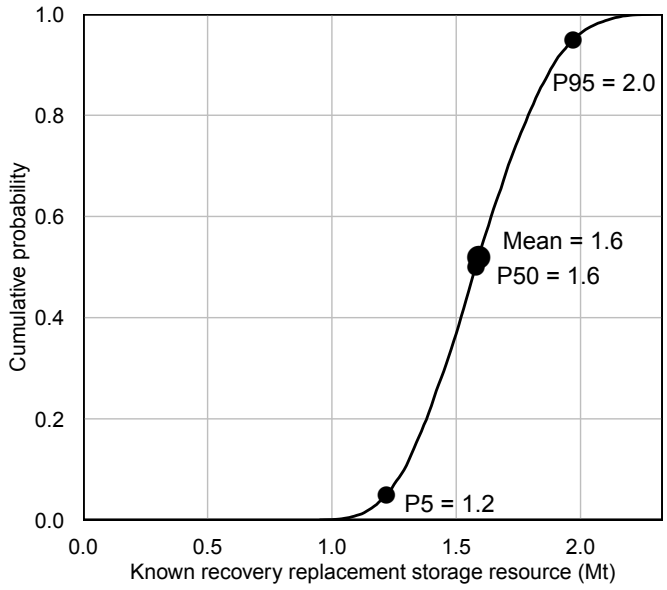
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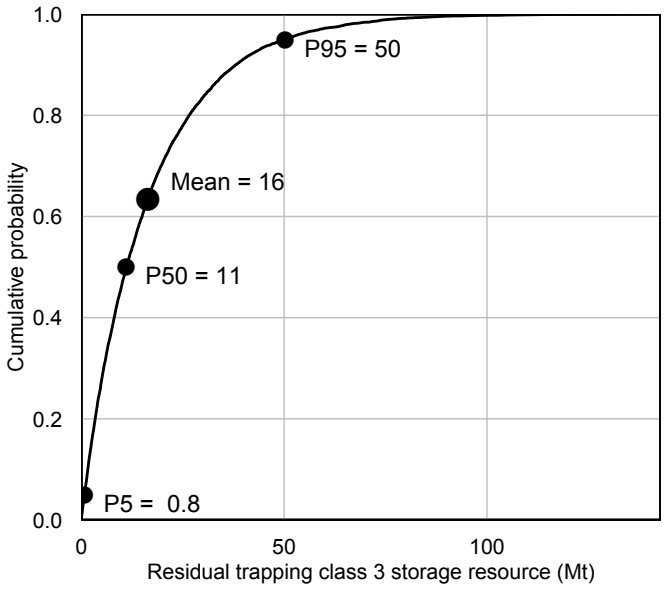




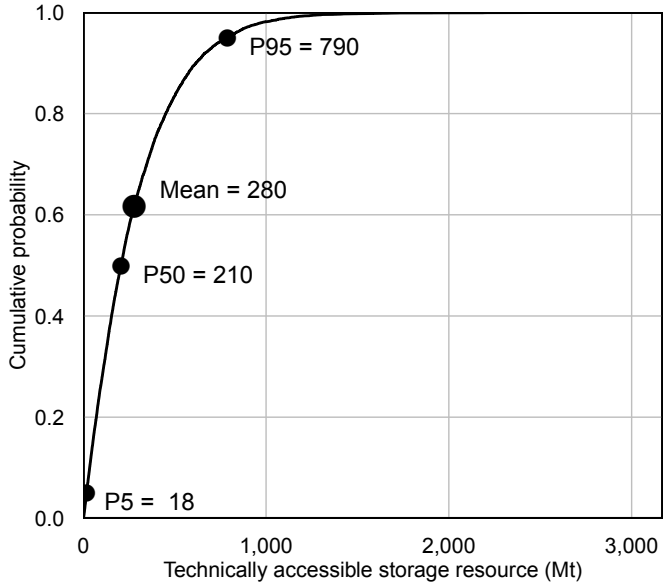


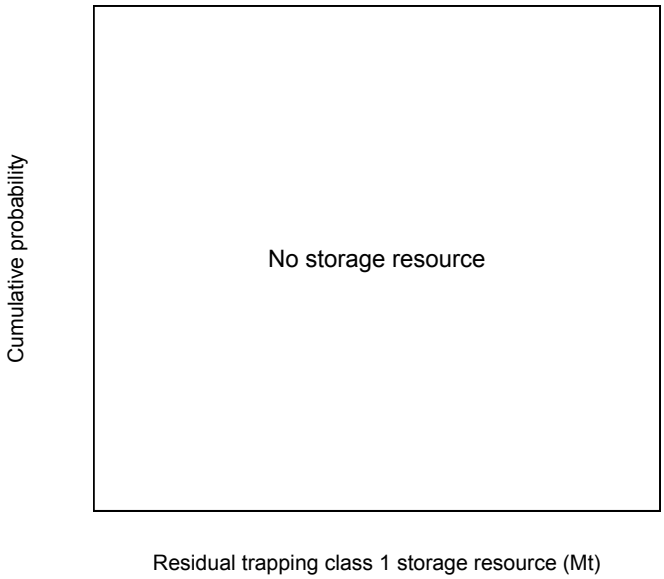


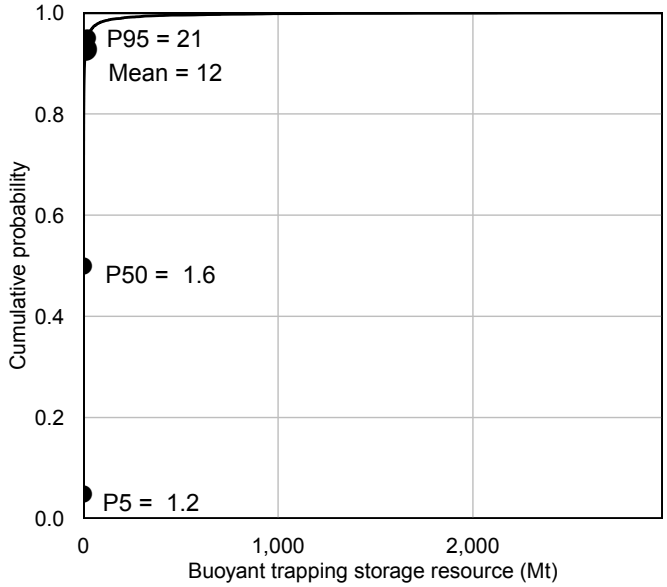


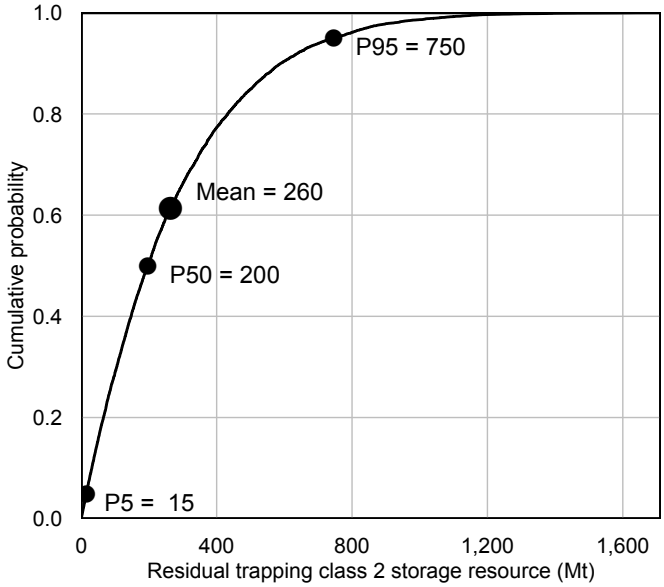


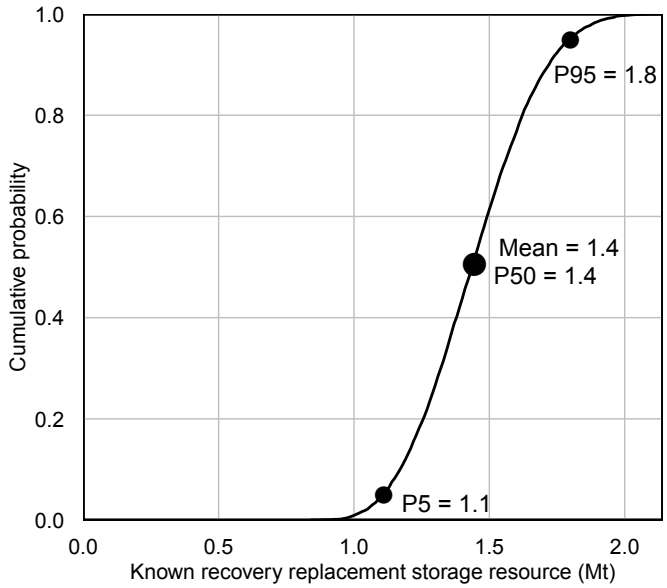
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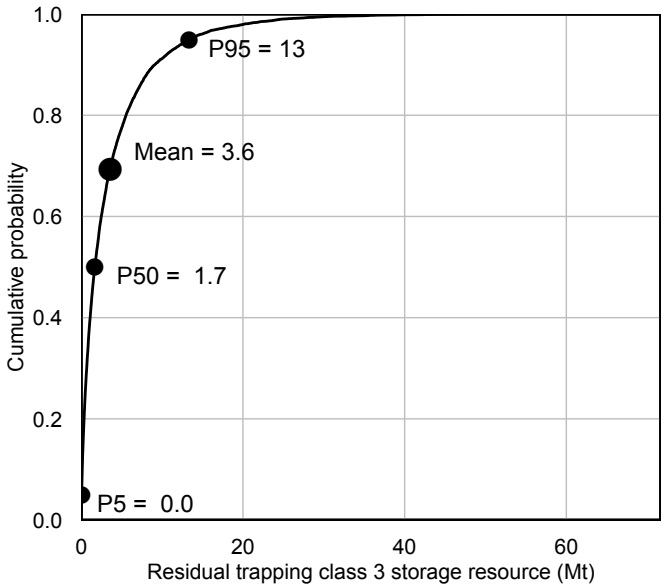




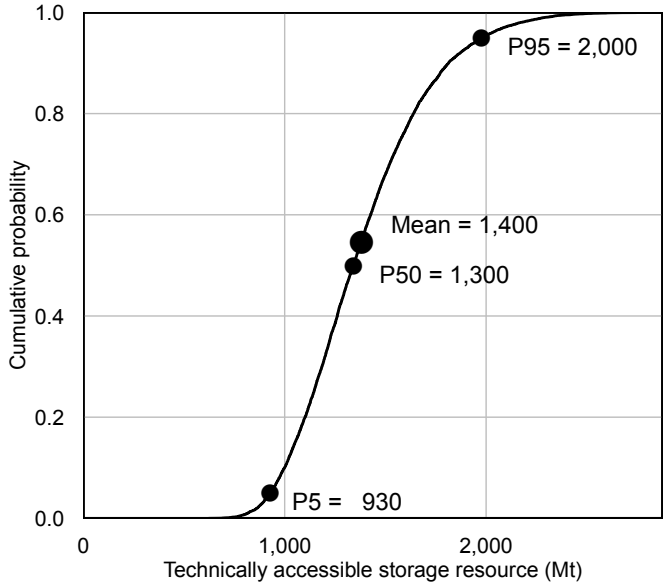


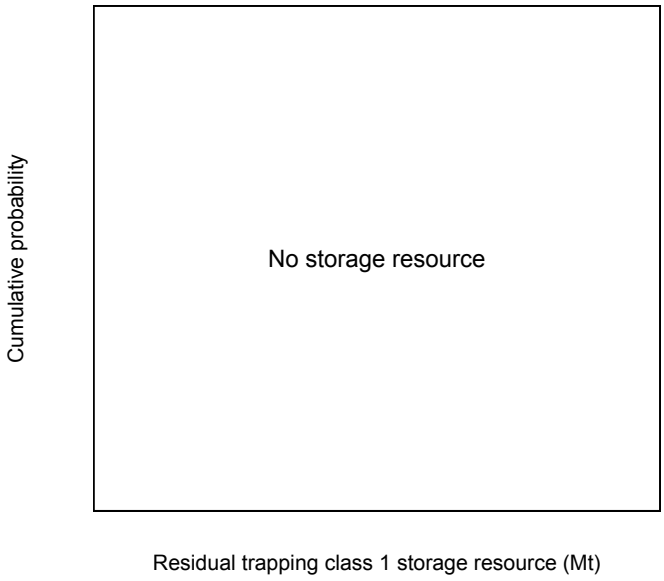


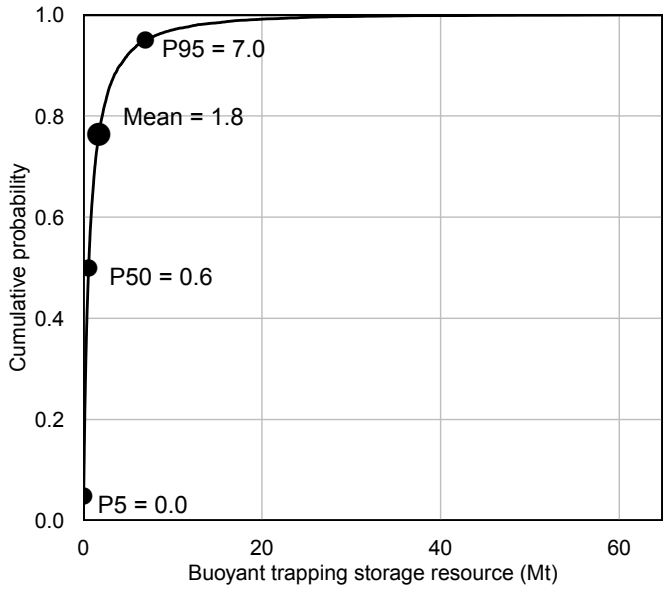


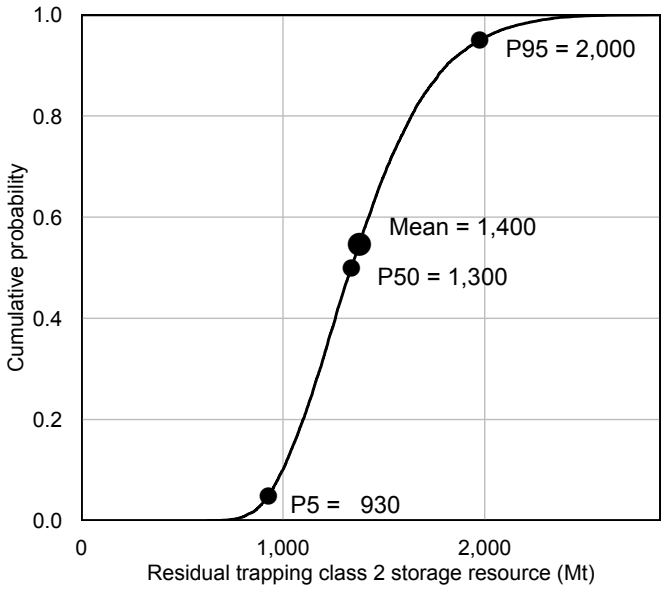


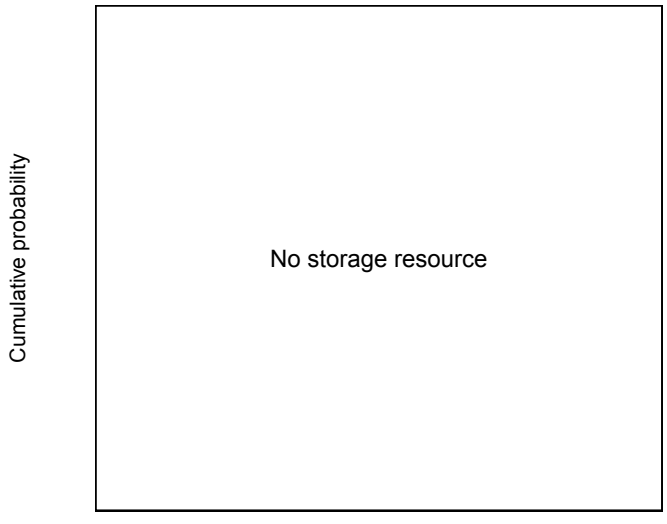
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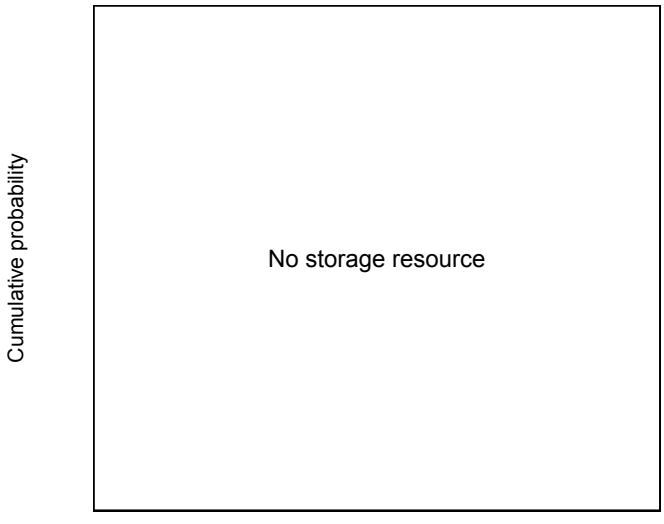




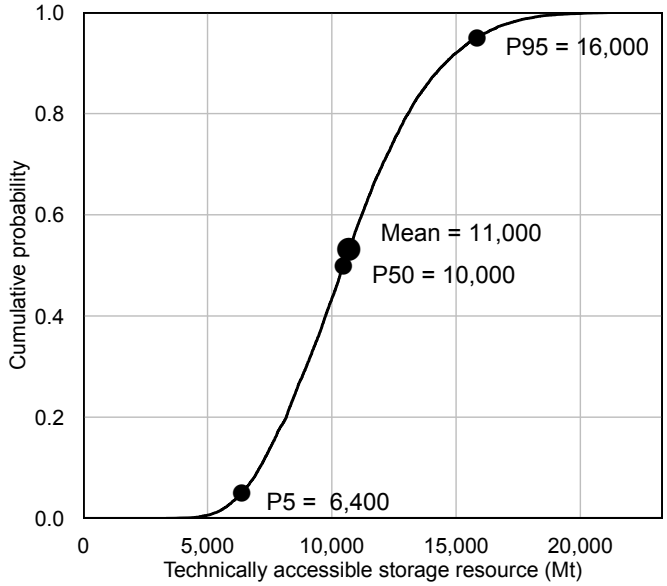


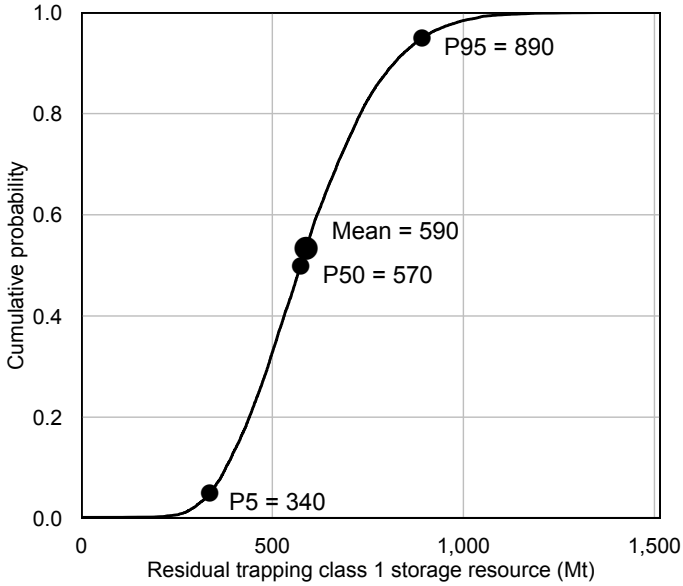


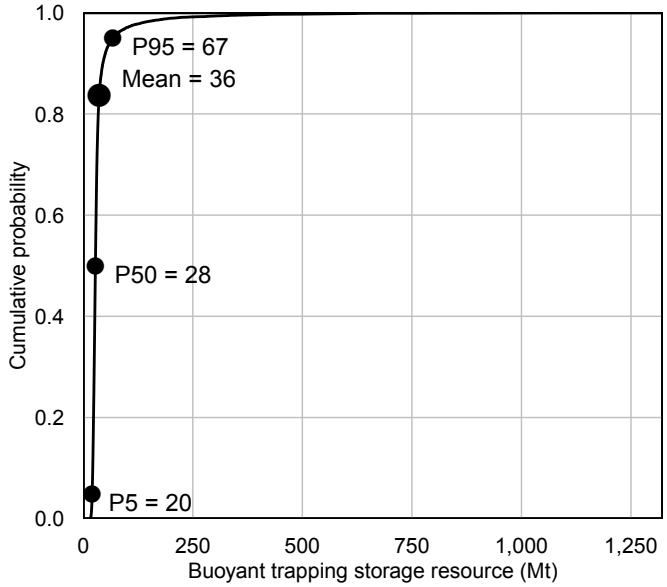


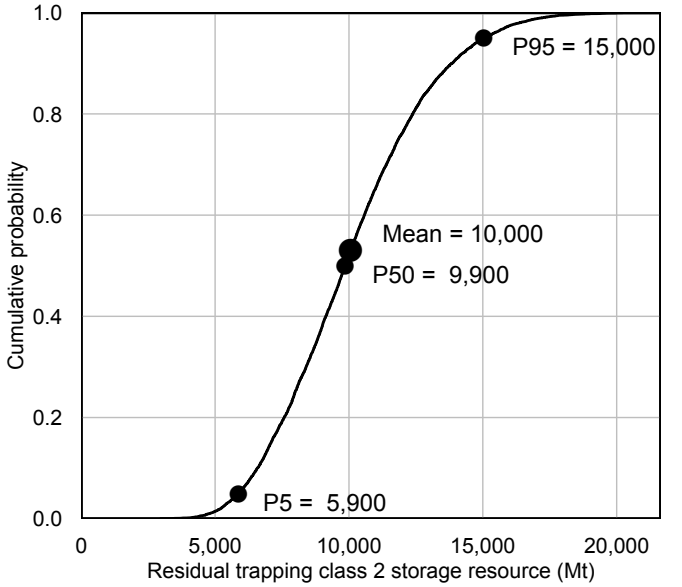


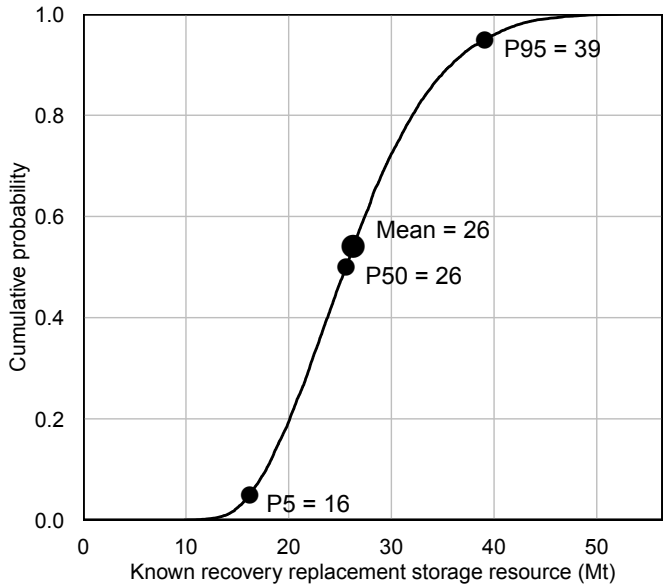
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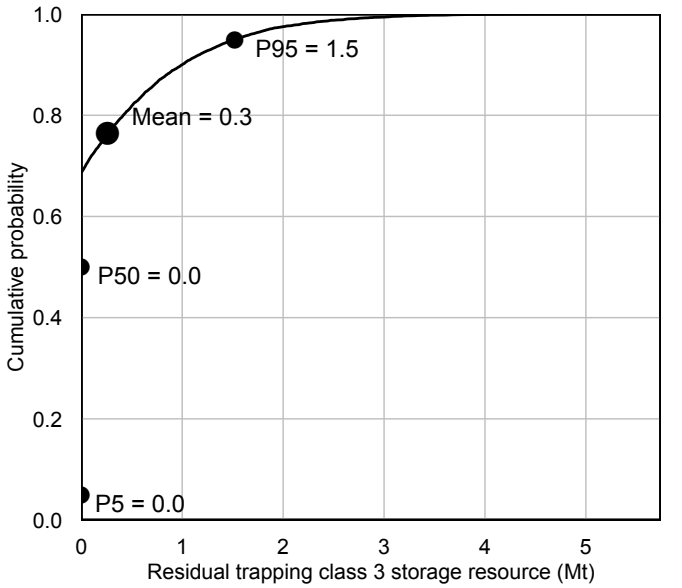




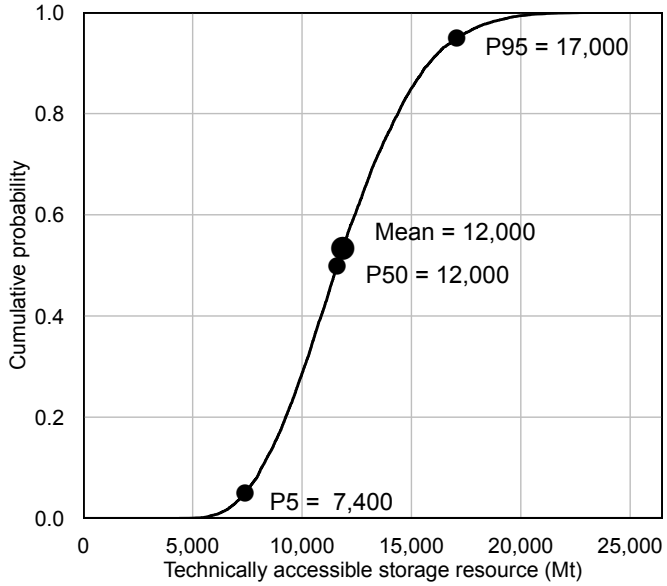


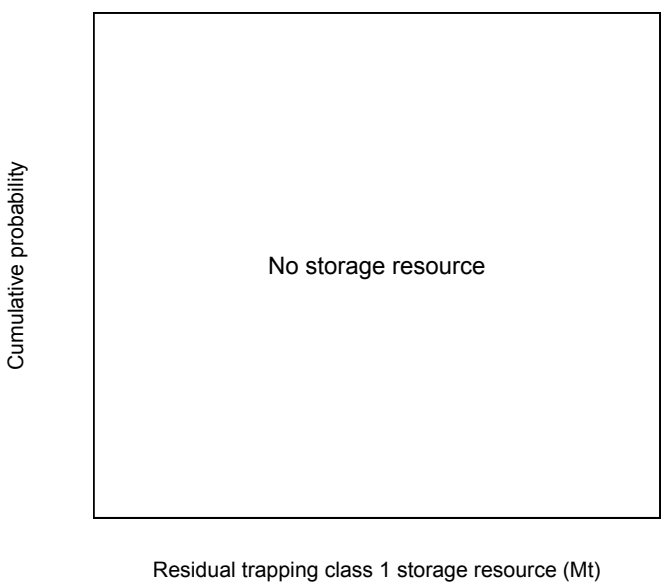


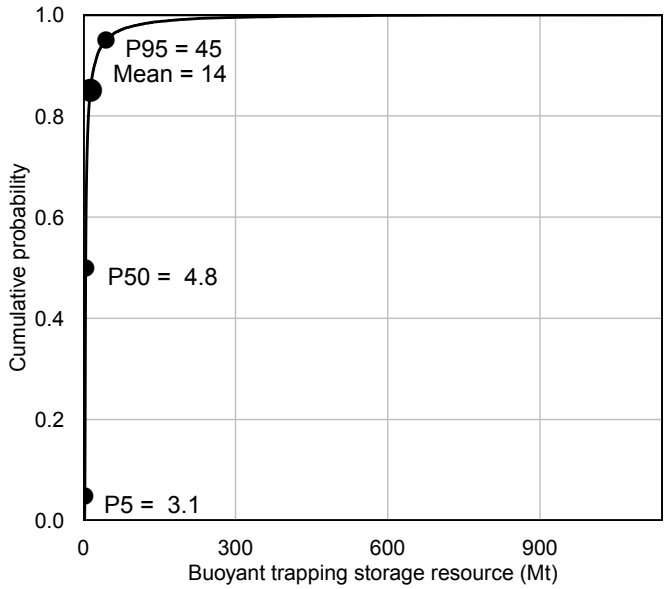


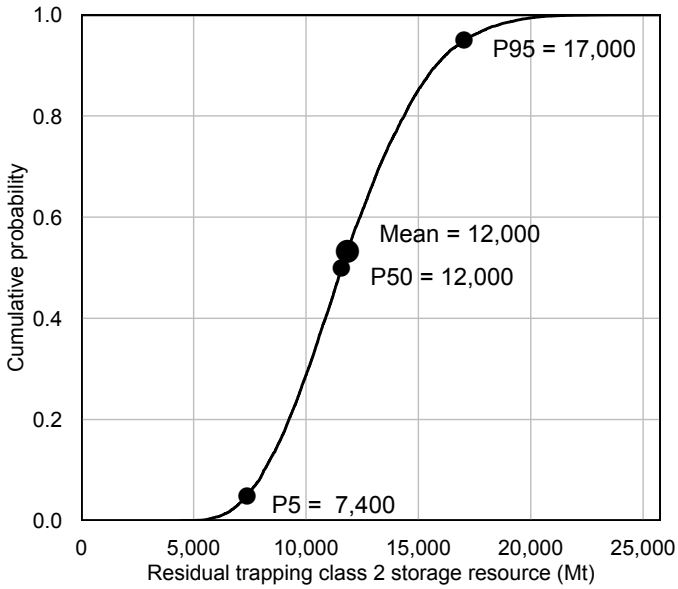


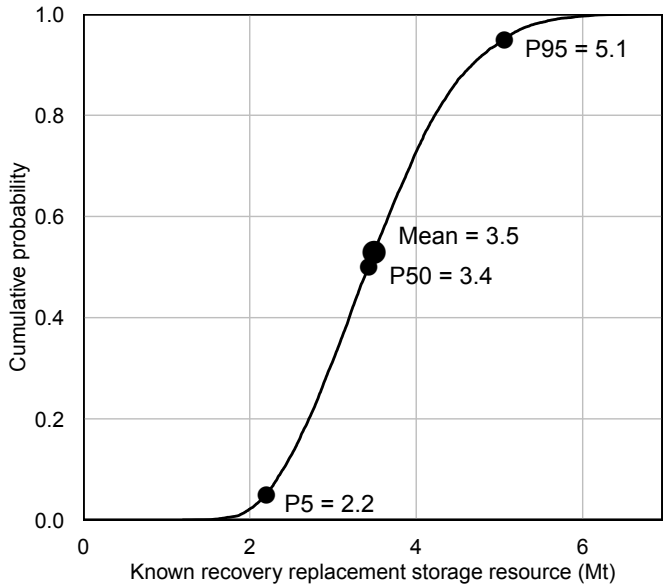
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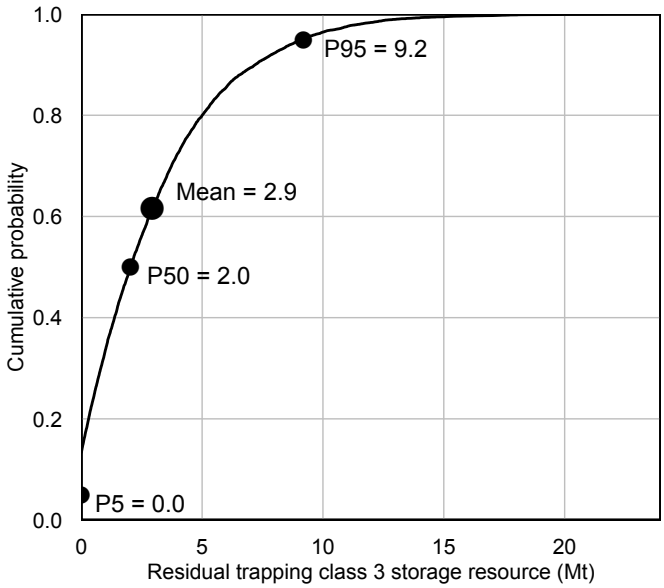




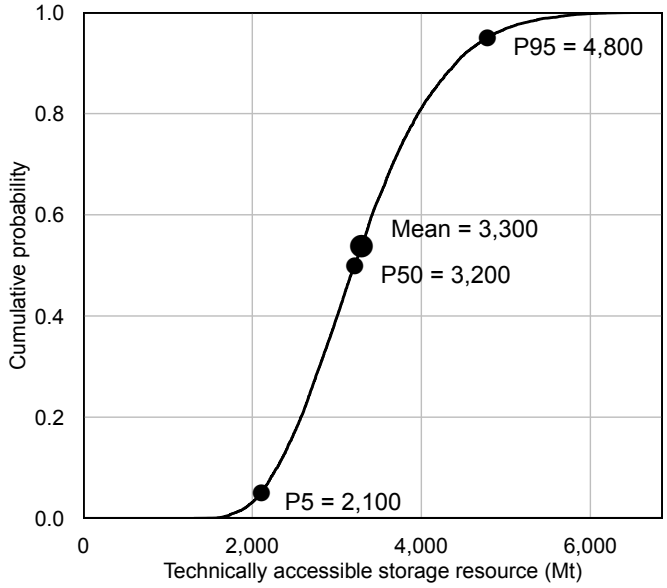


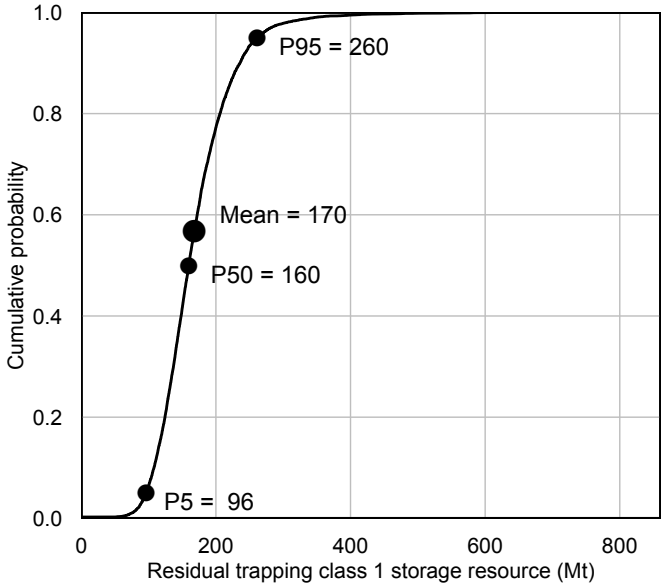


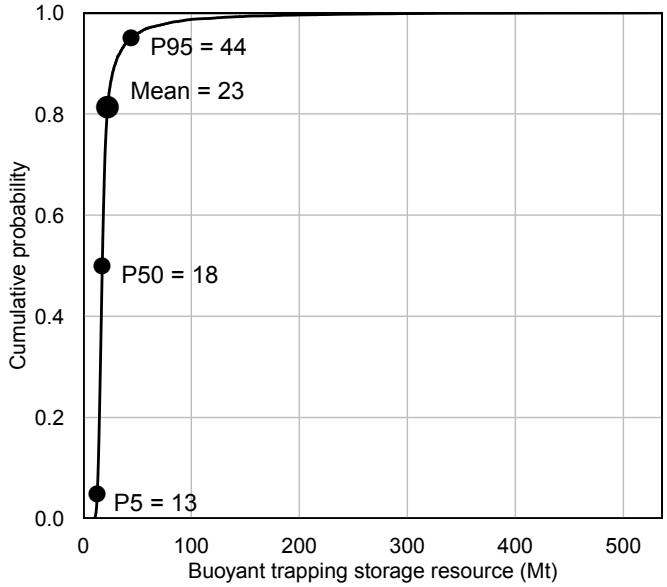


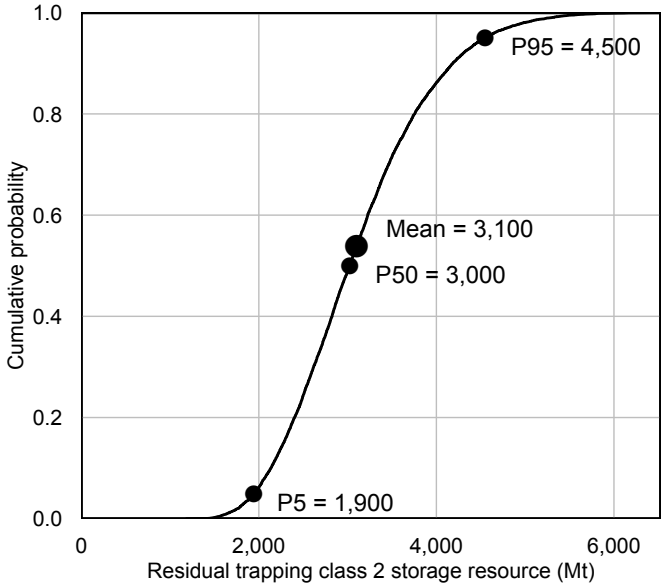


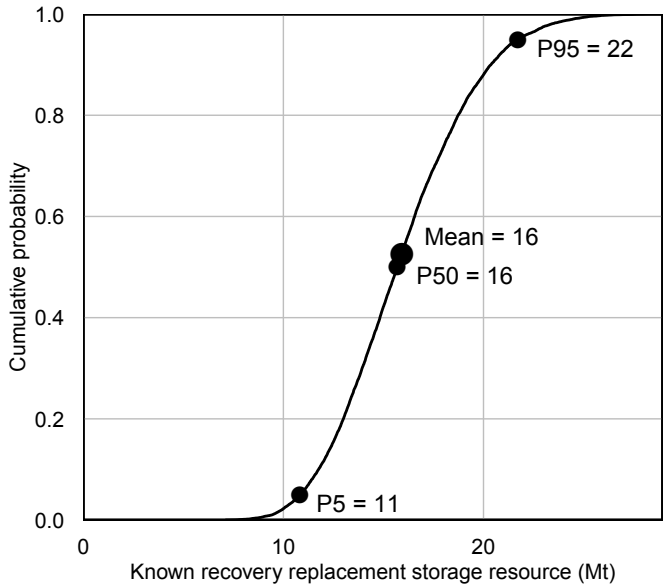
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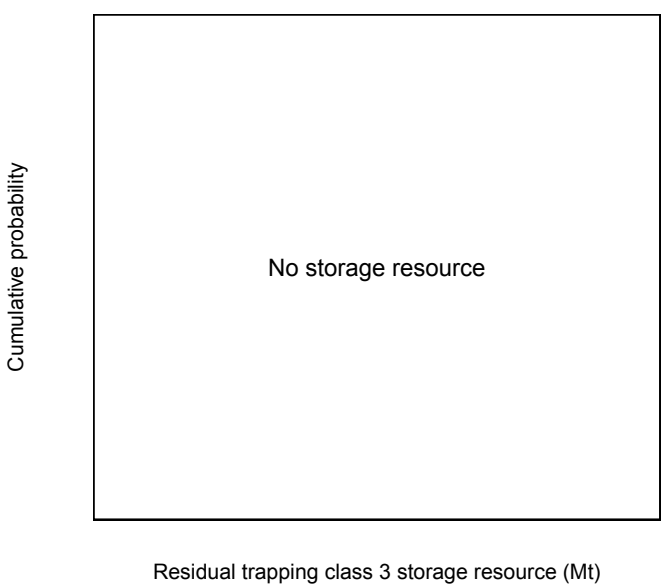




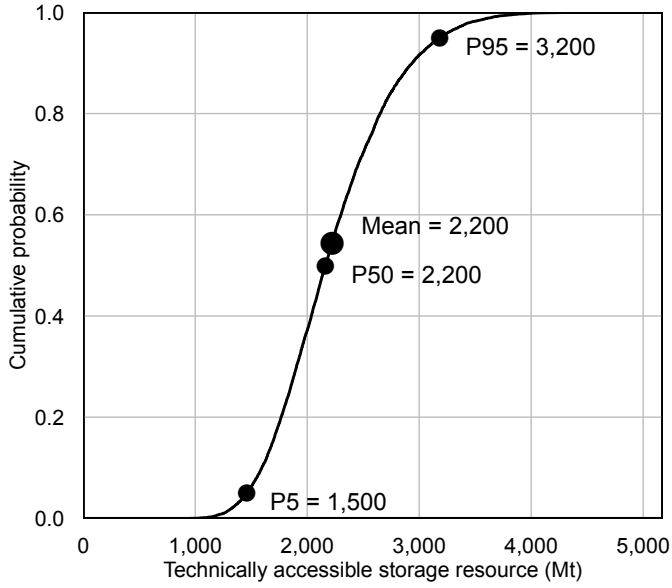


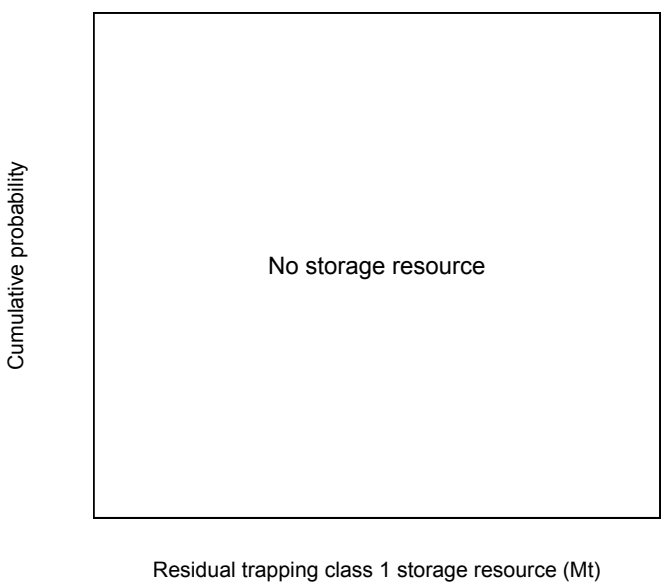


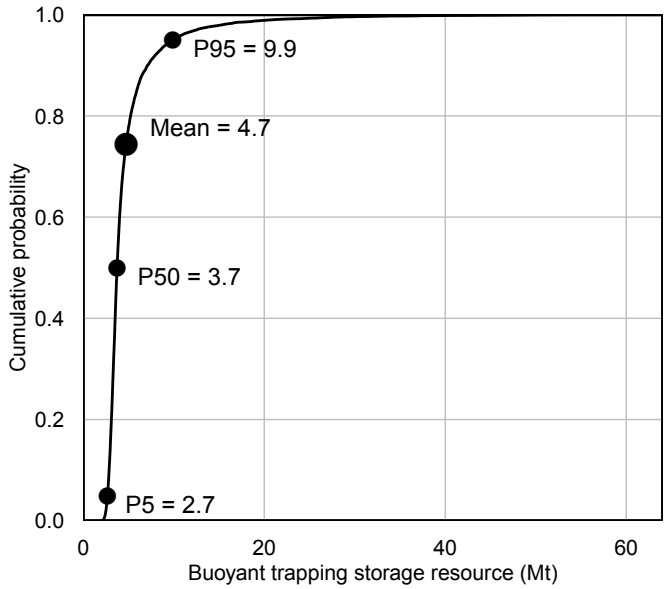


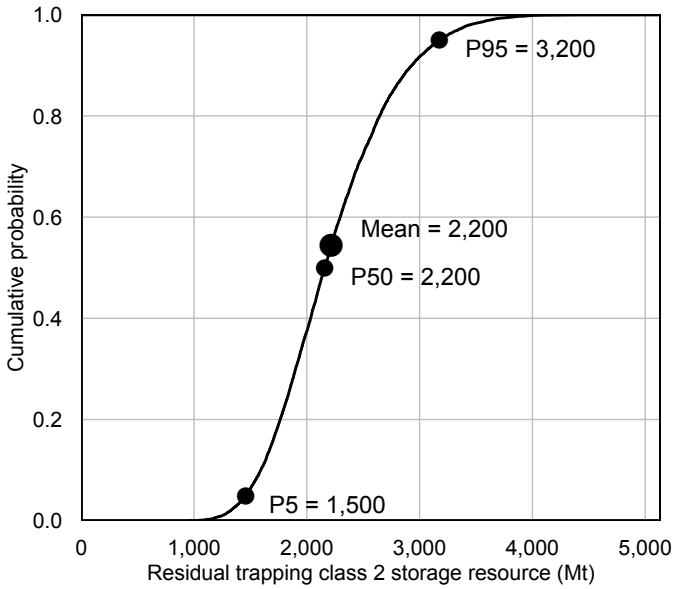


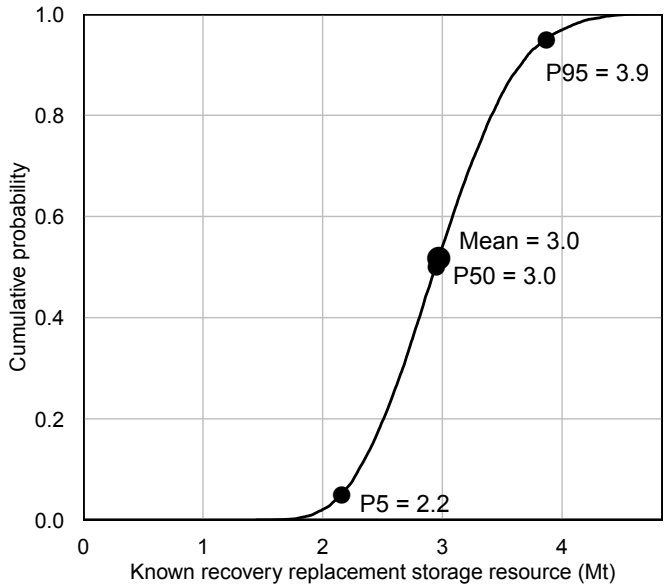
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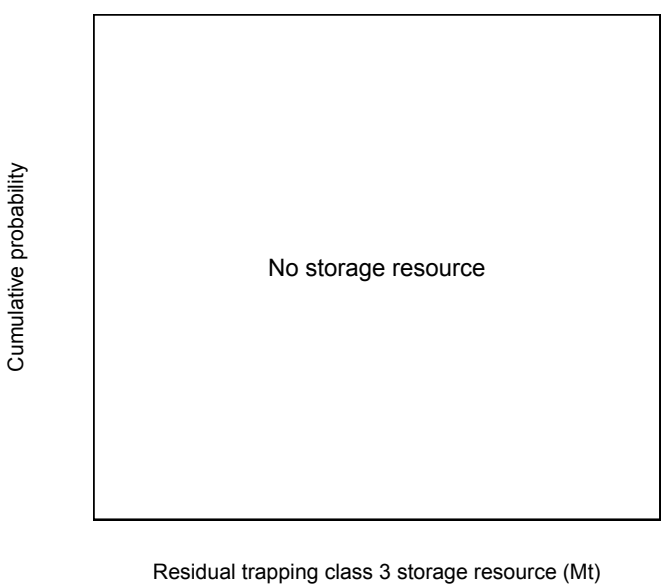




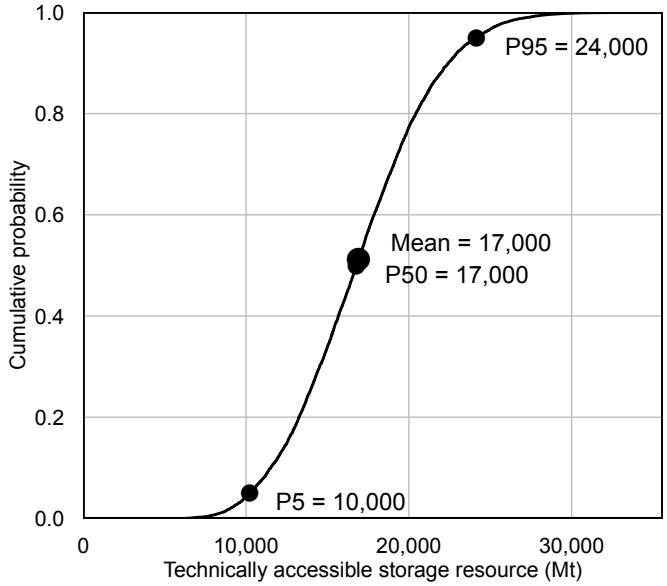


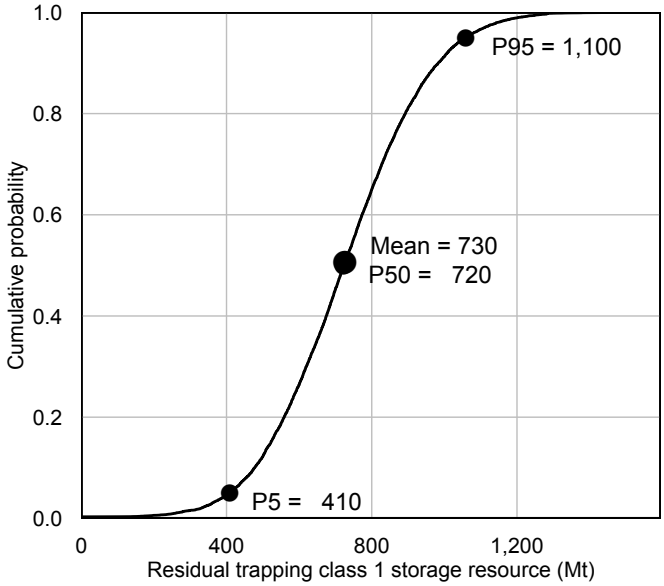


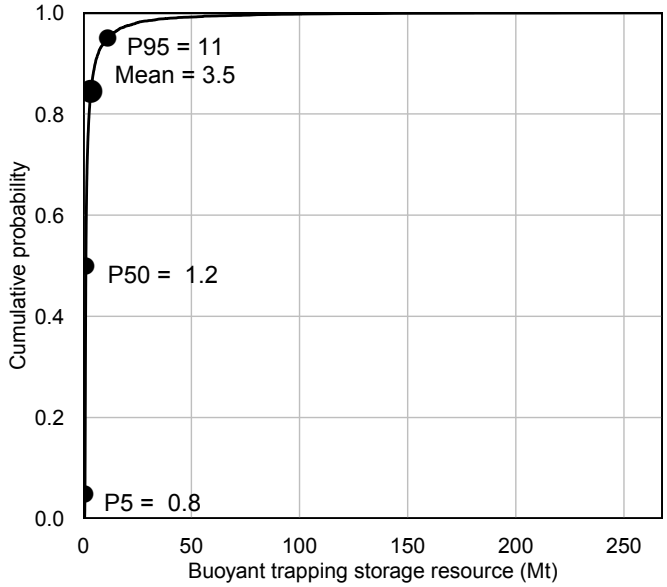


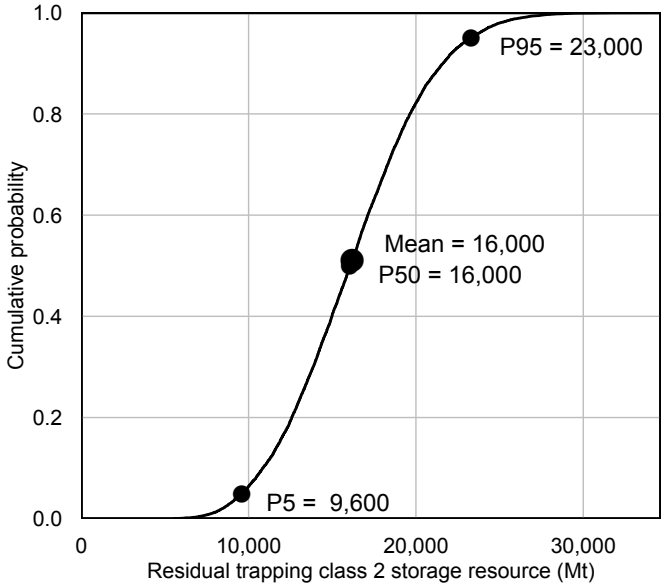


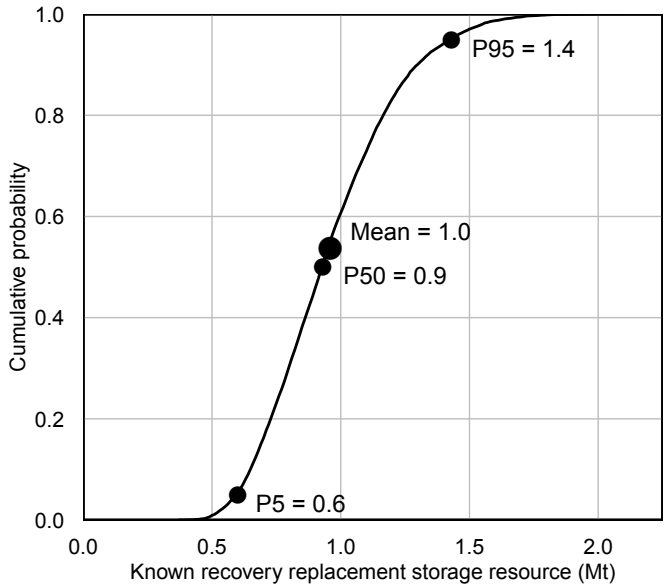
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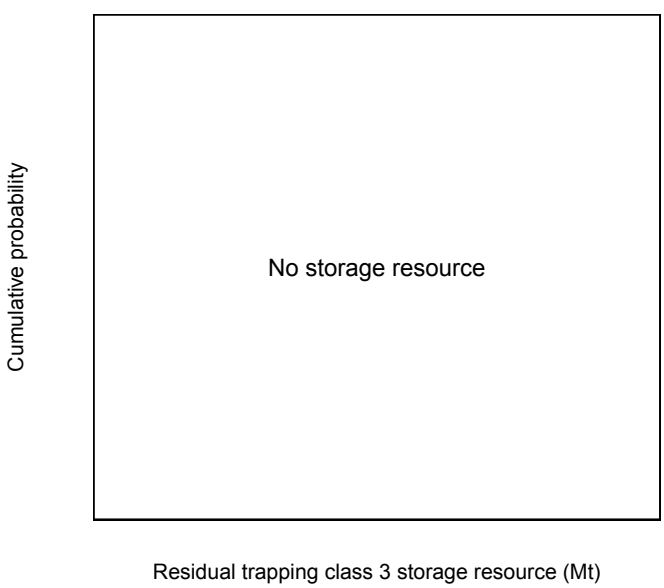




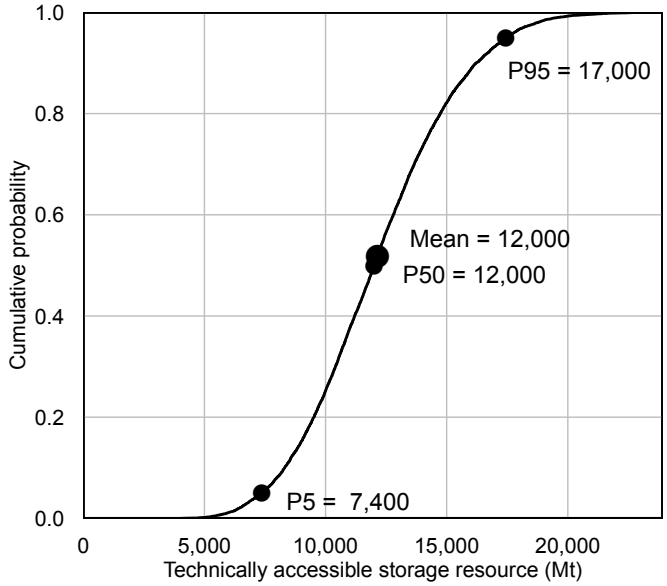


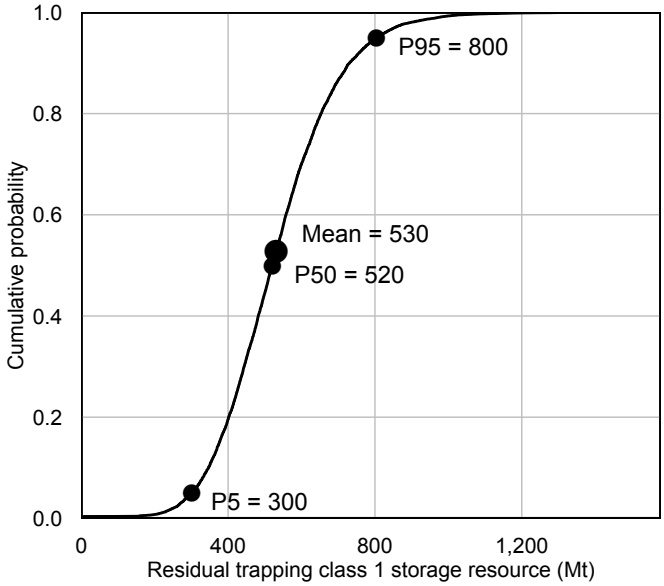


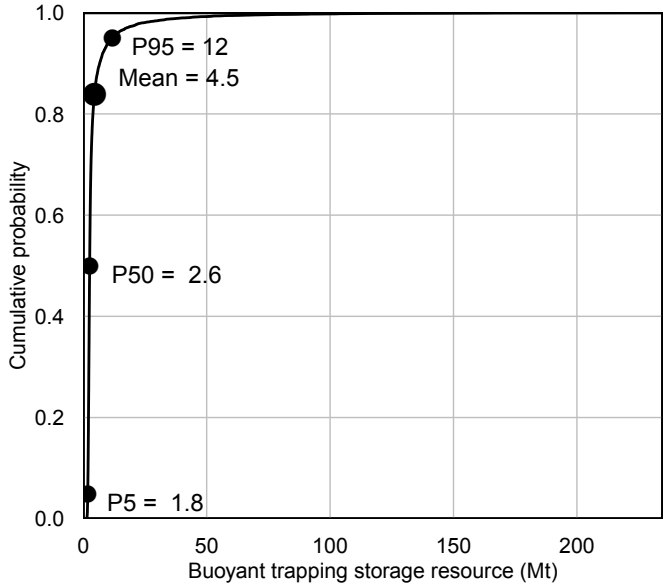


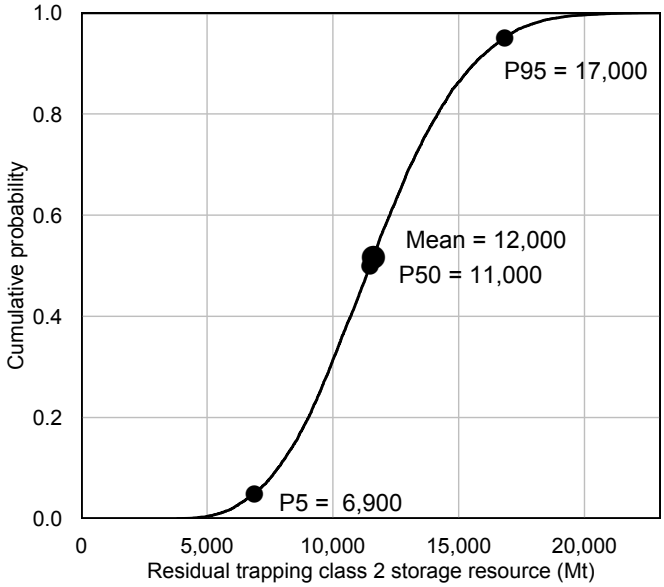


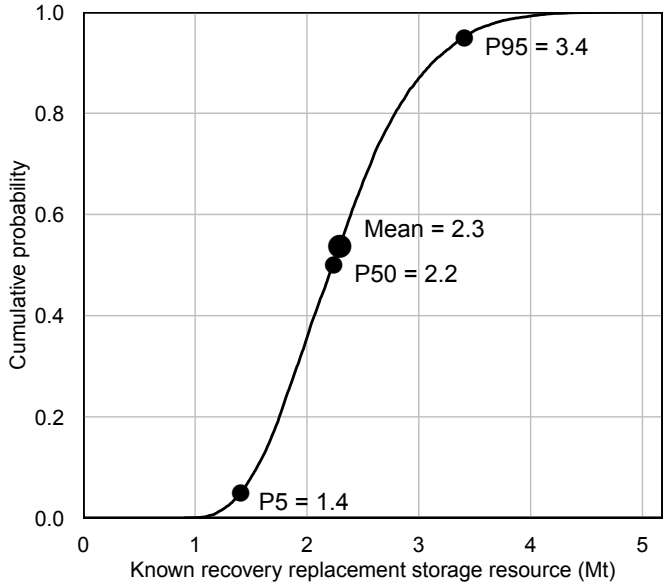
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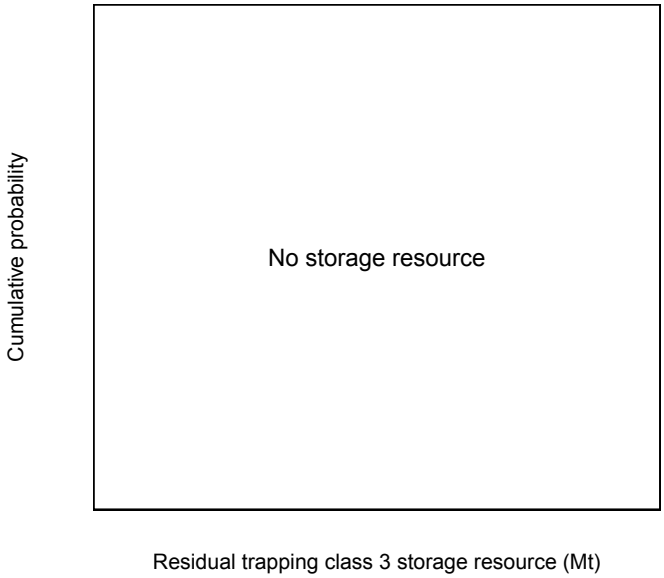




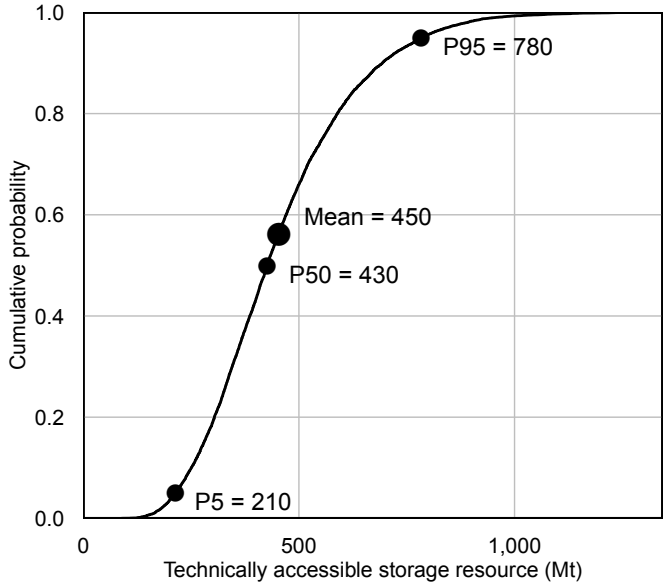


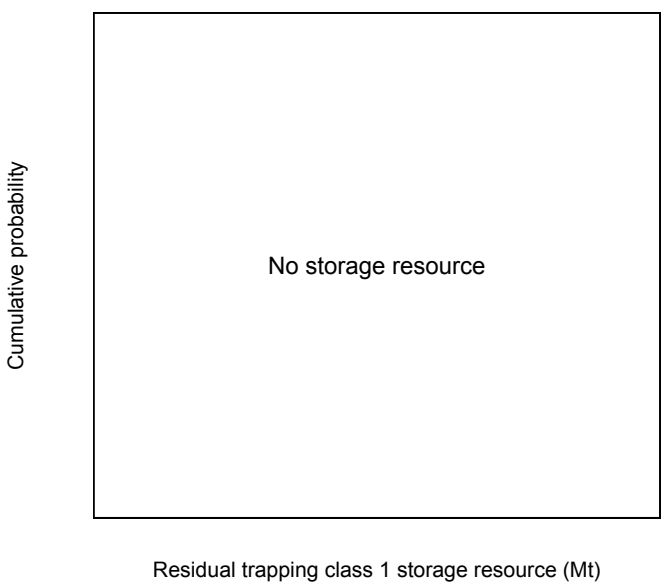


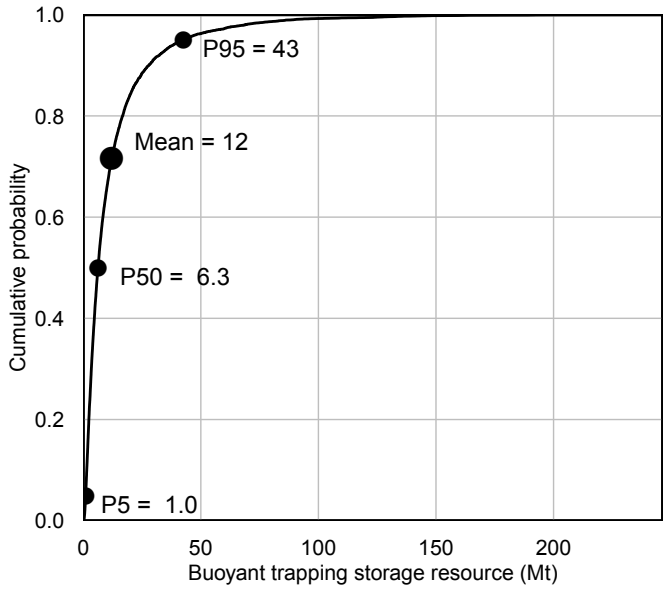


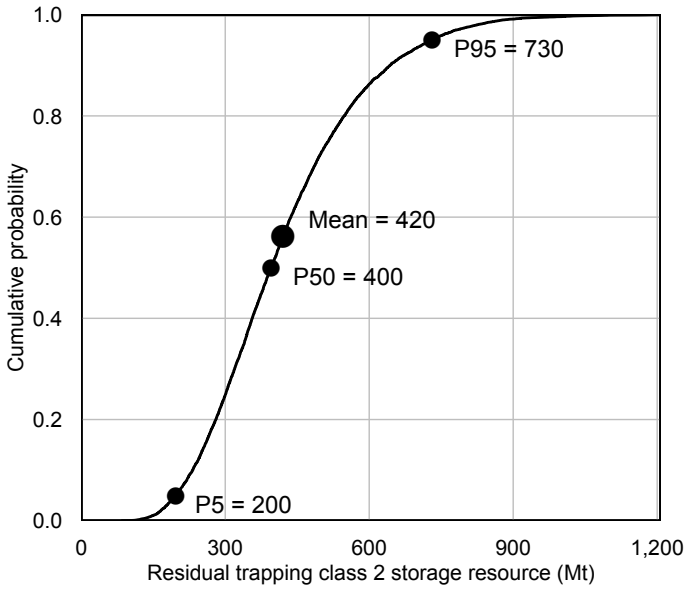


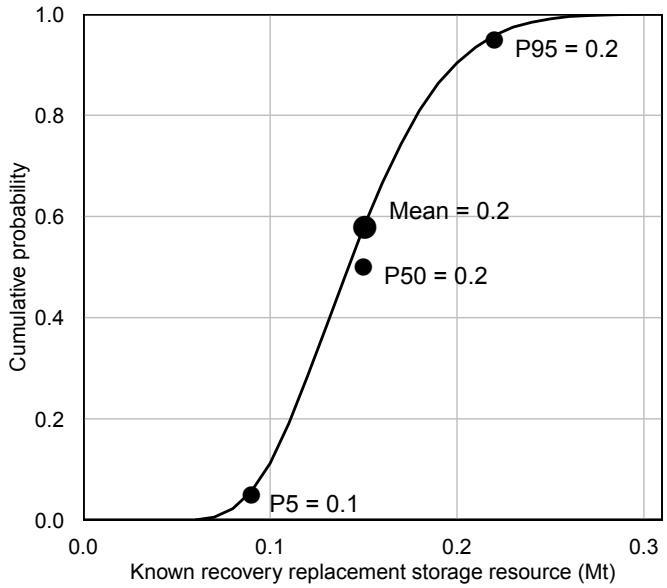
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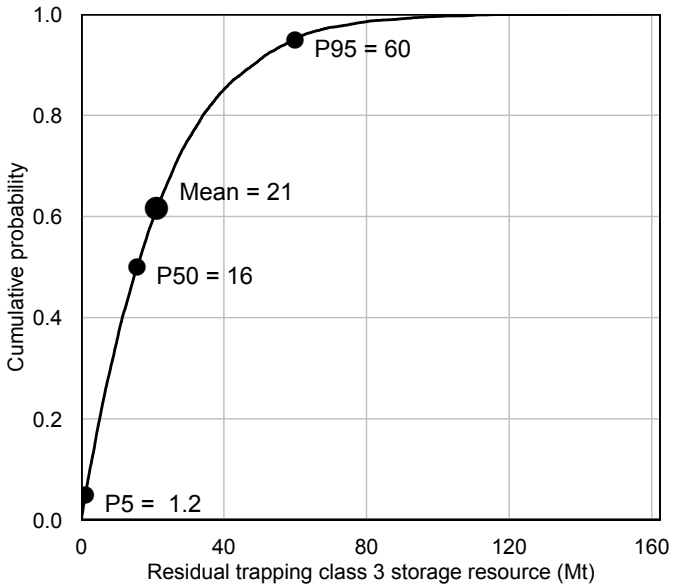




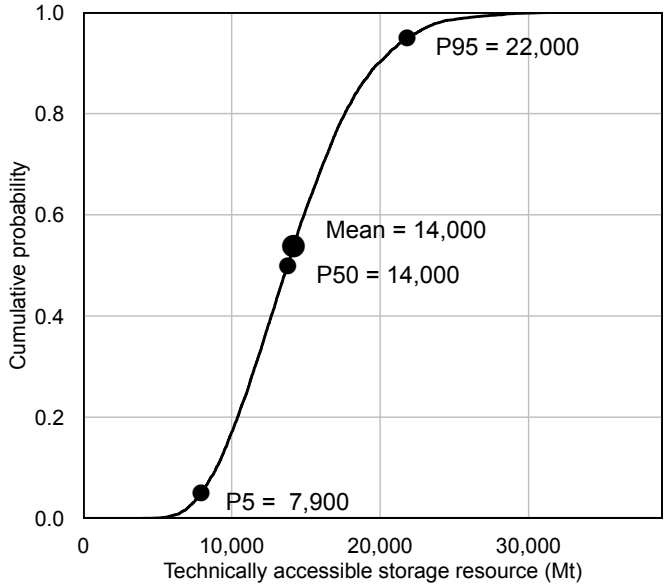


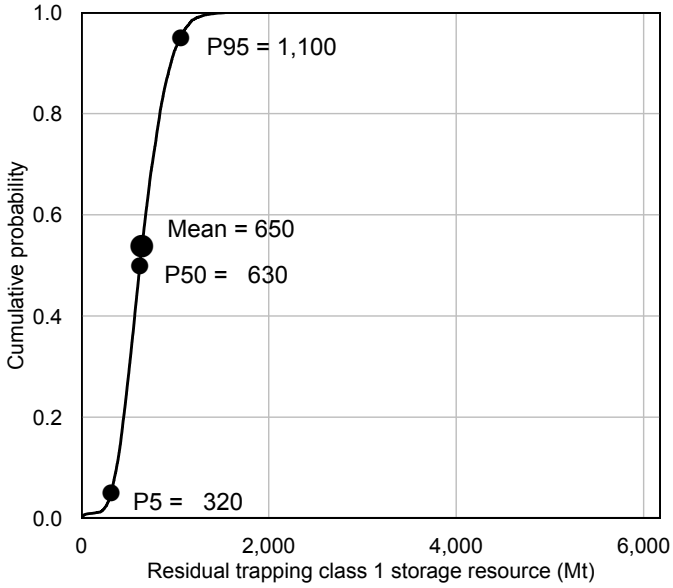


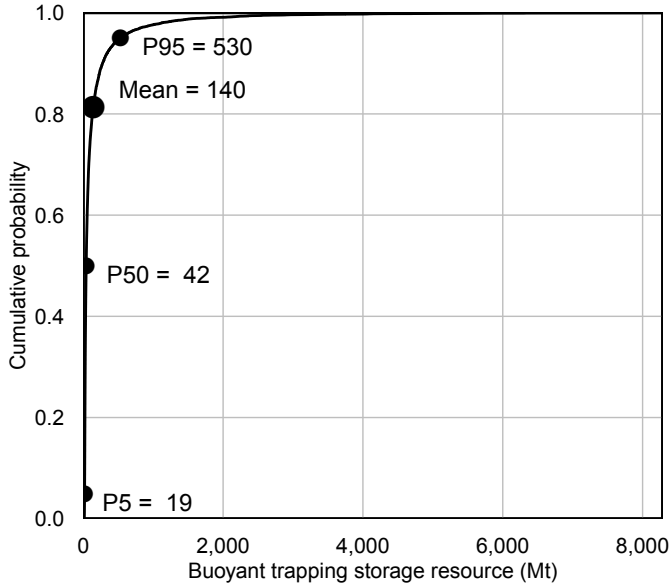


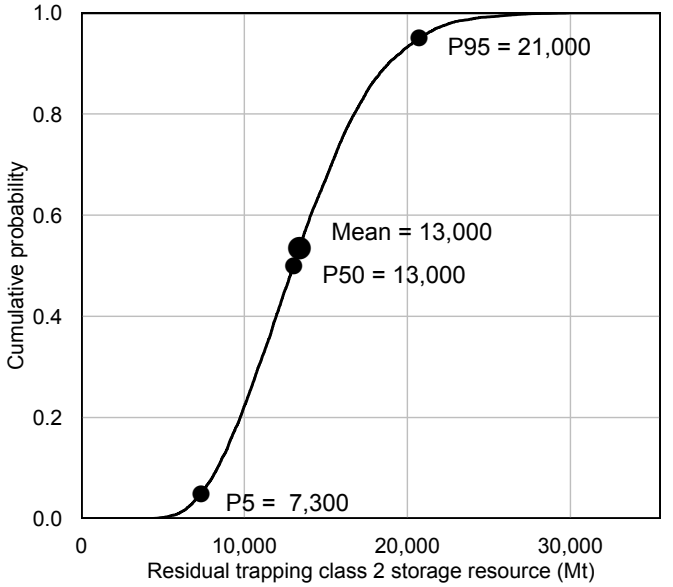


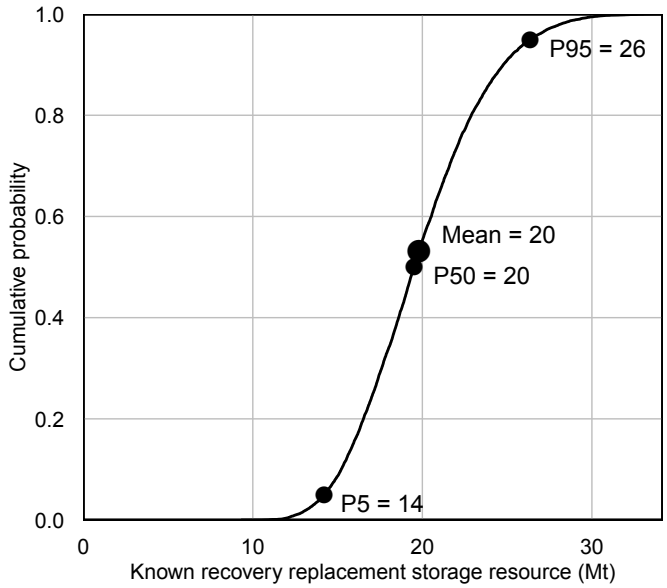
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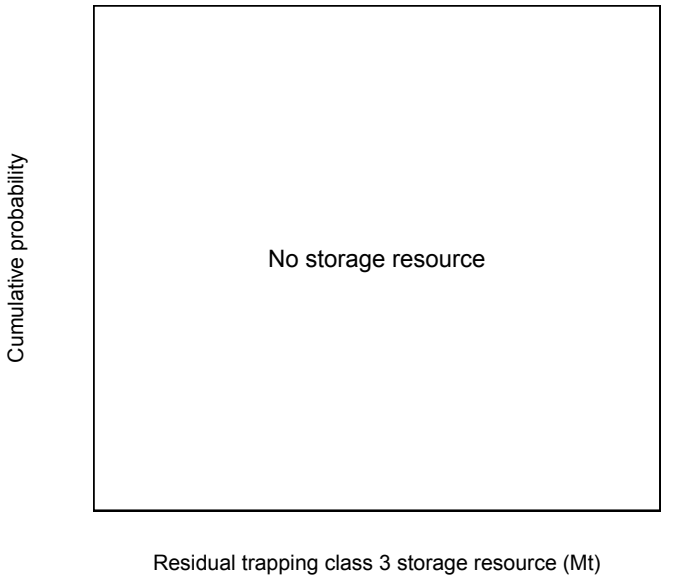




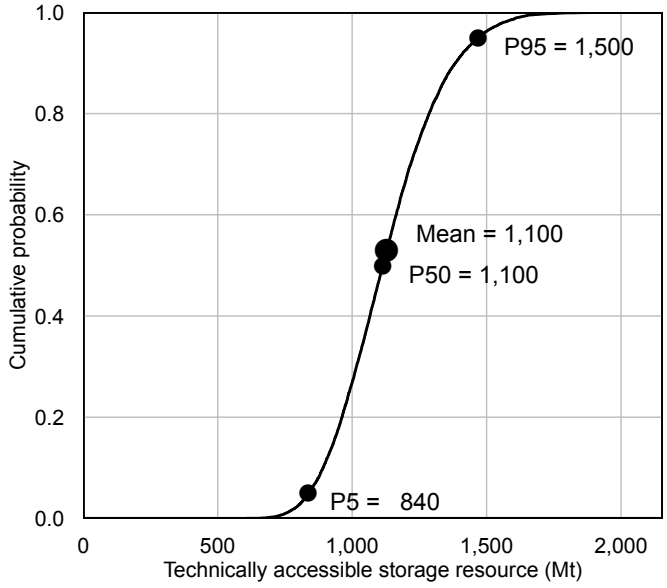


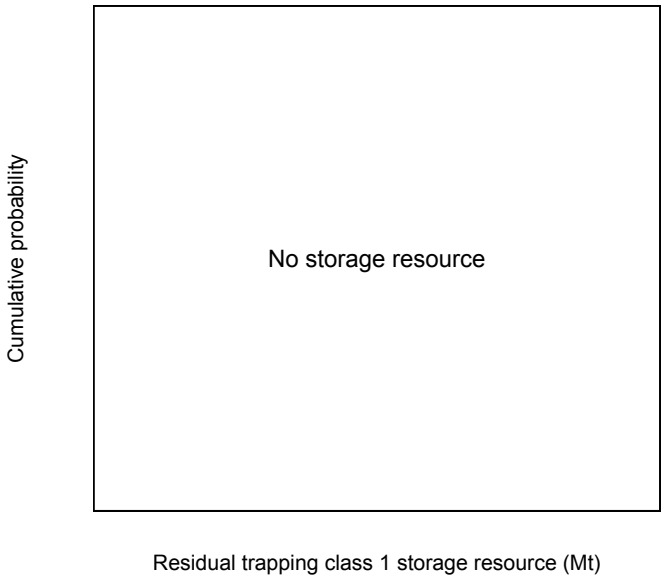


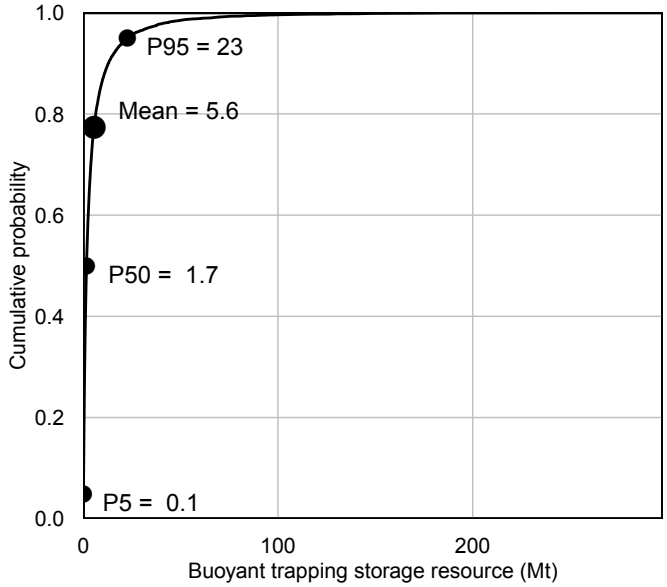


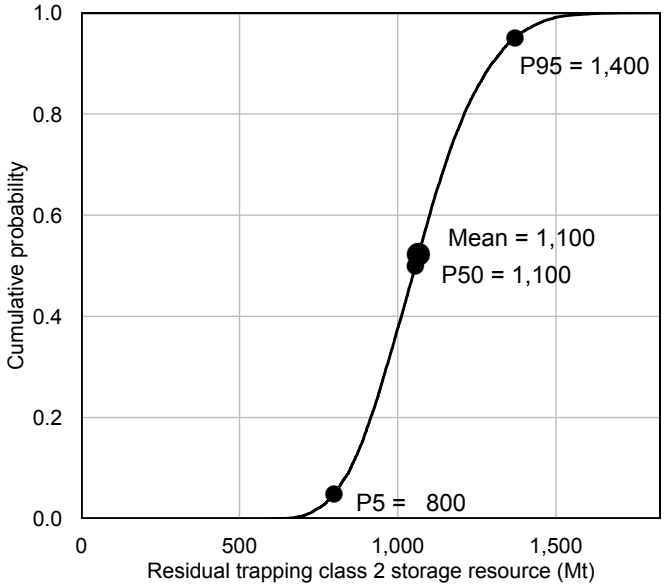


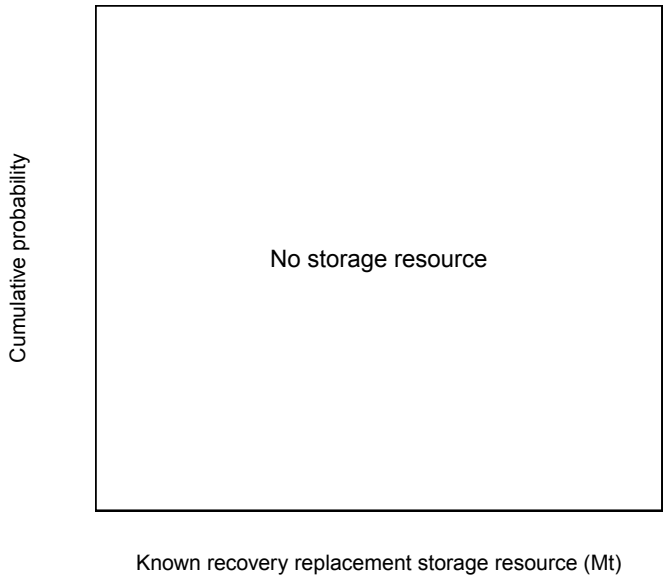
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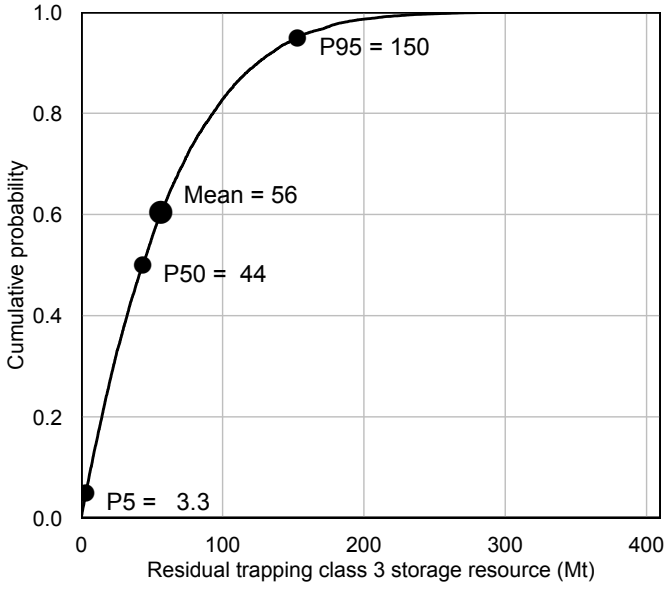




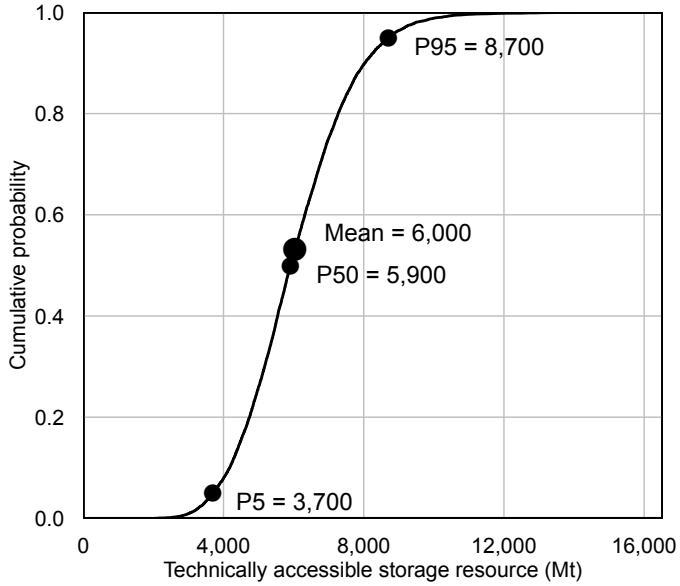


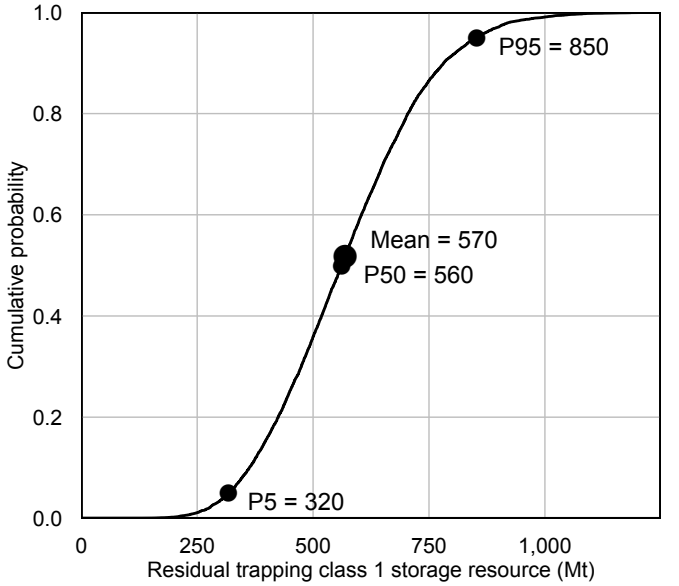


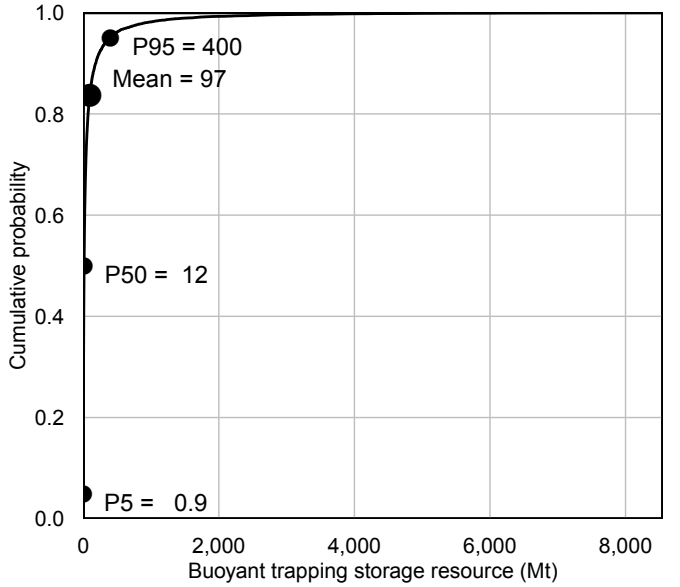


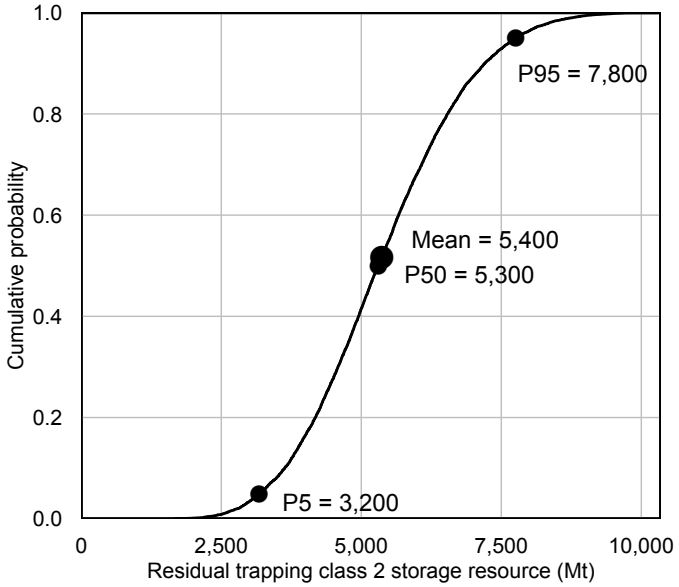


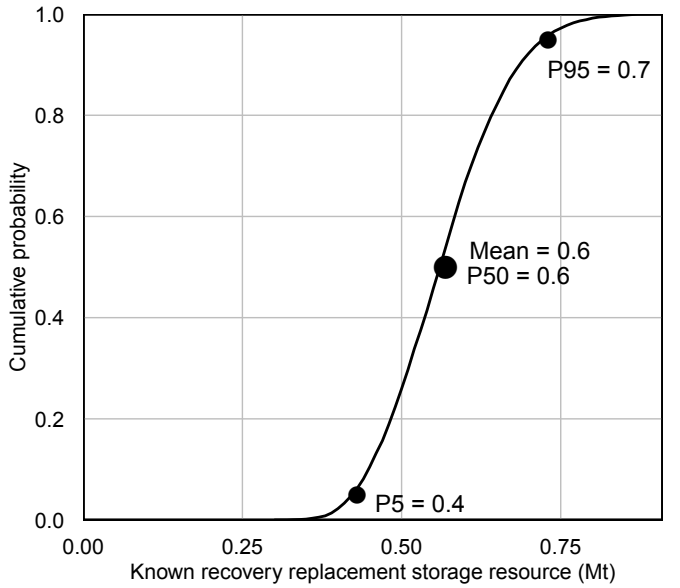
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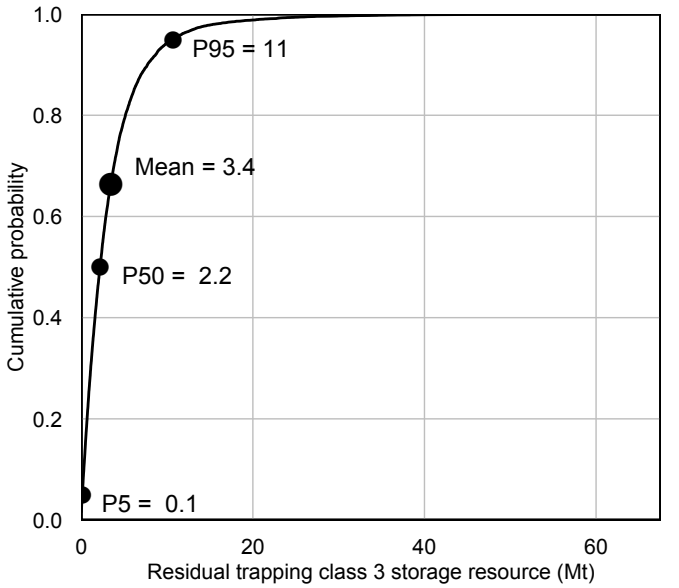




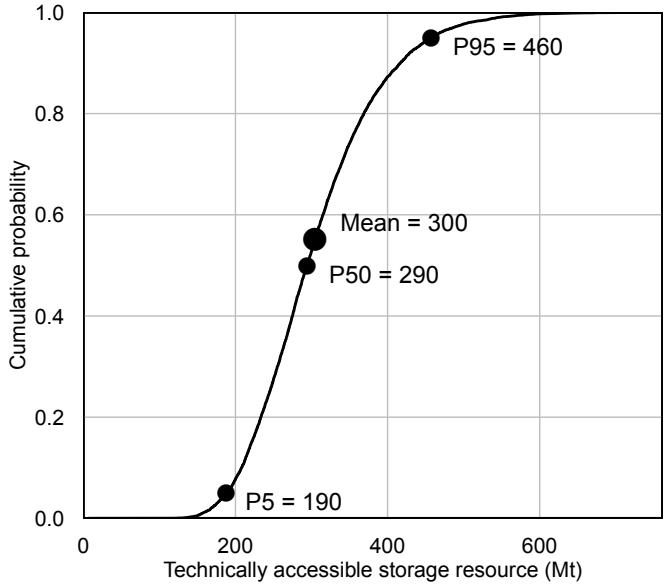


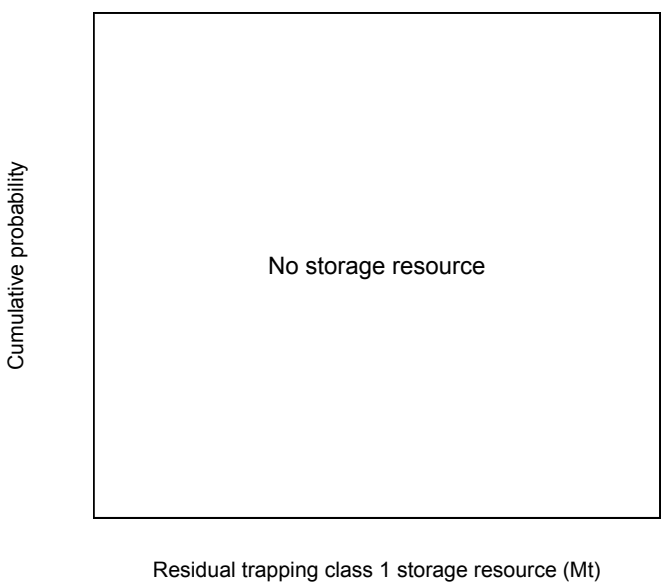


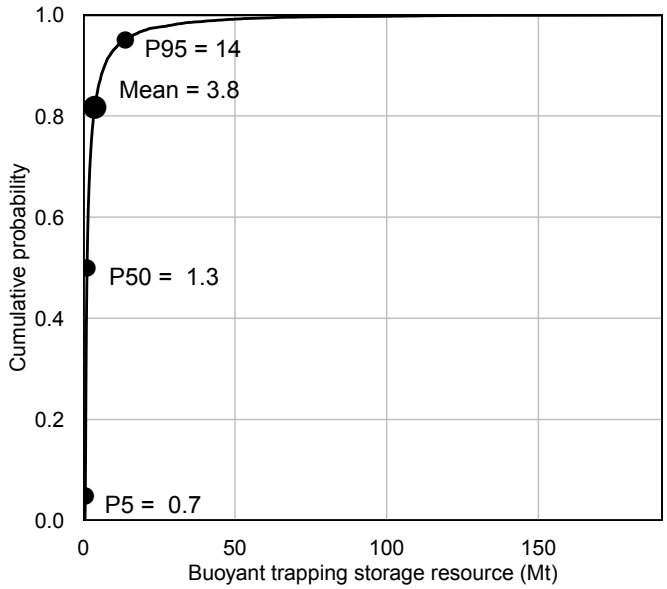


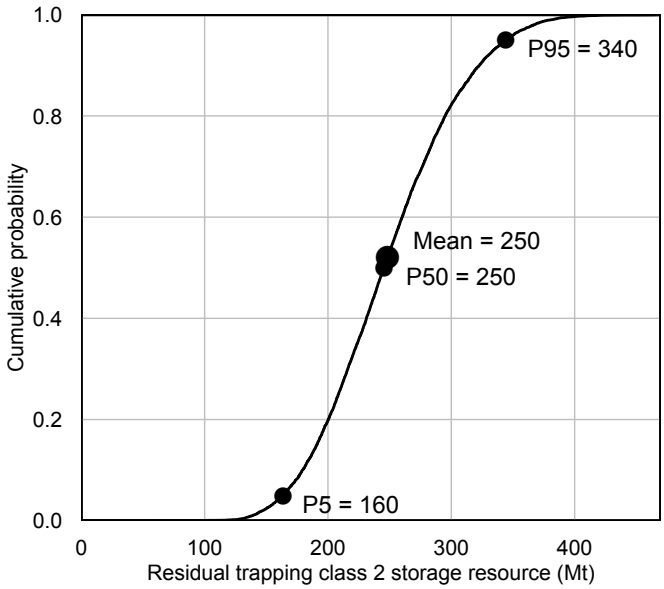


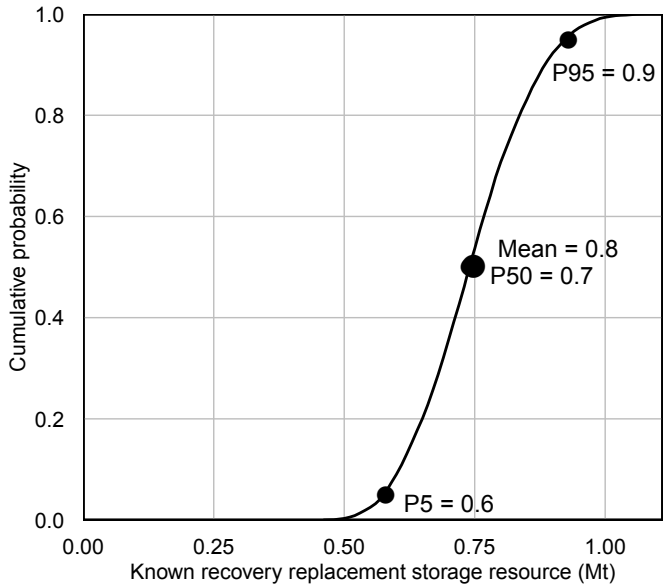
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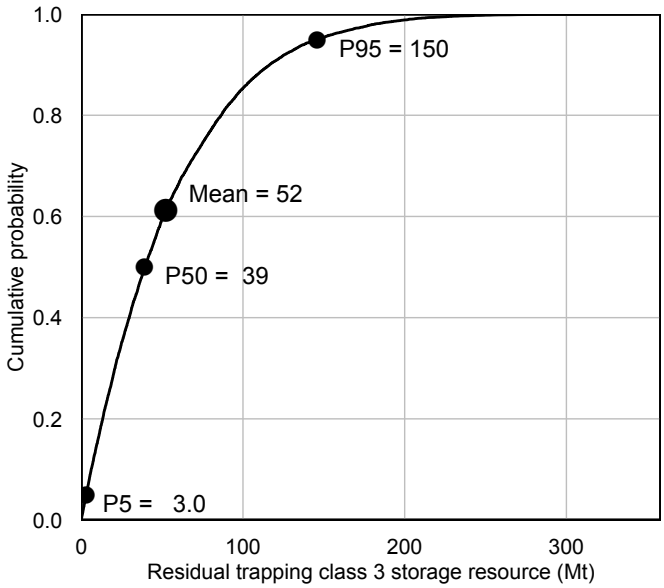




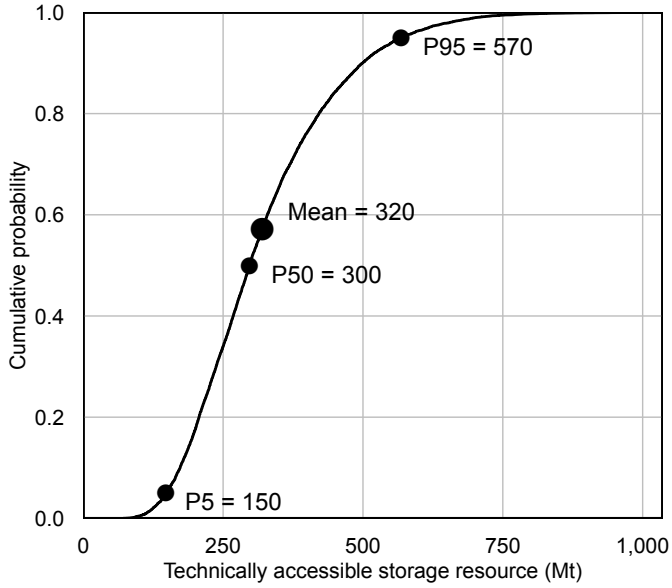


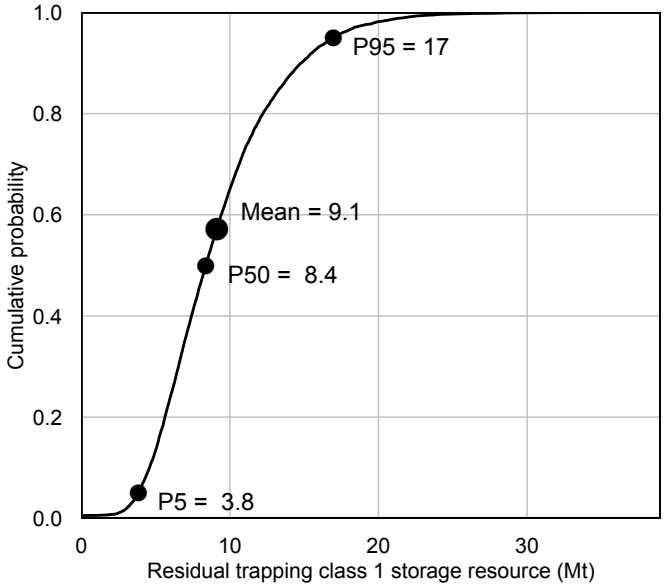


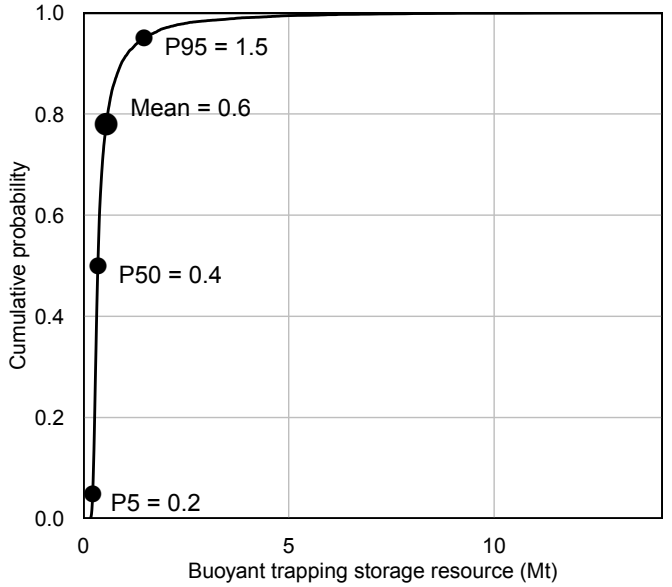


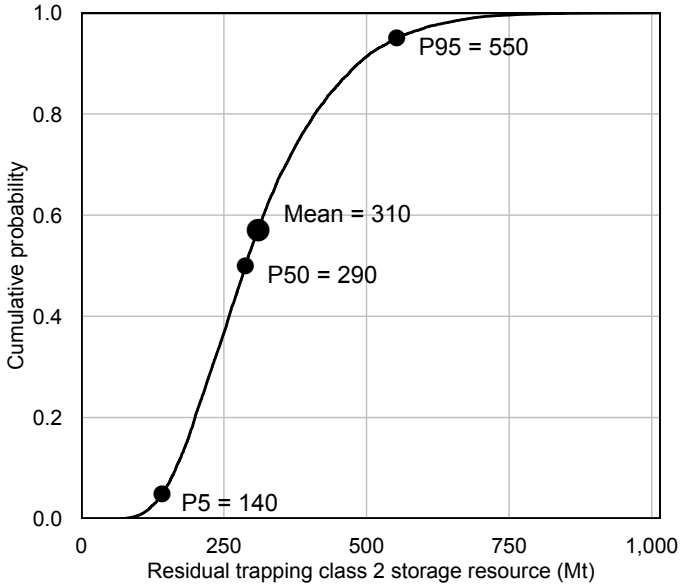


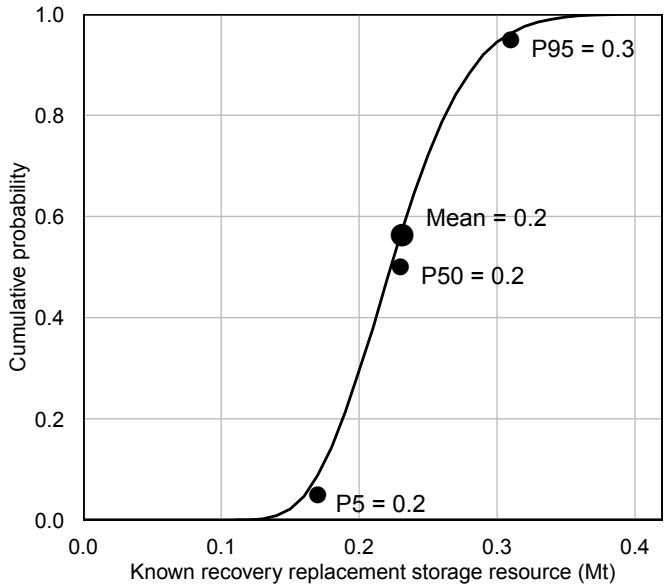
San Juan Basin C50220101

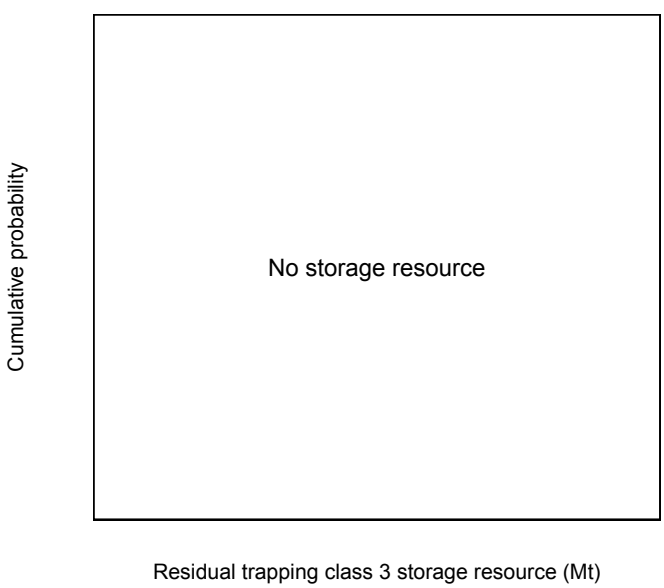




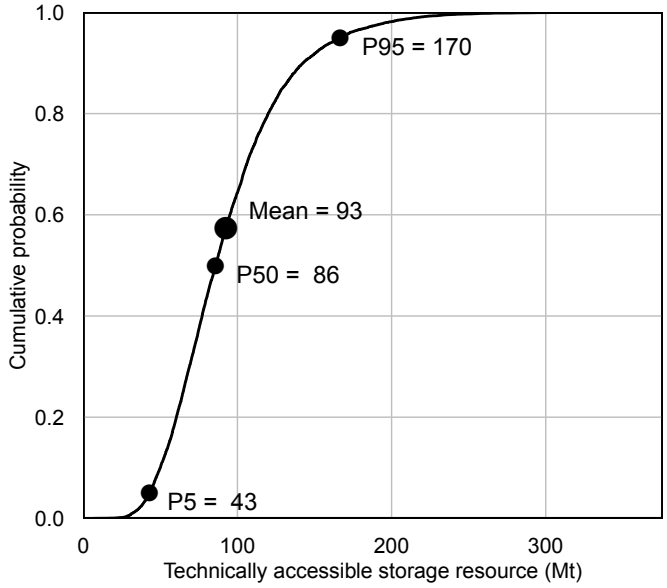


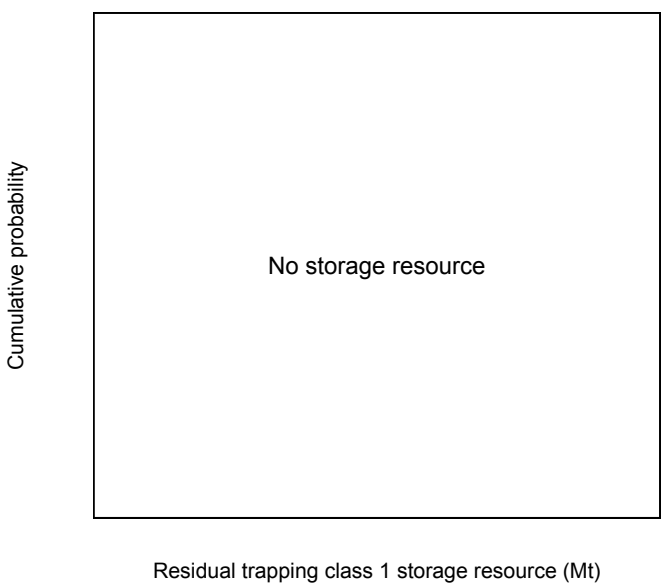


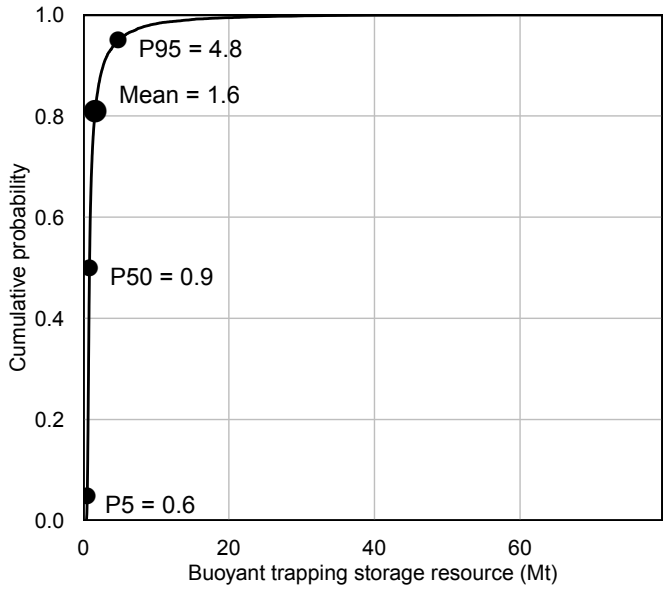


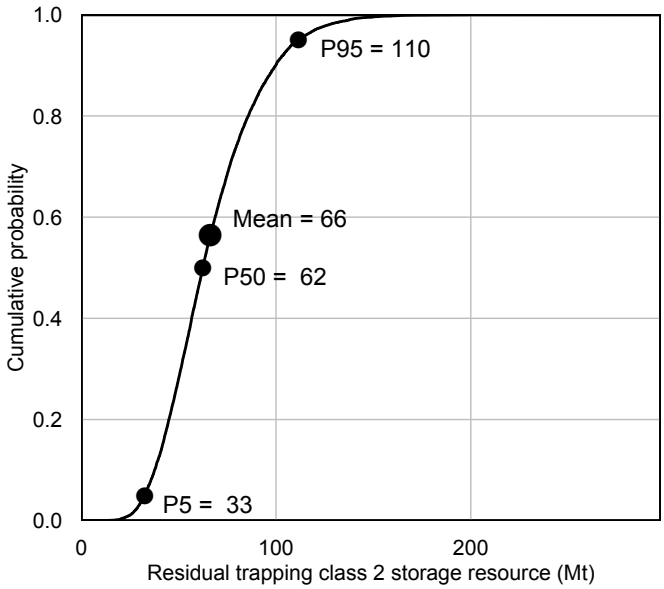


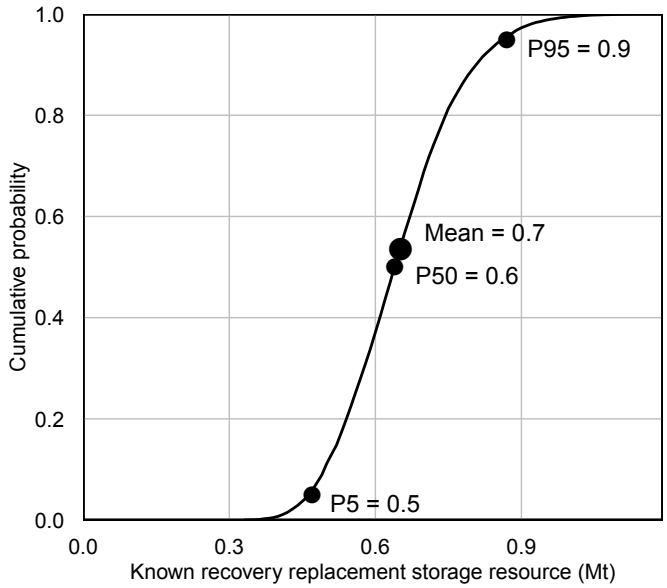
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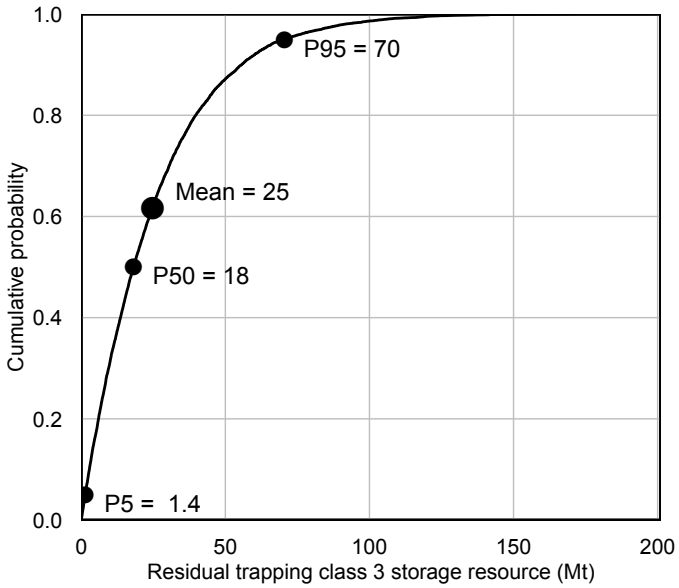




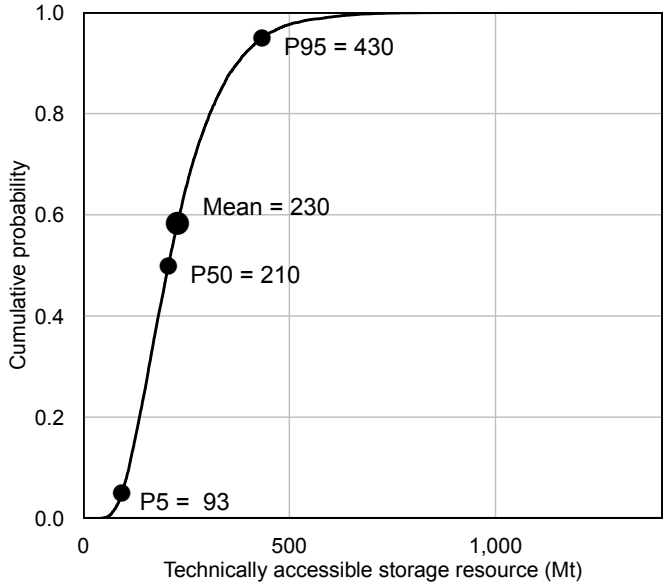


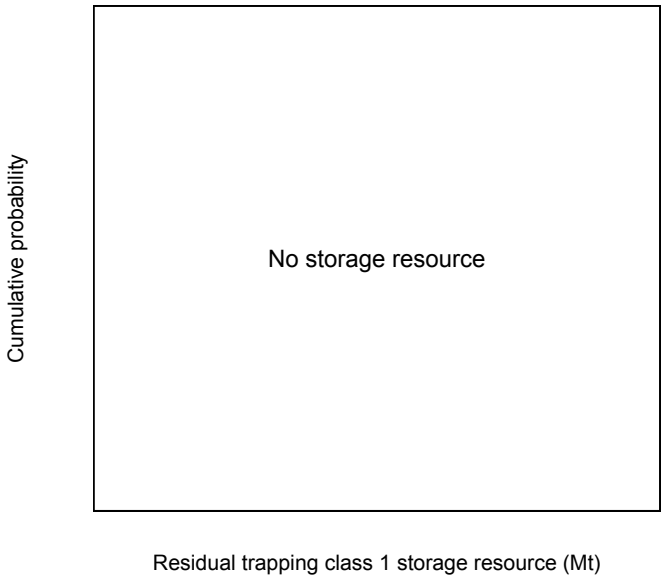


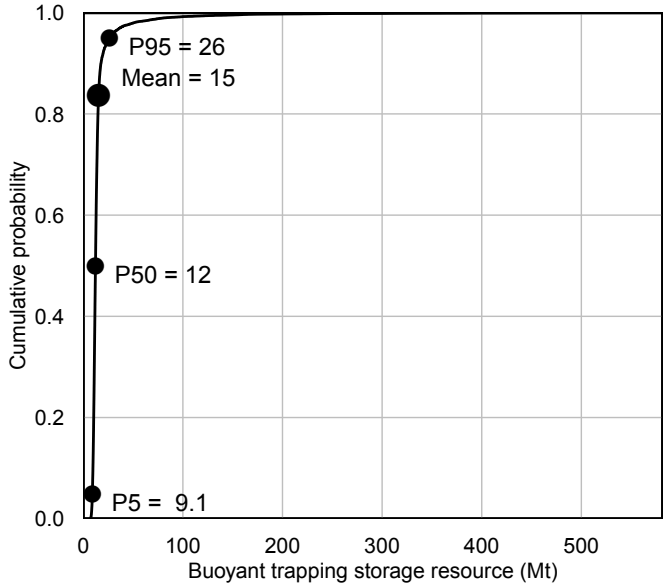


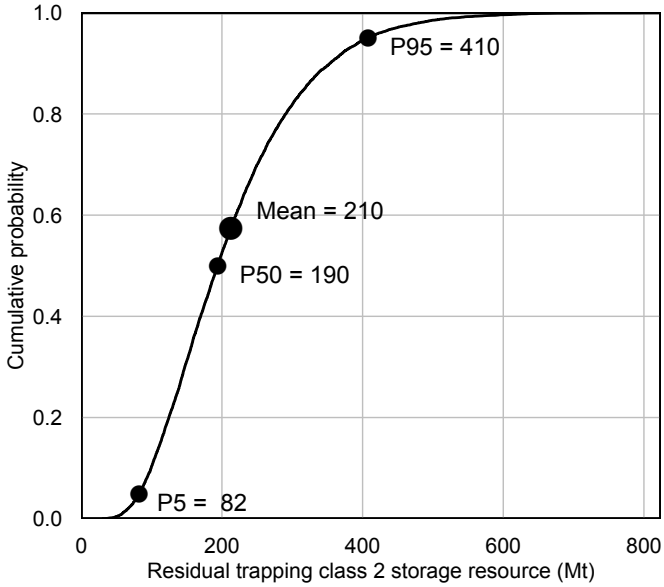


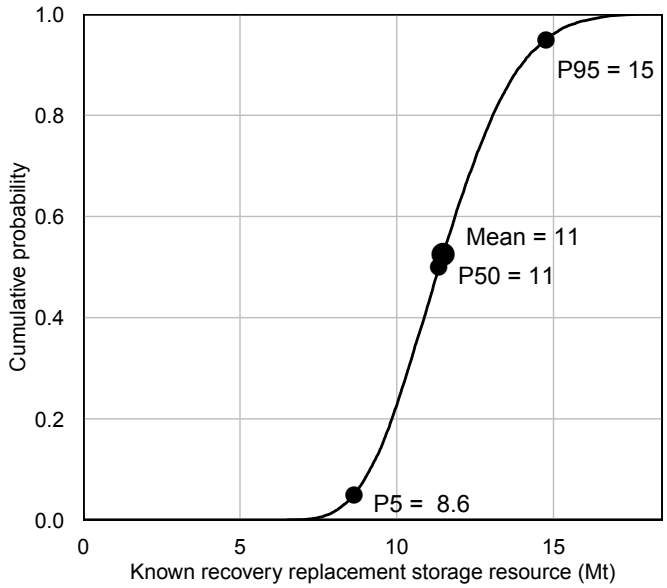
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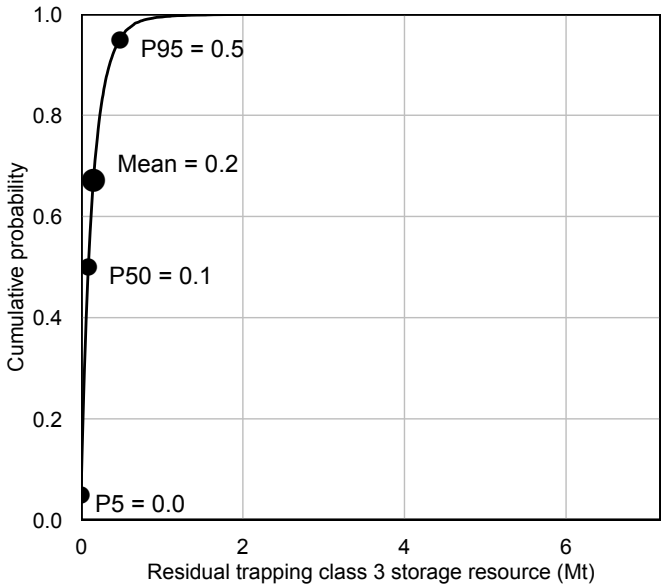




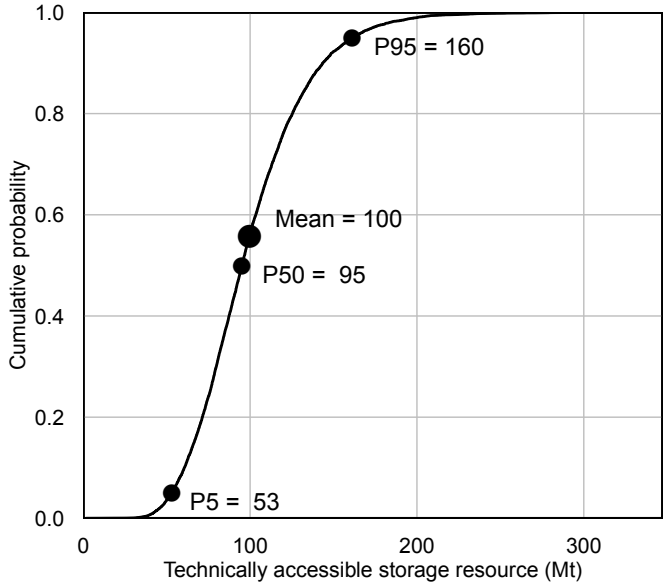


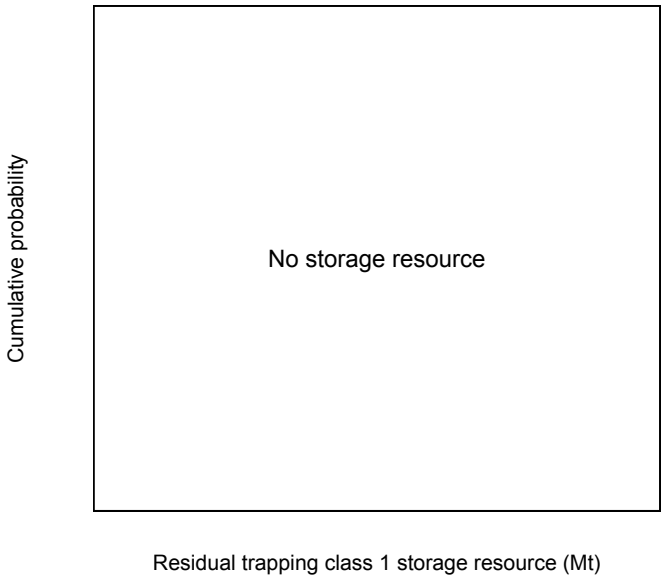


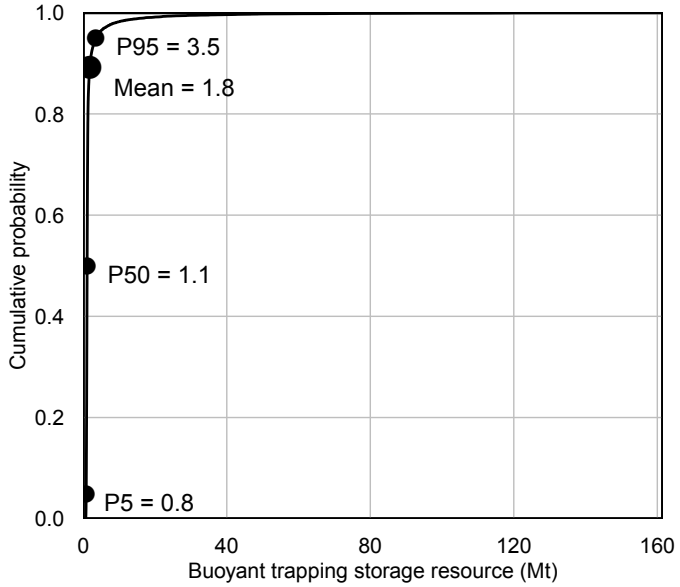


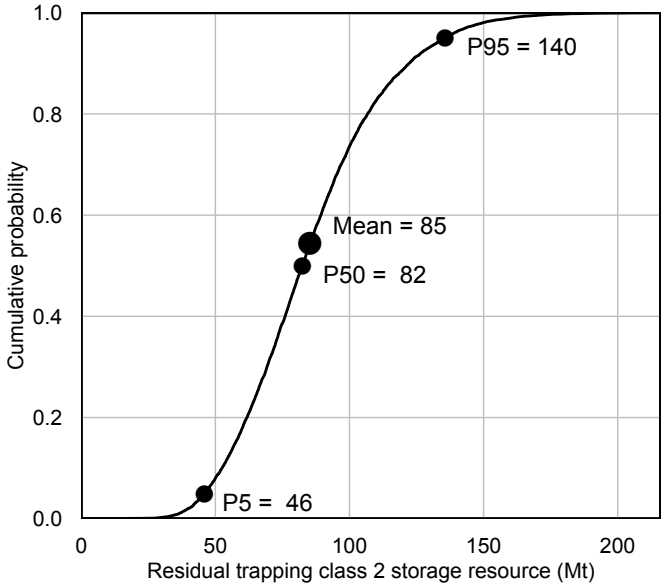


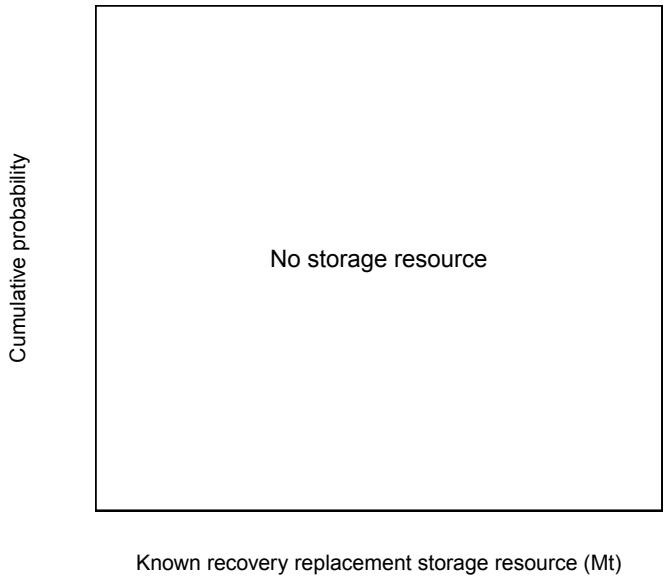
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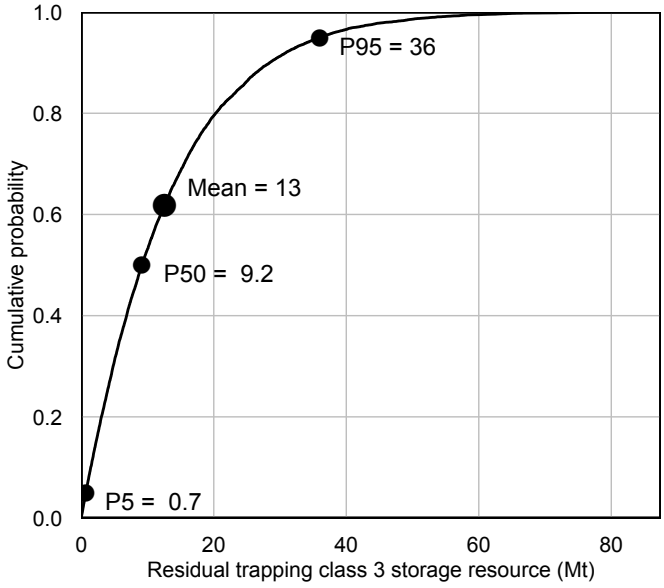




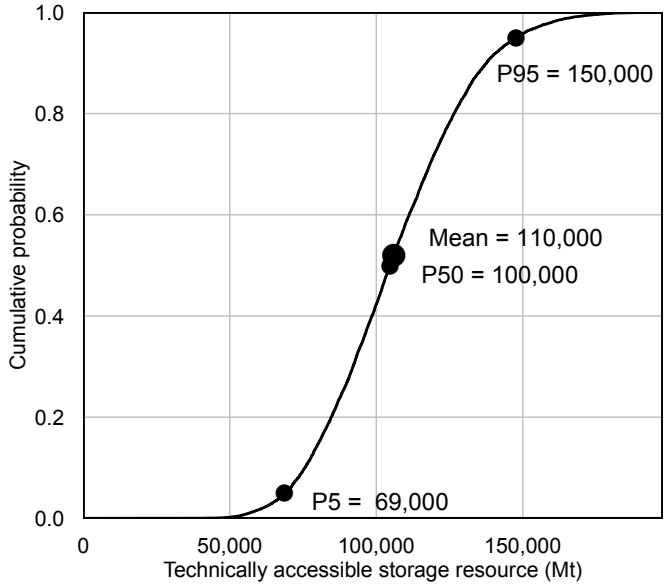


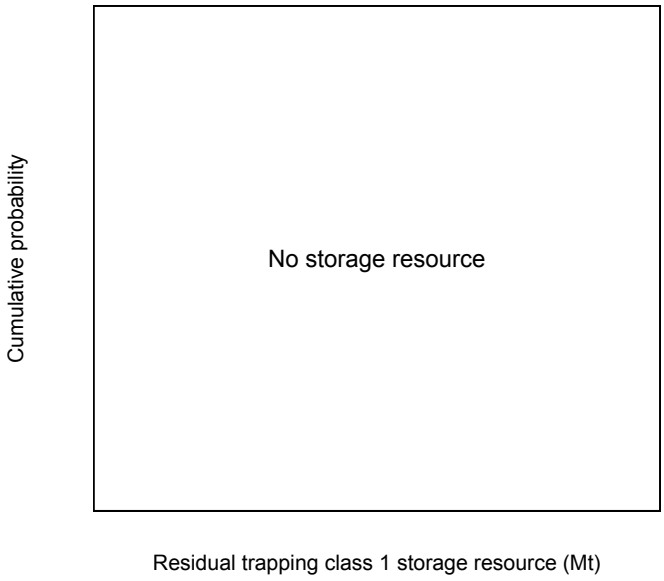


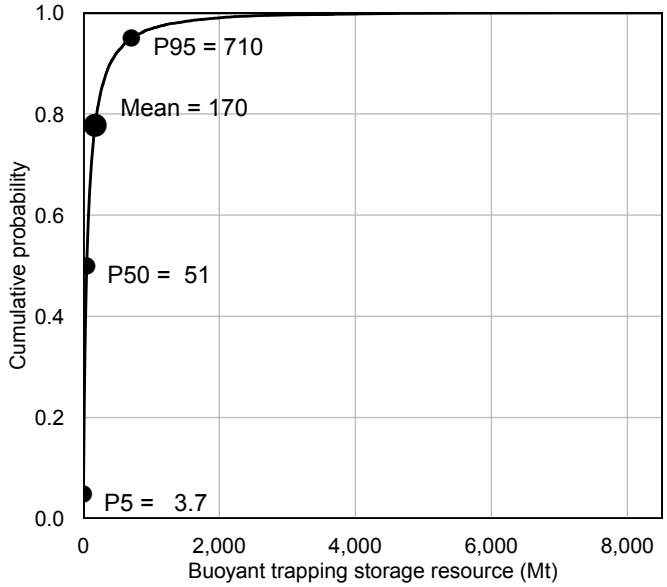


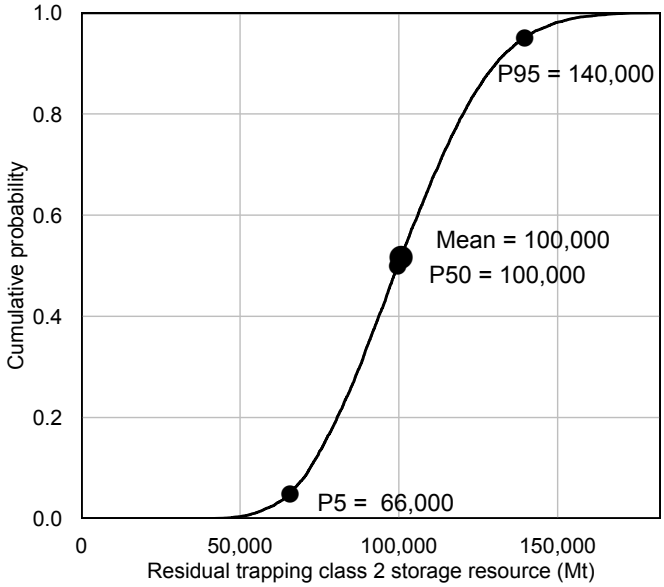


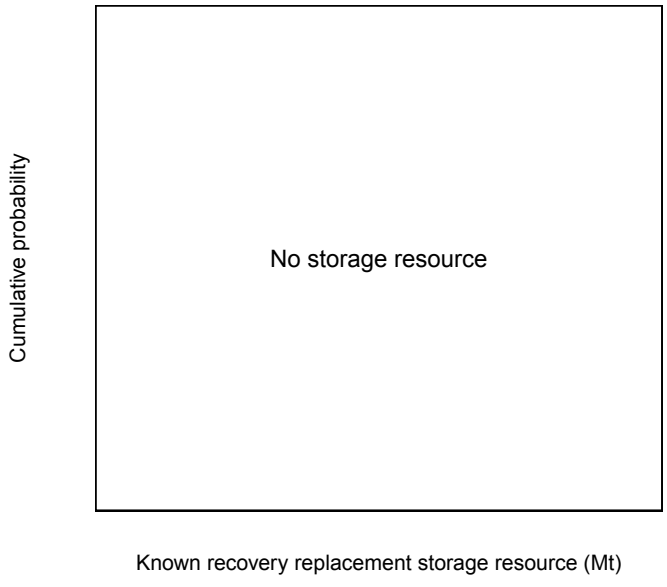
South Florida Basin C50500101

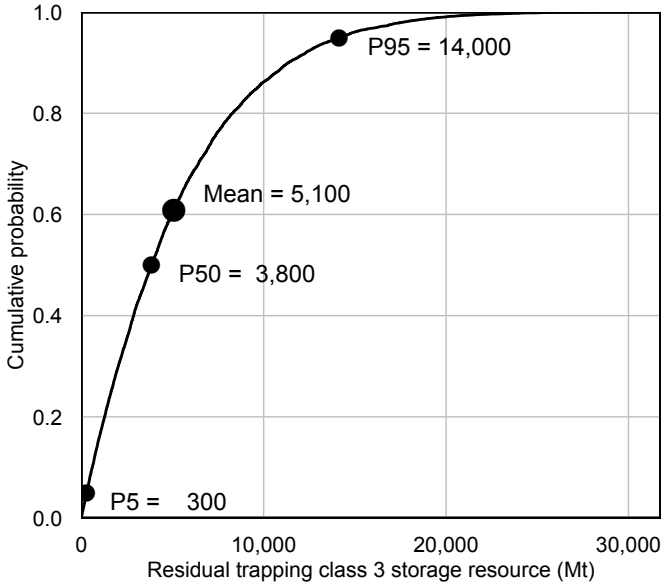




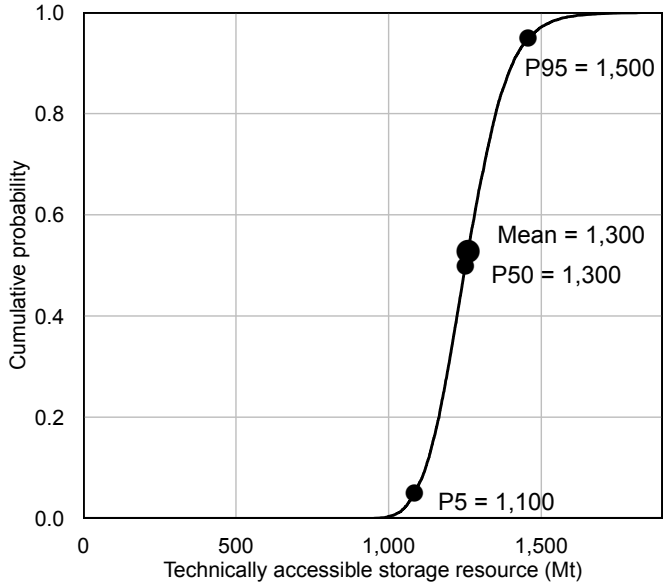


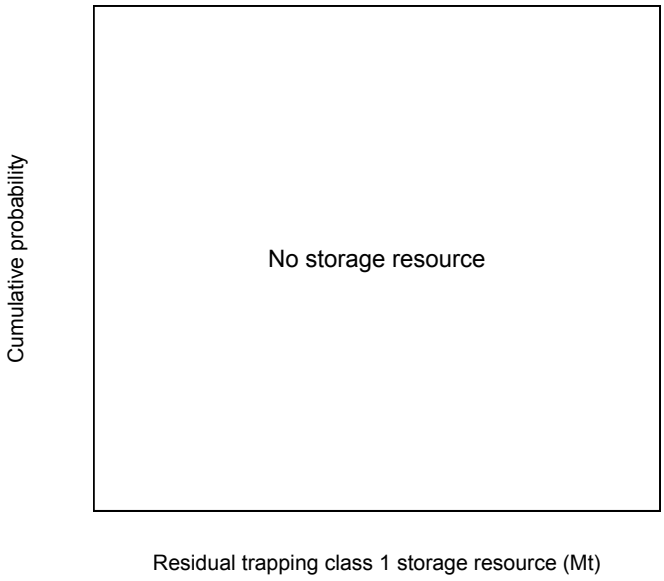


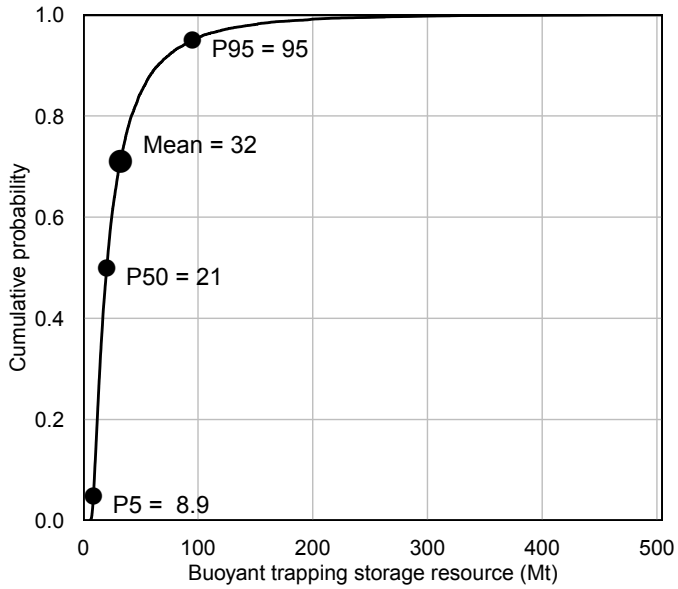


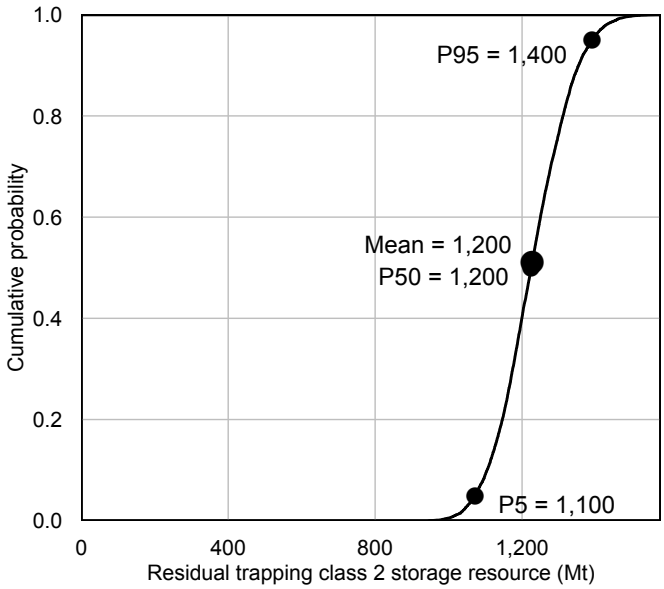


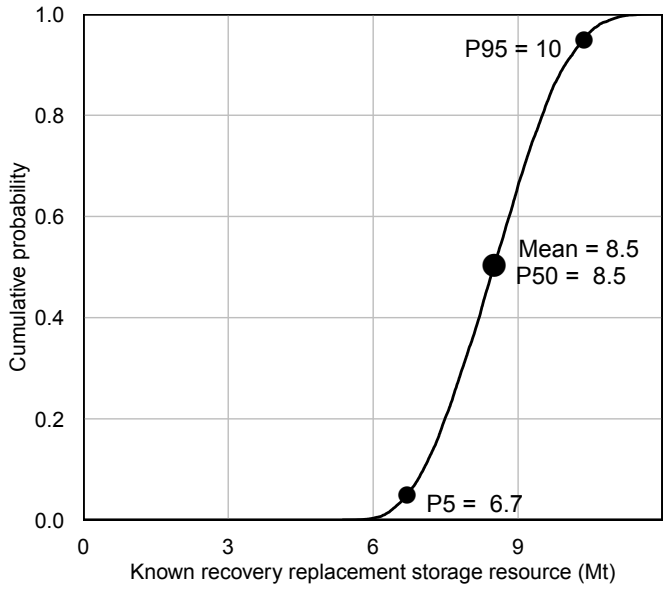
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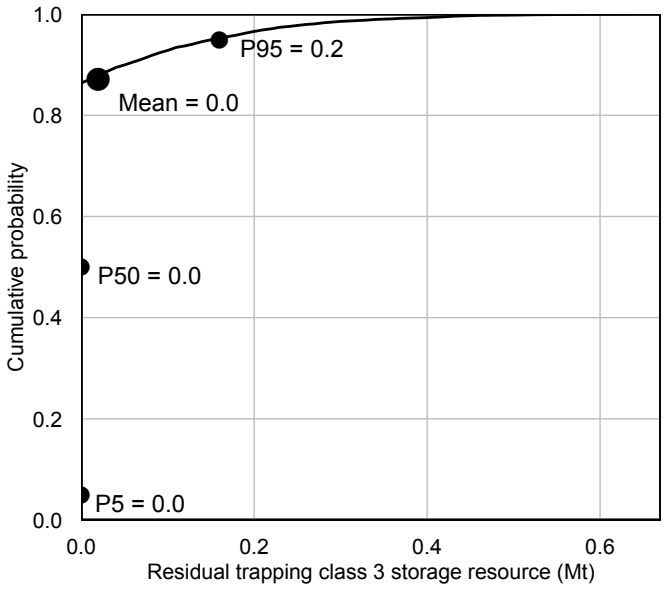




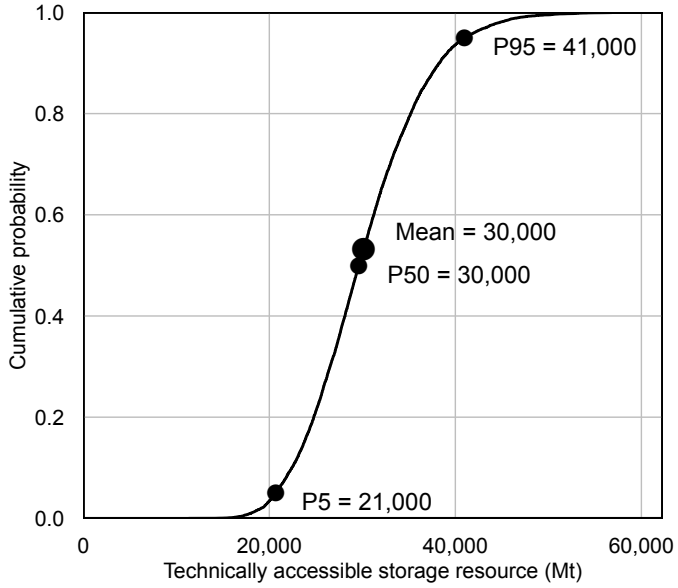


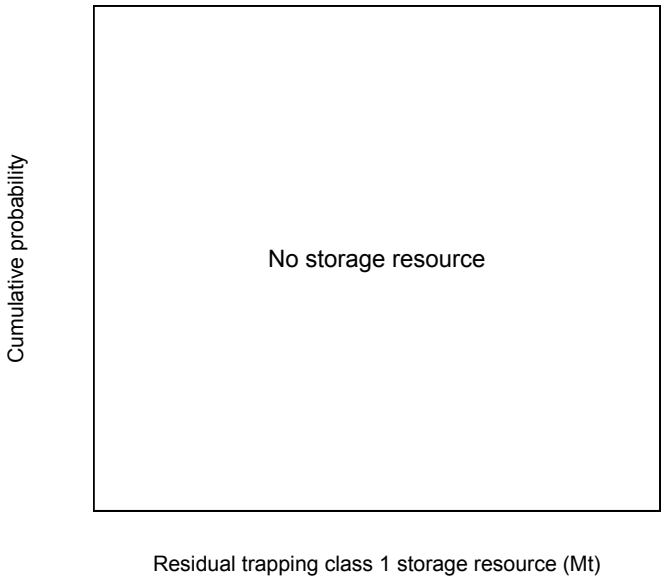


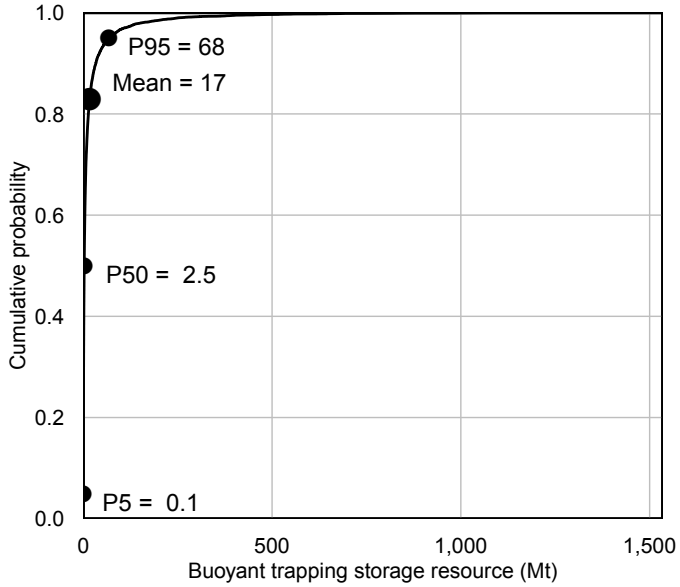


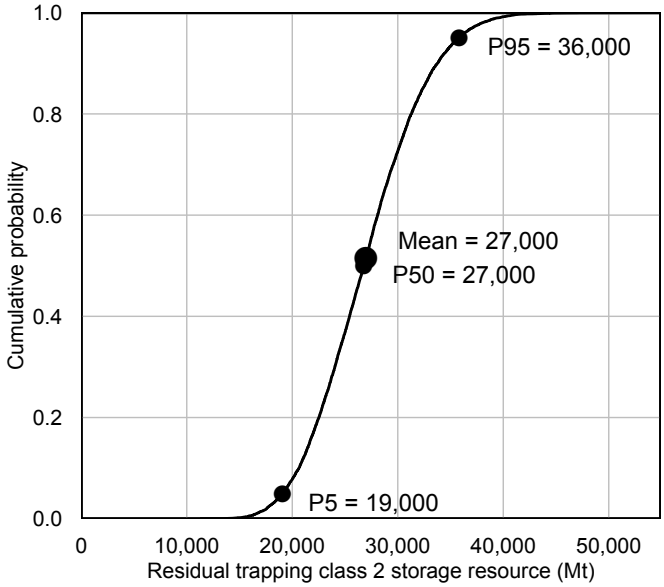


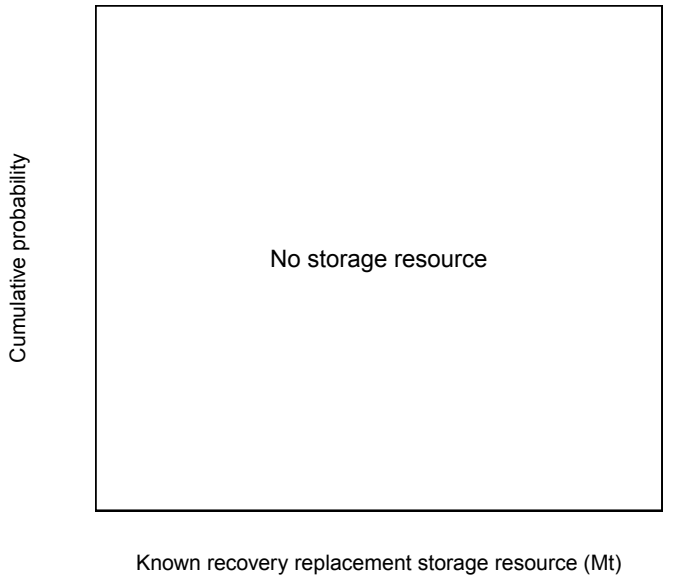
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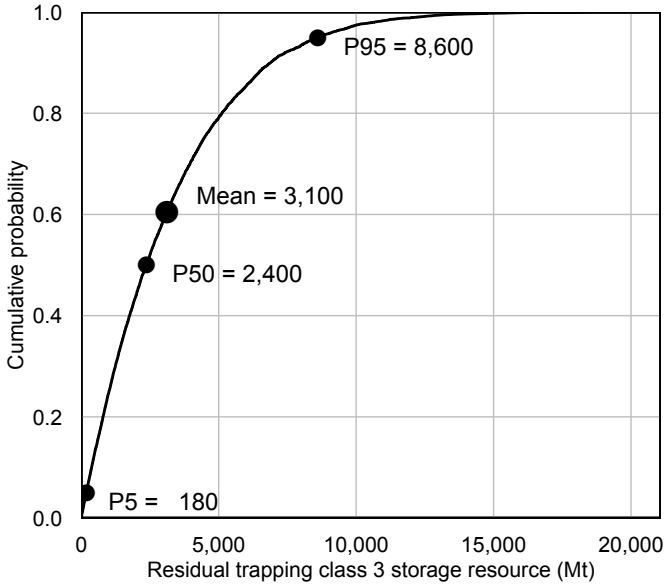




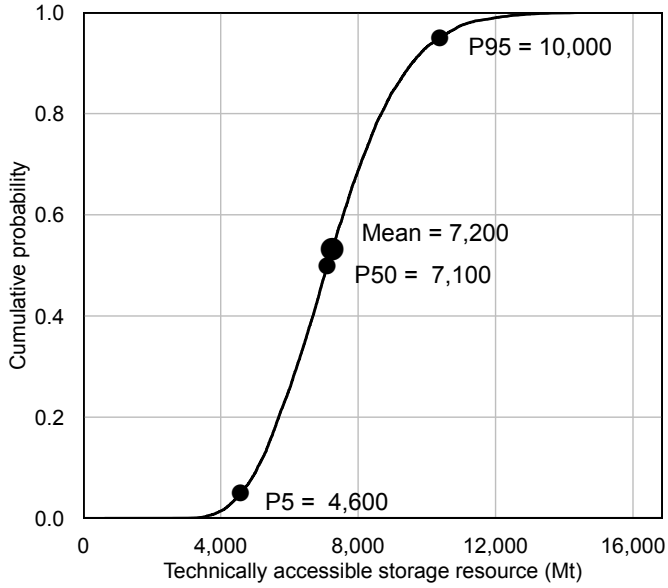


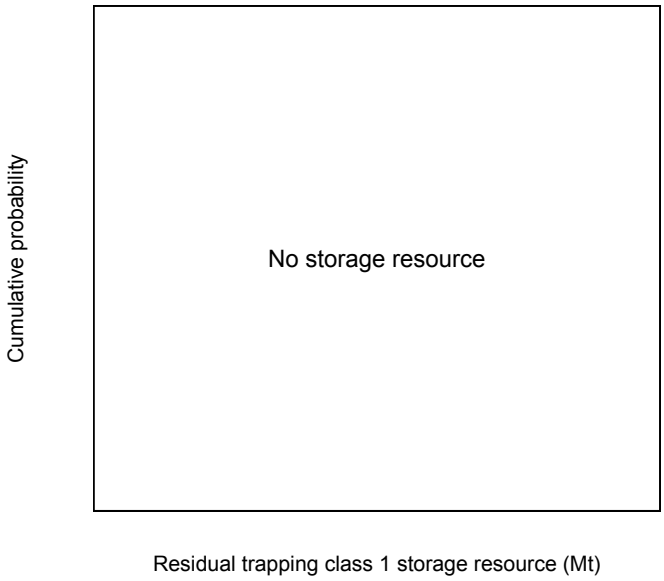


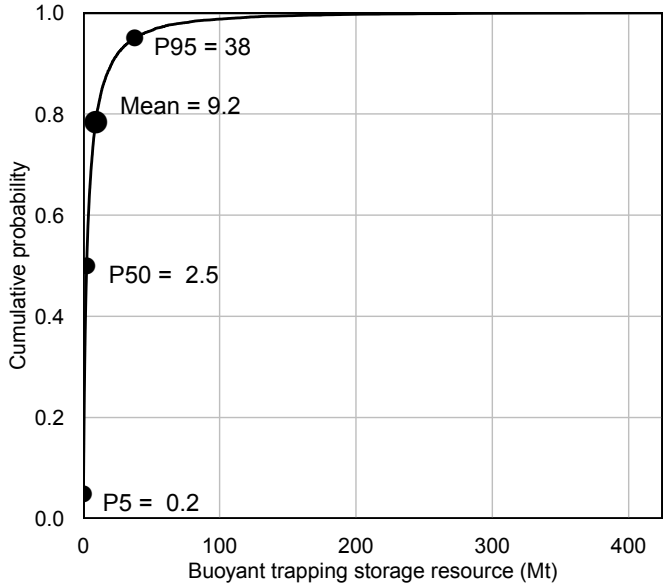


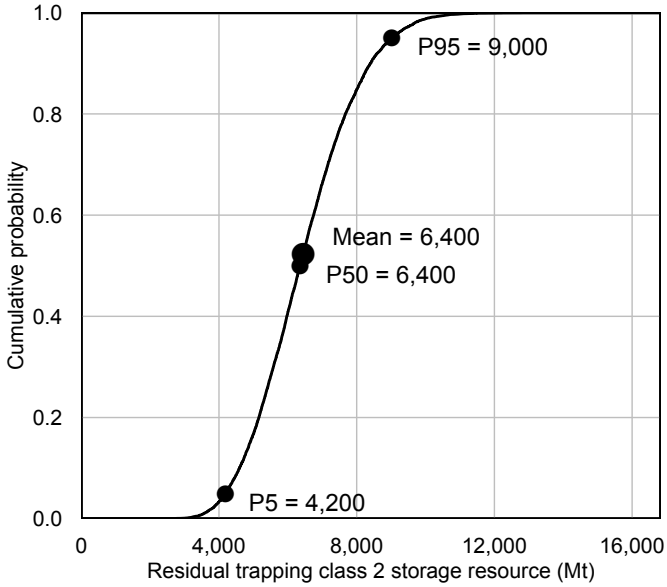


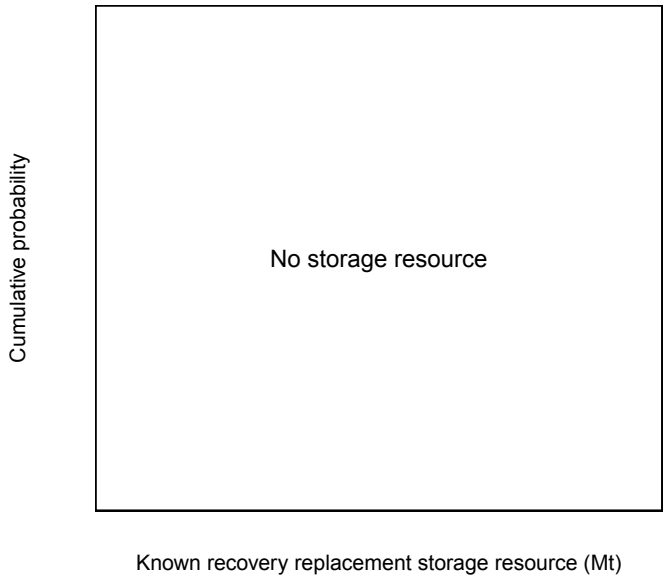
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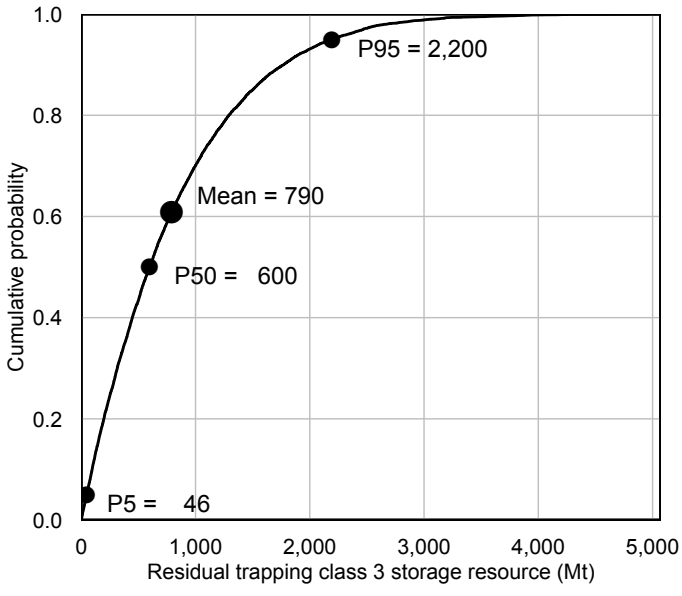




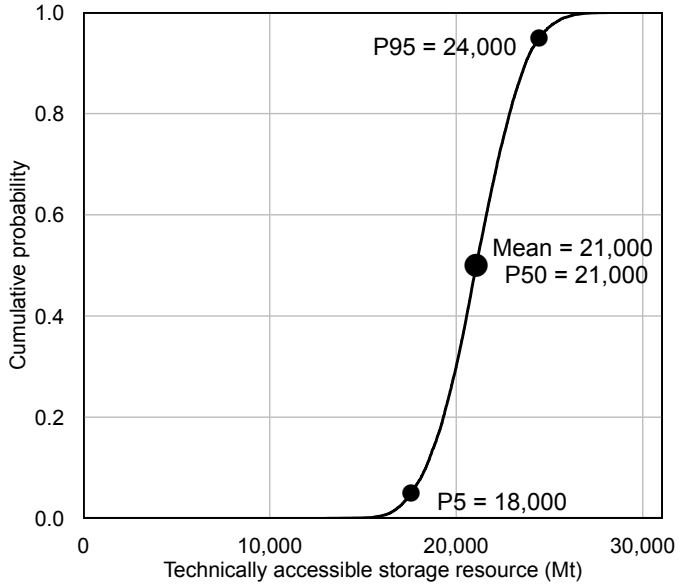


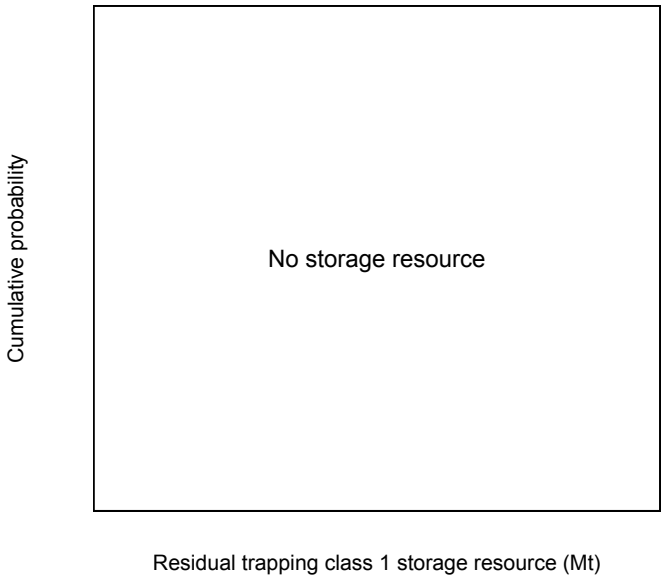


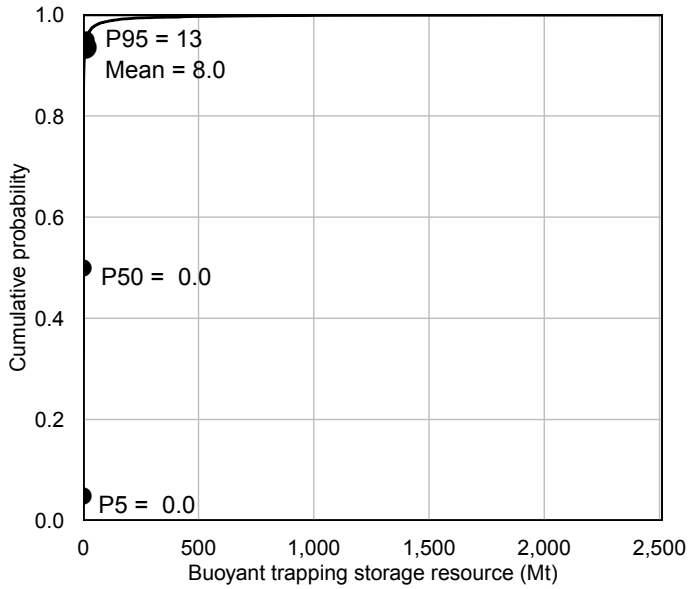


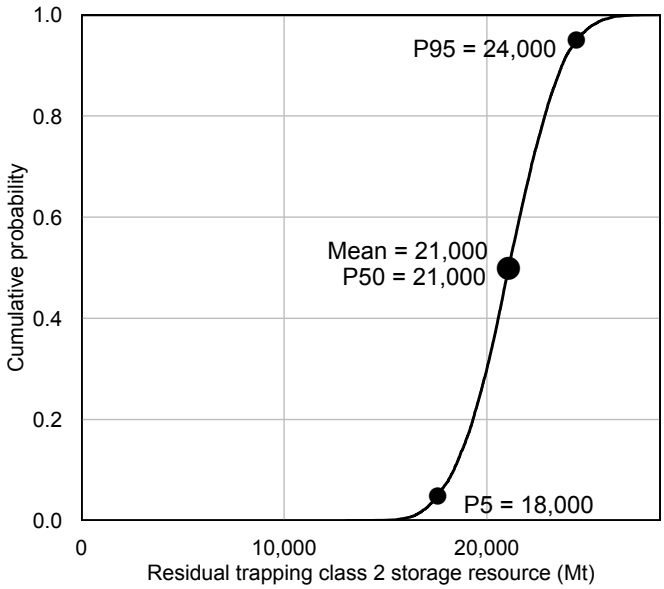


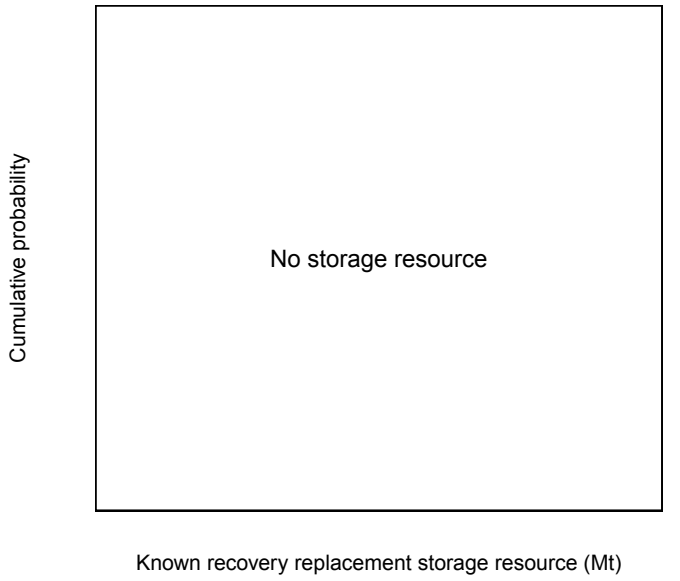
South Florida Basin C50500105

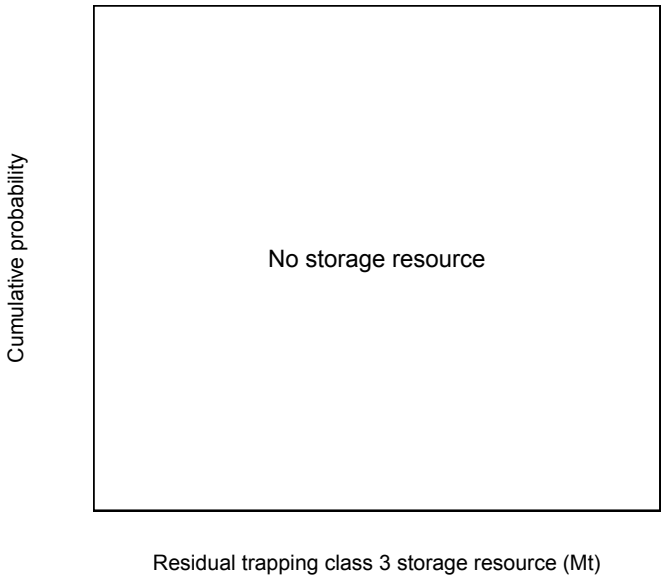




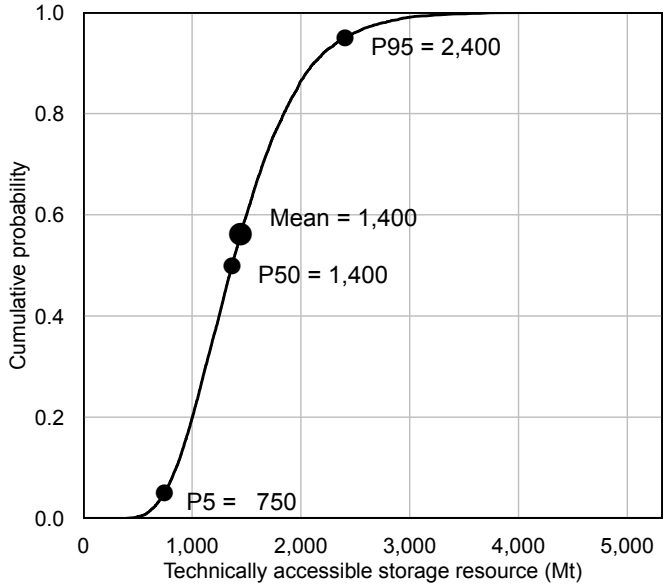


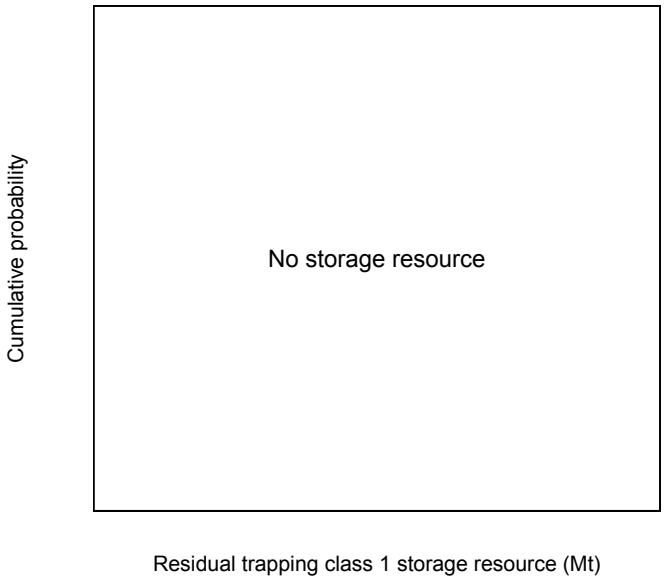


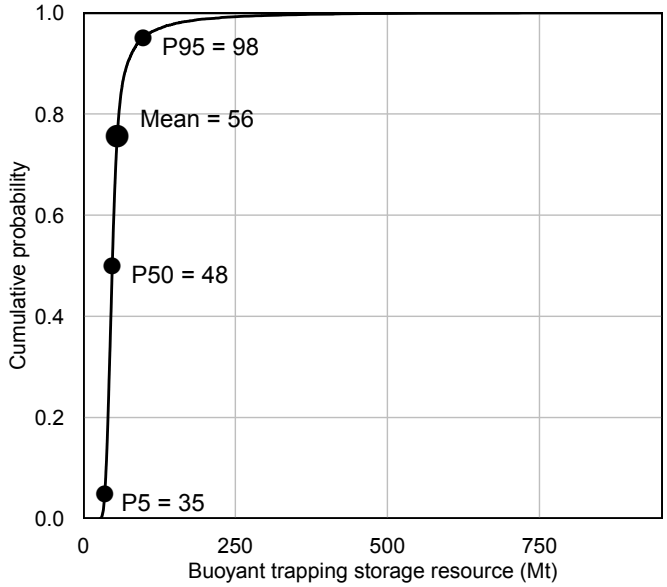


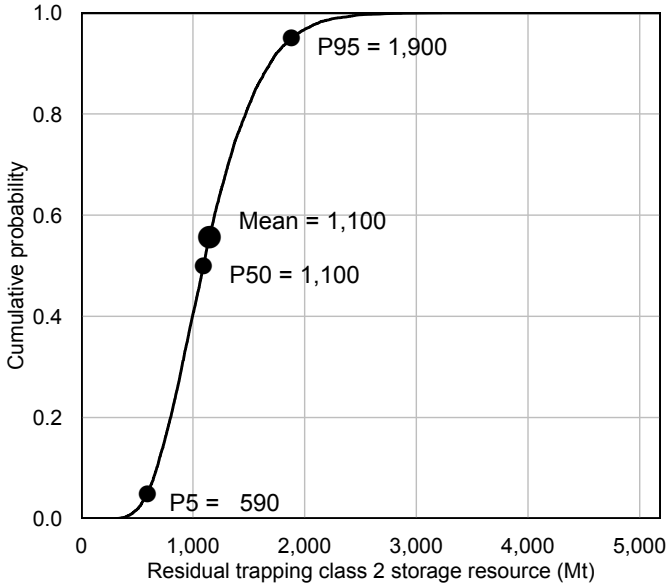


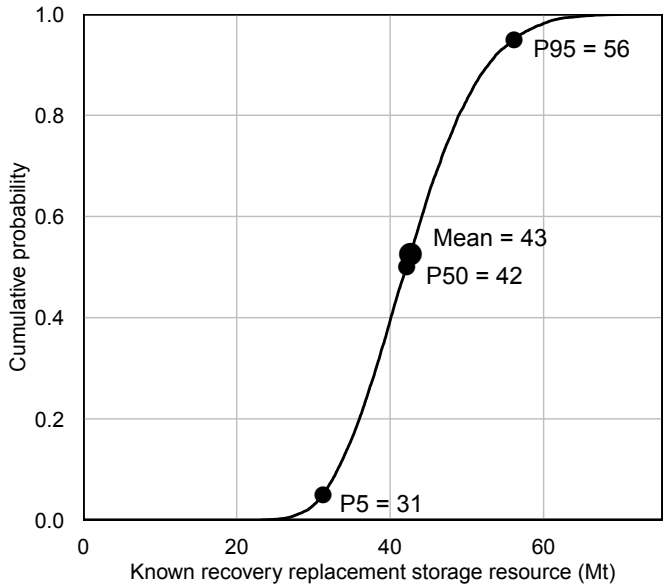
Uinta and Piceance Basins C50200101

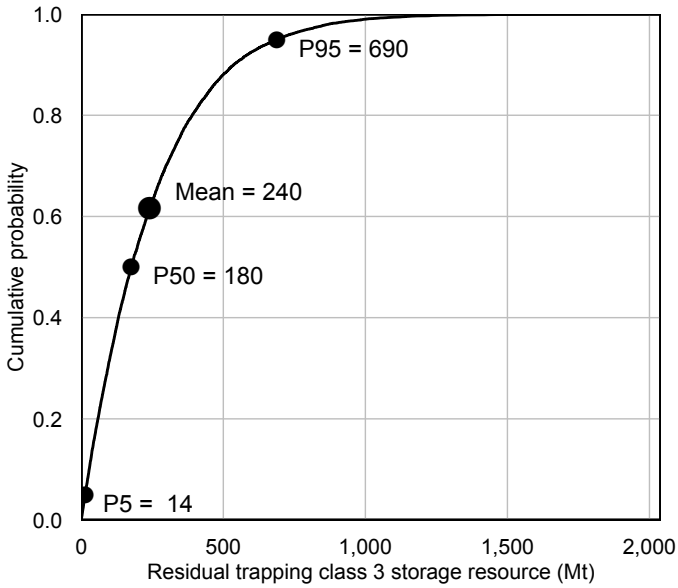




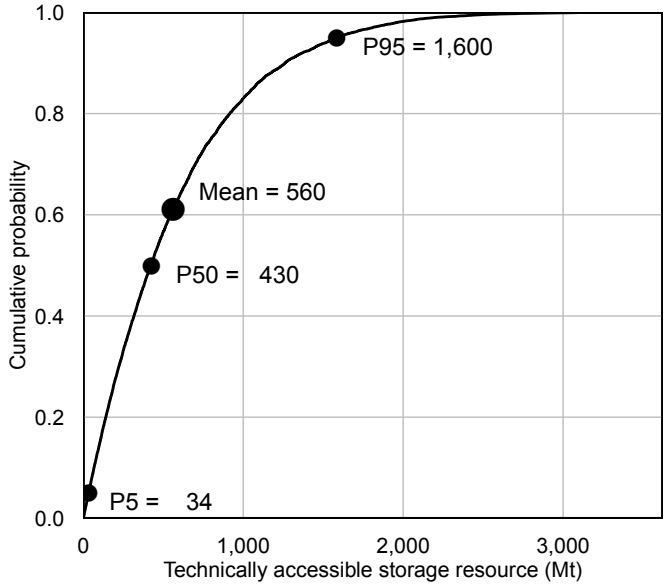


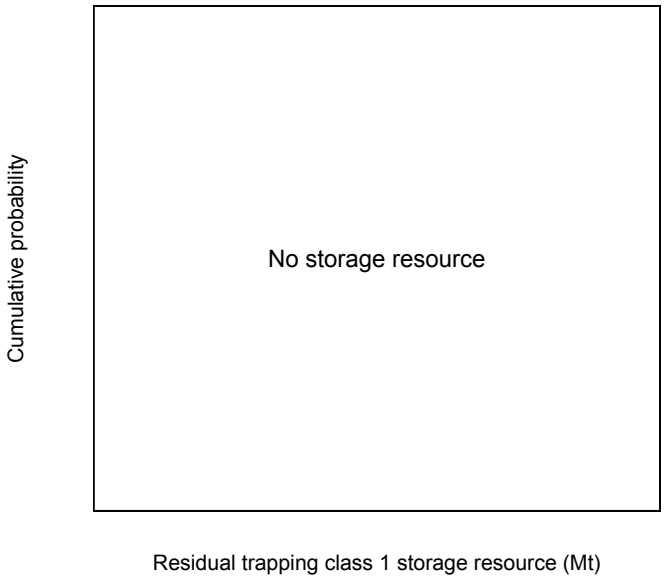


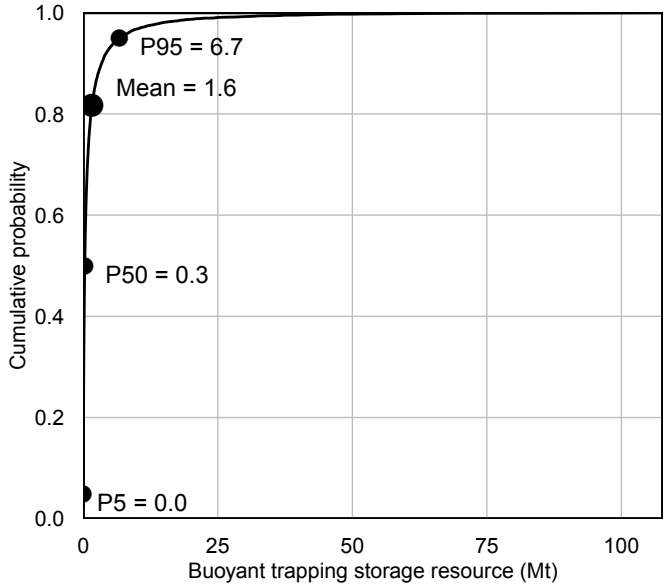


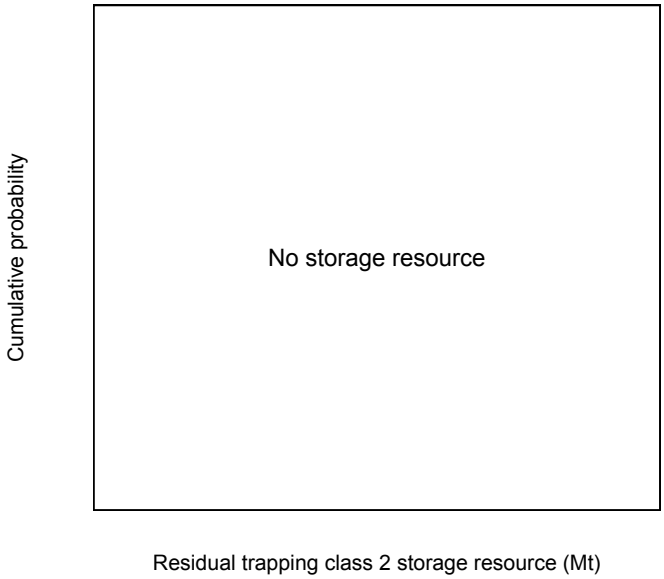


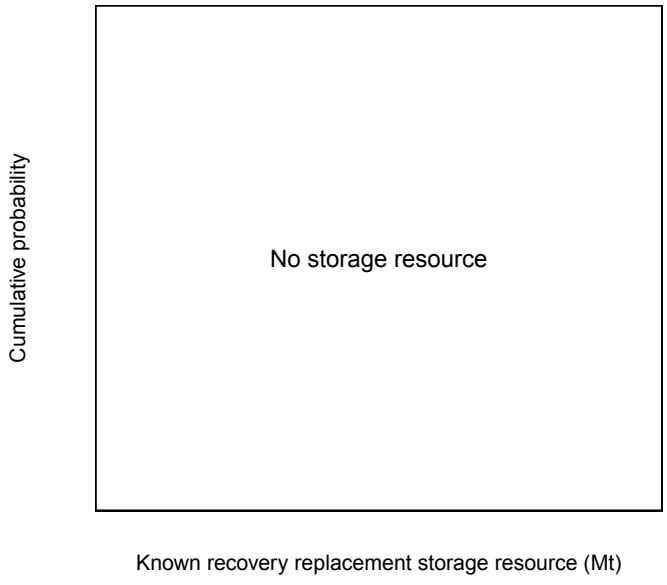
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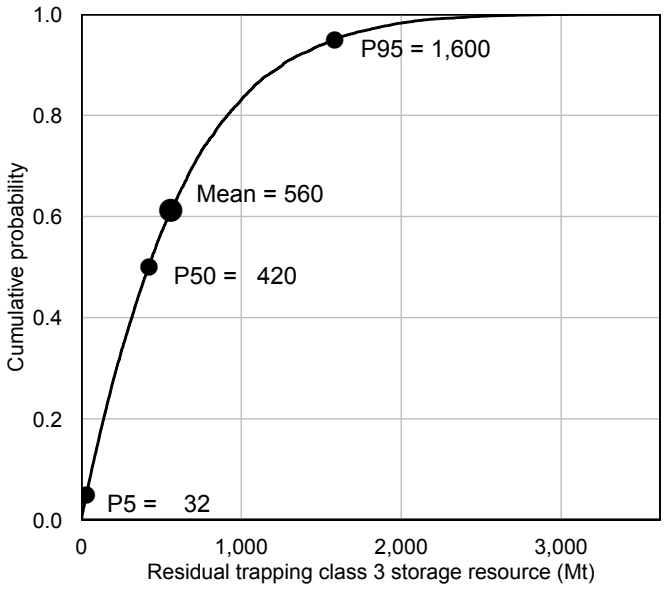




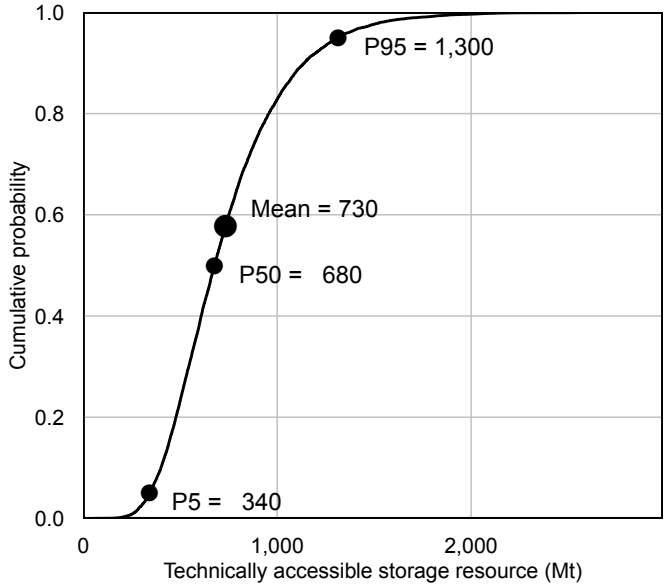


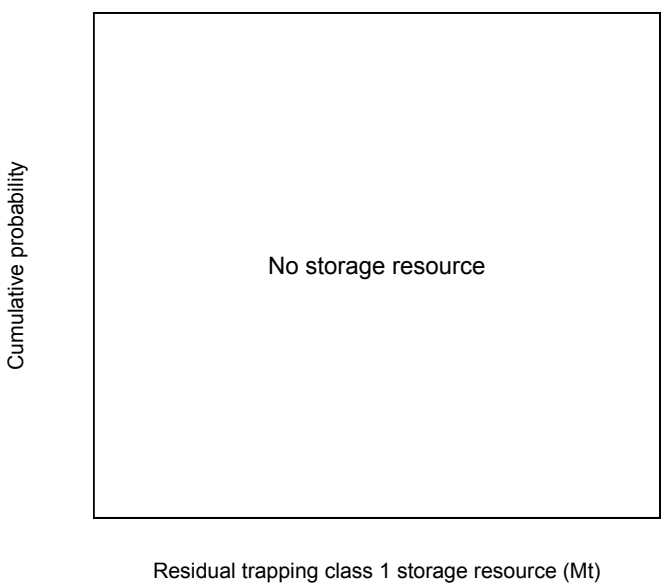


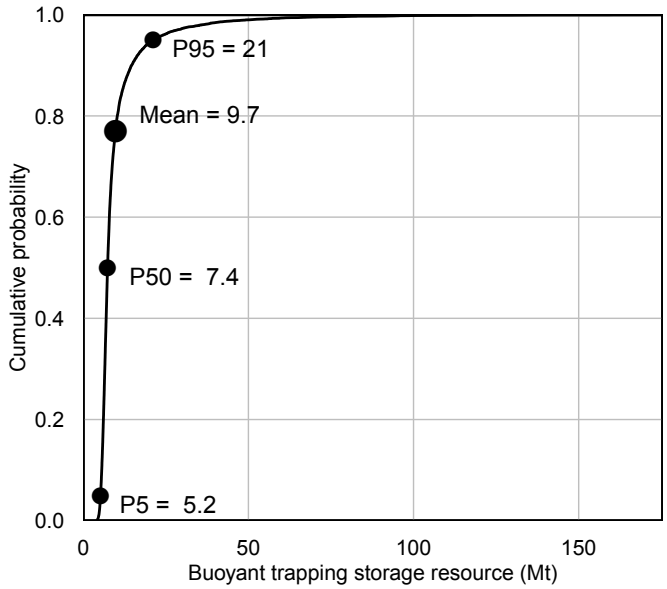


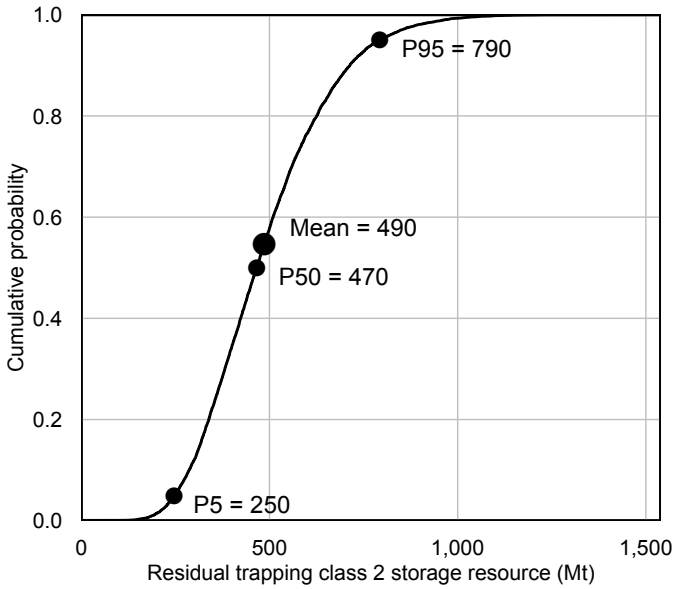


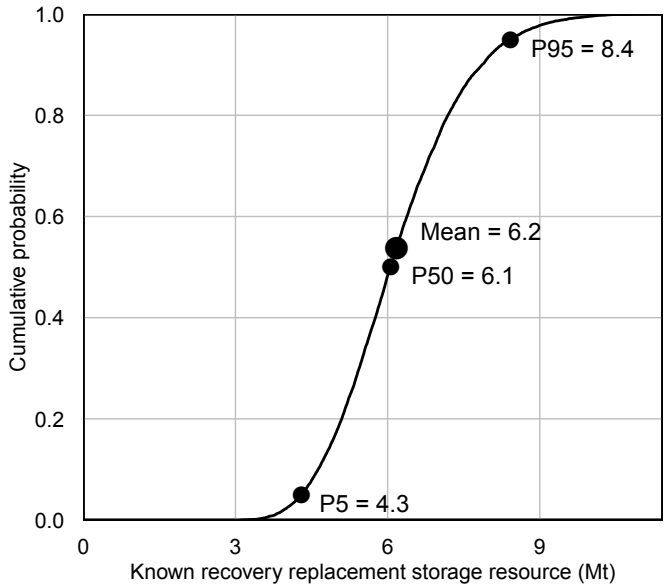
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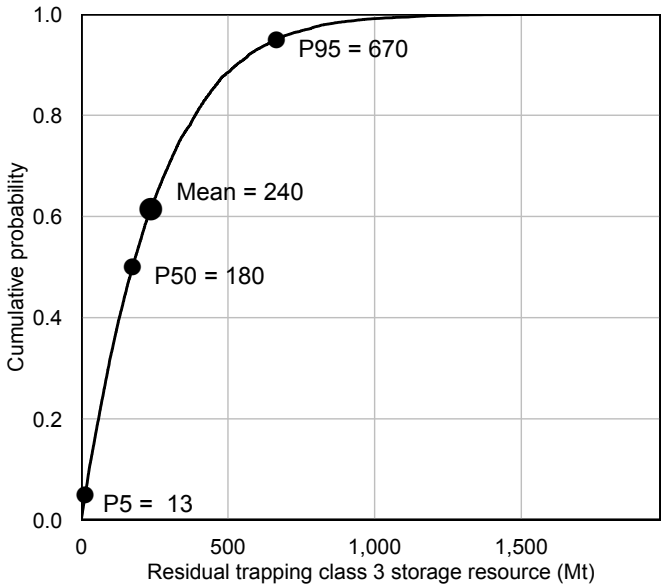




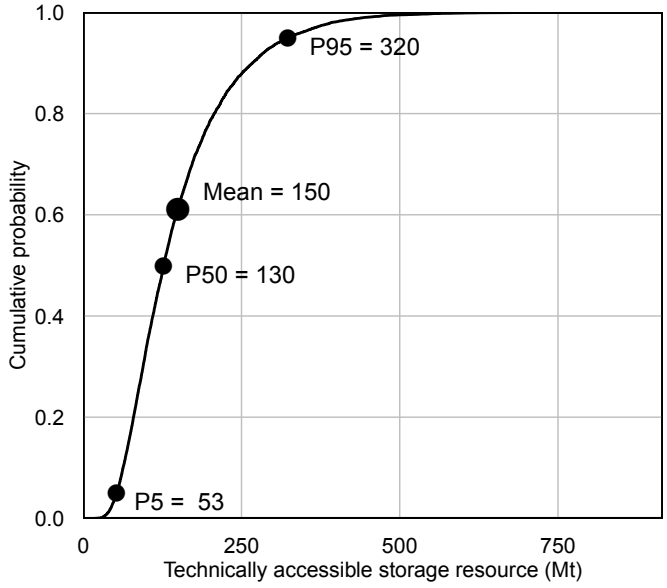


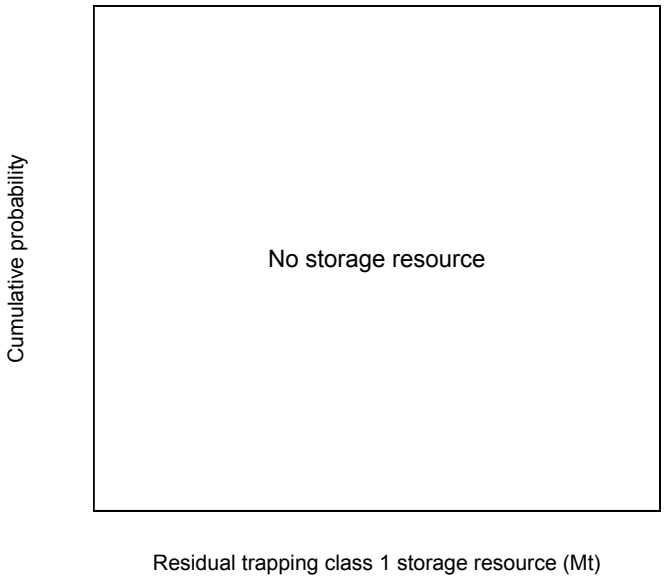


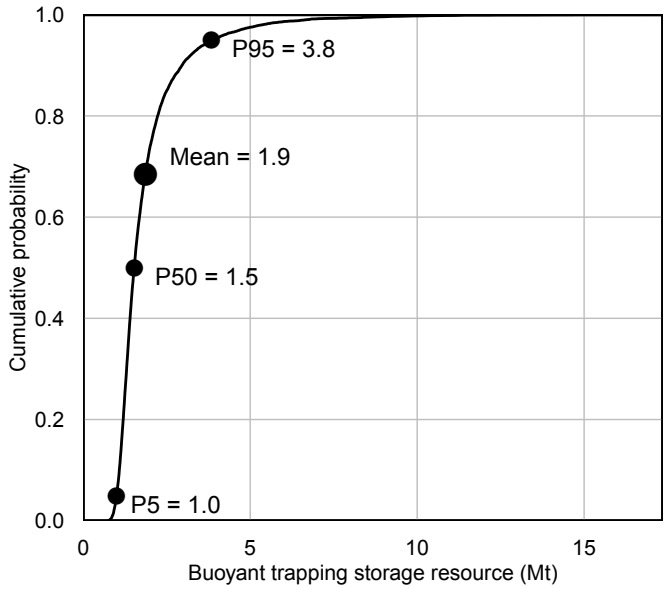


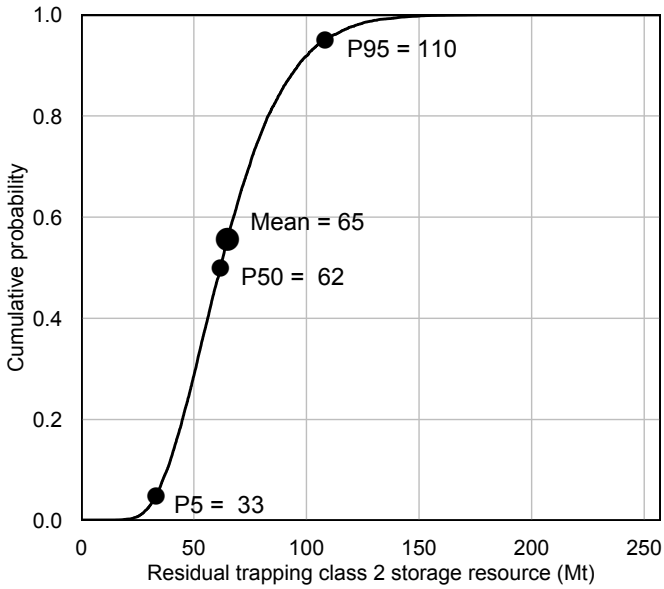


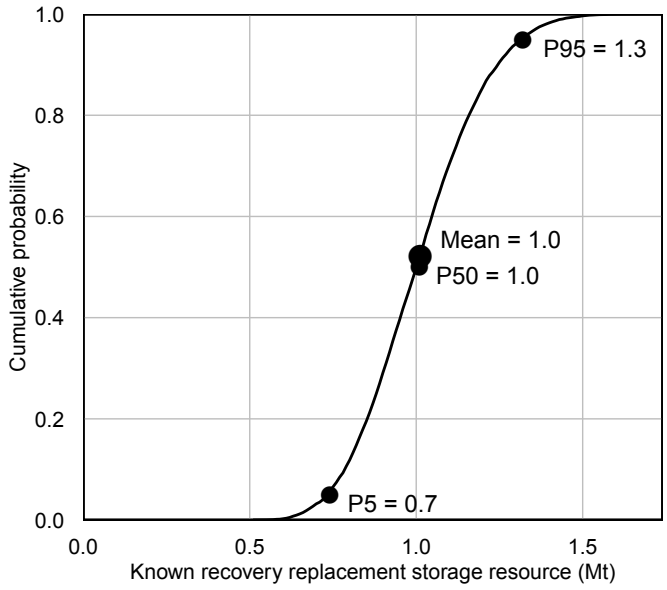
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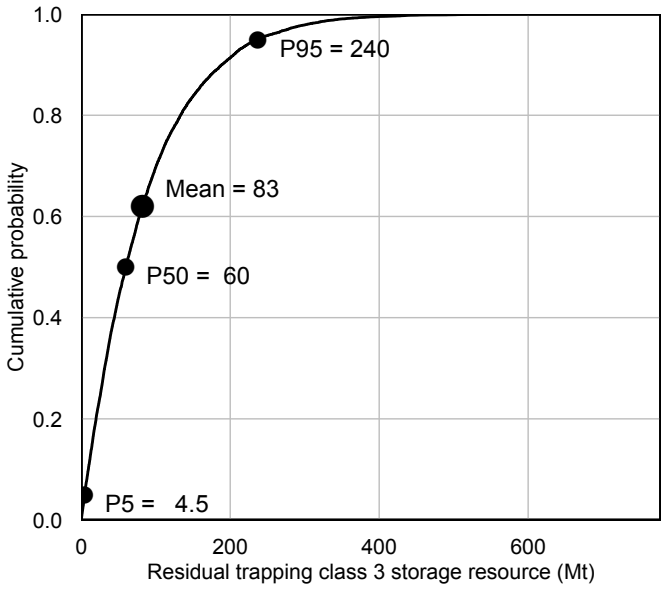




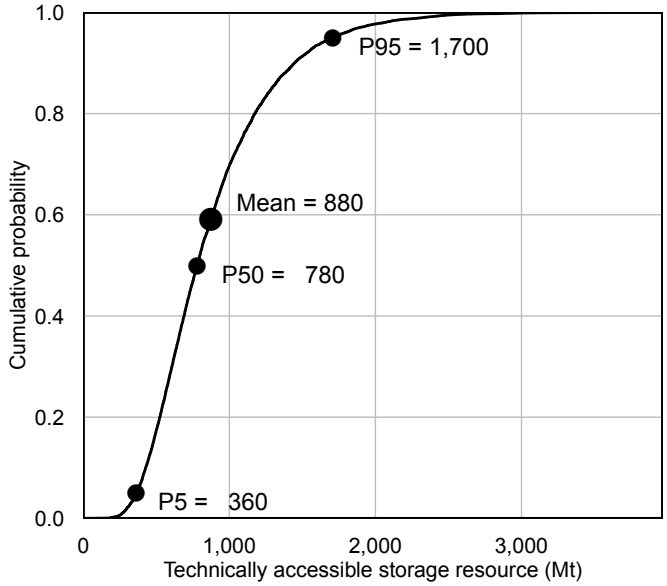


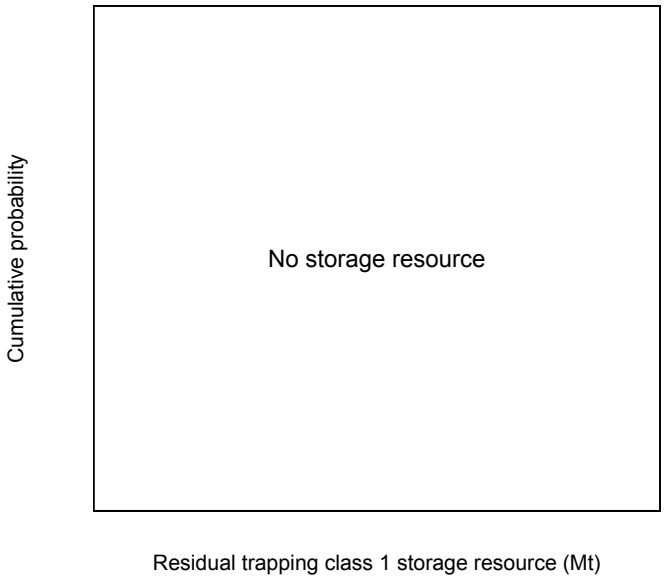


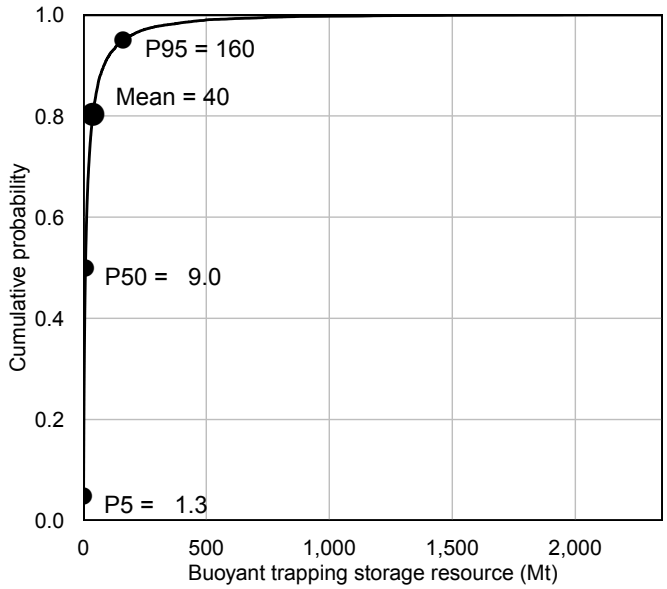


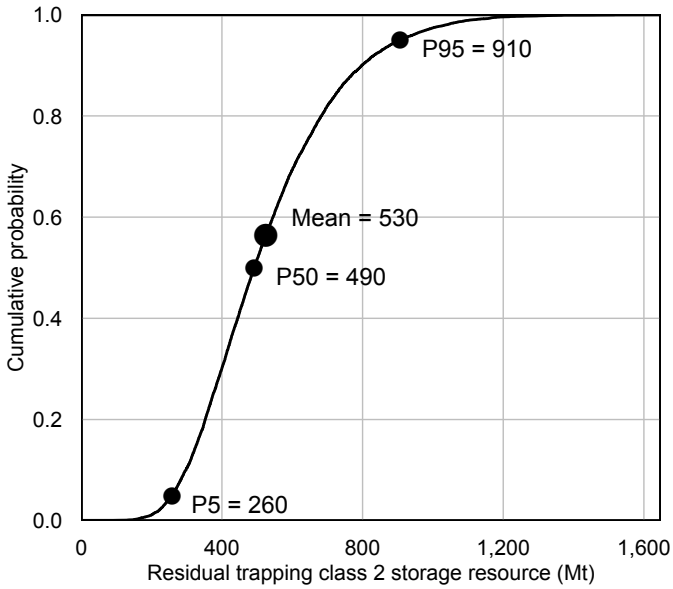


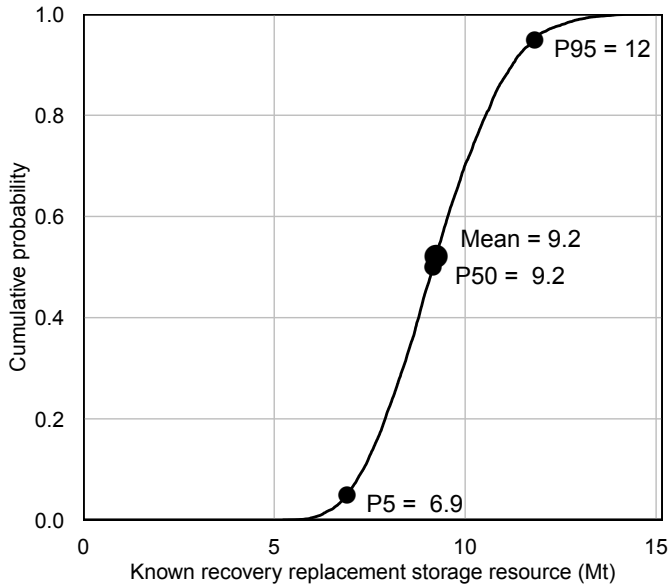
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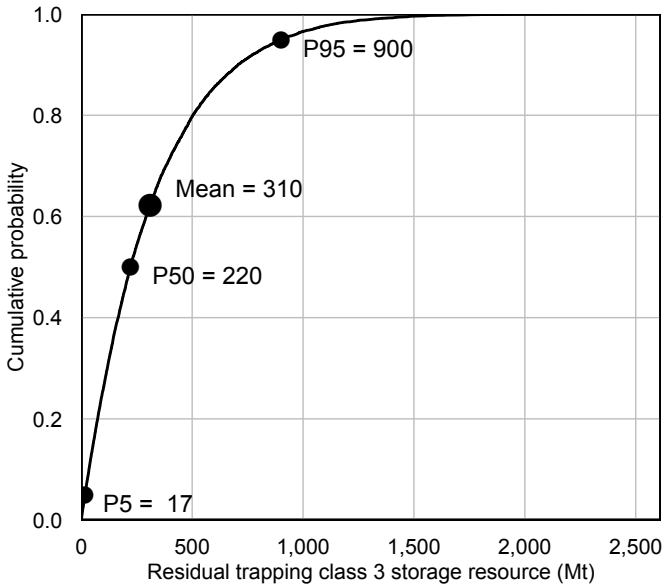




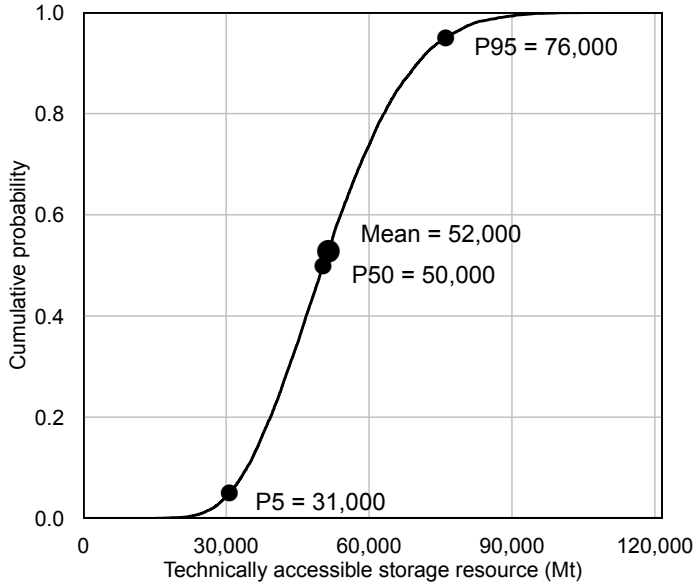


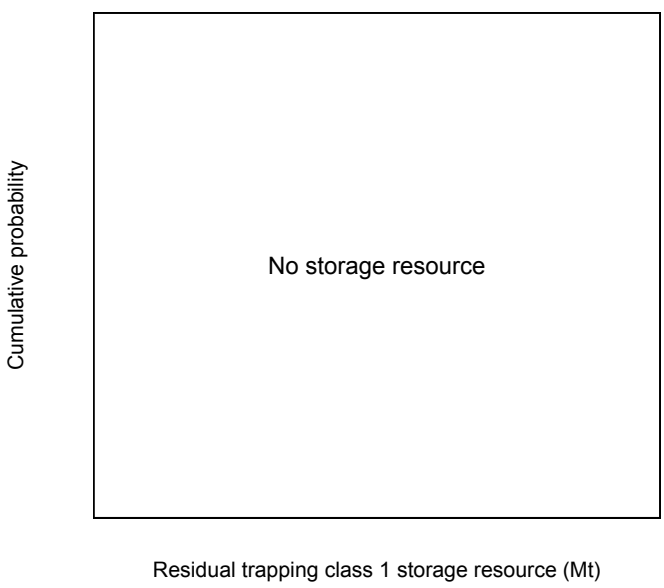


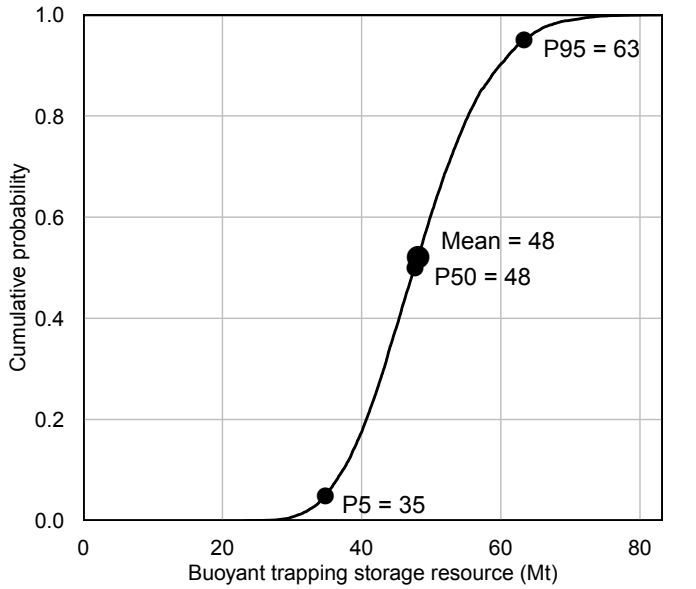


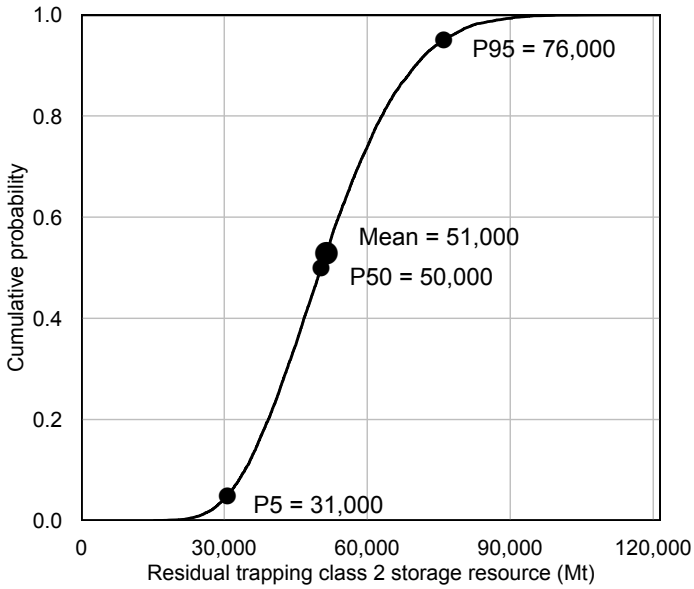


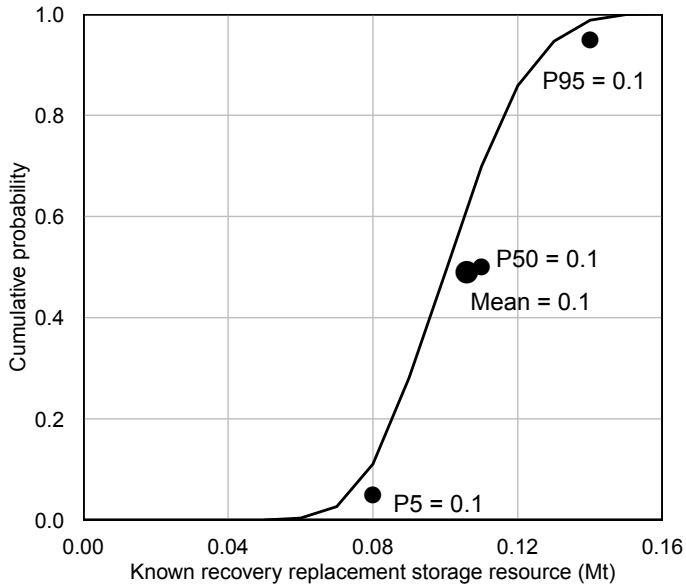
U.S. Gulf Coast C50490101

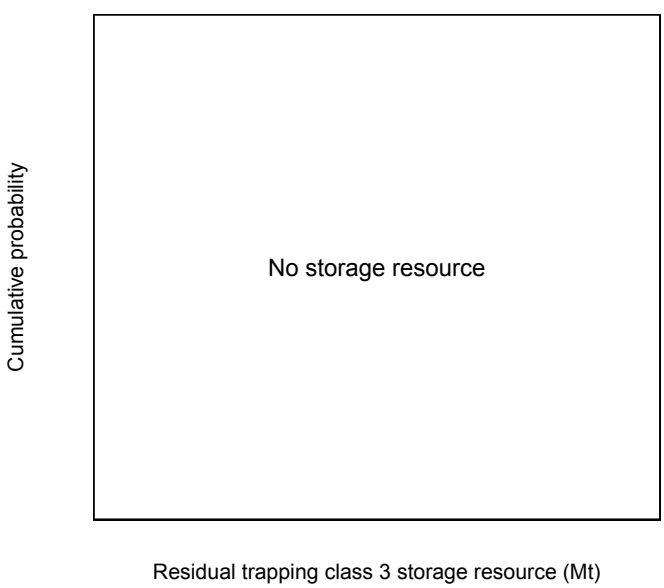




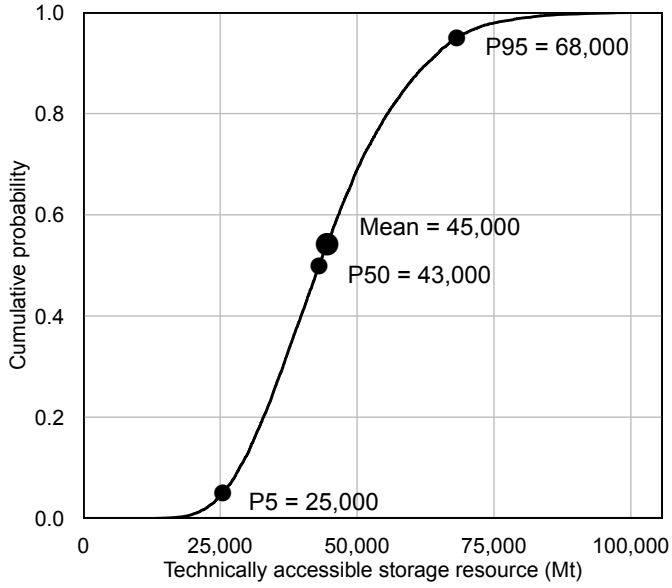


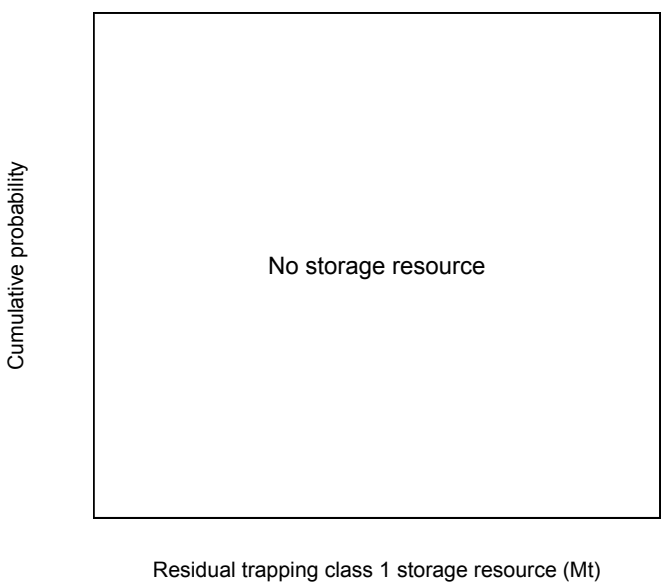


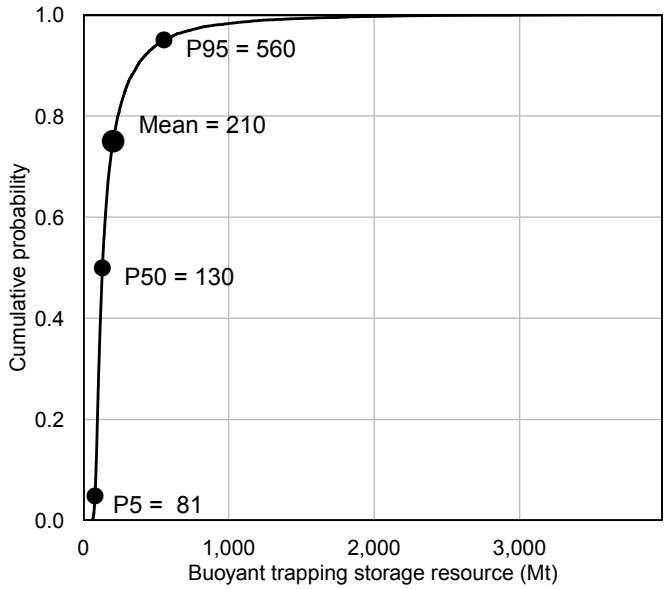


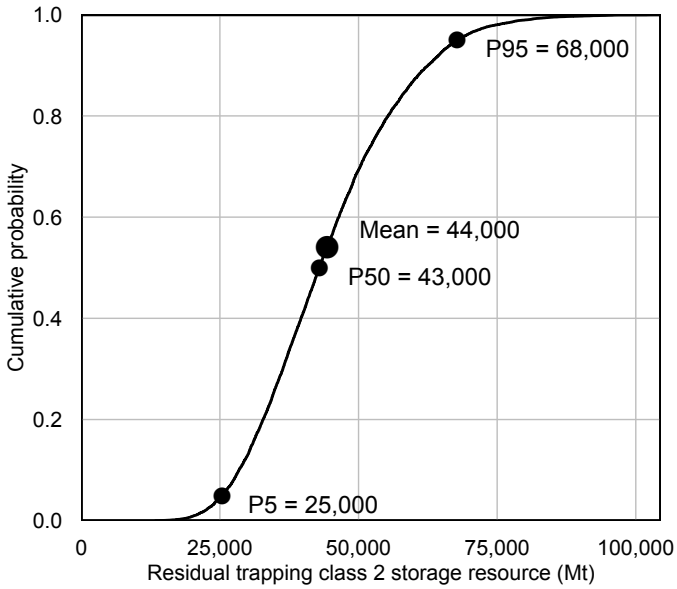


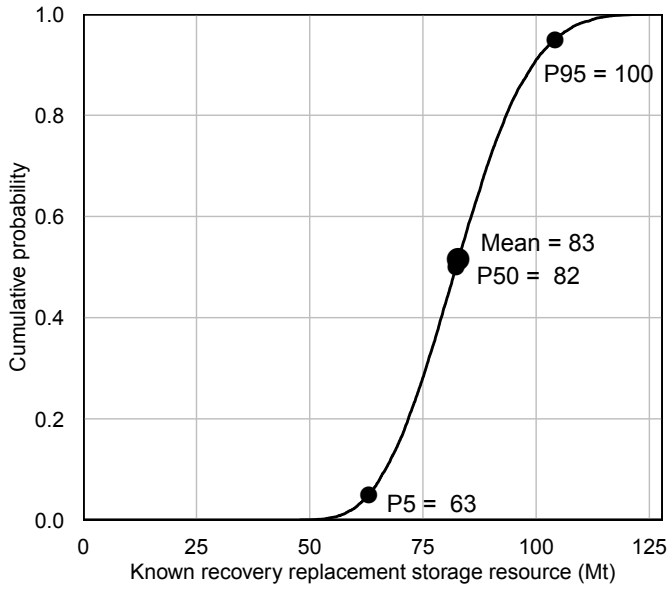
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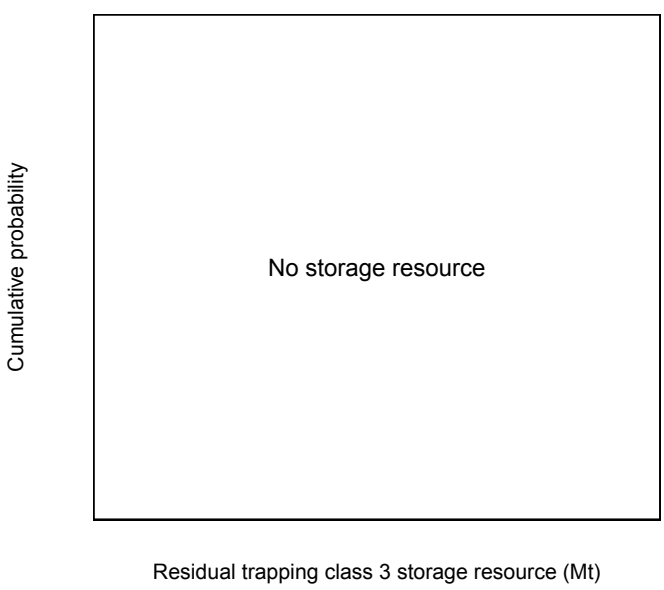




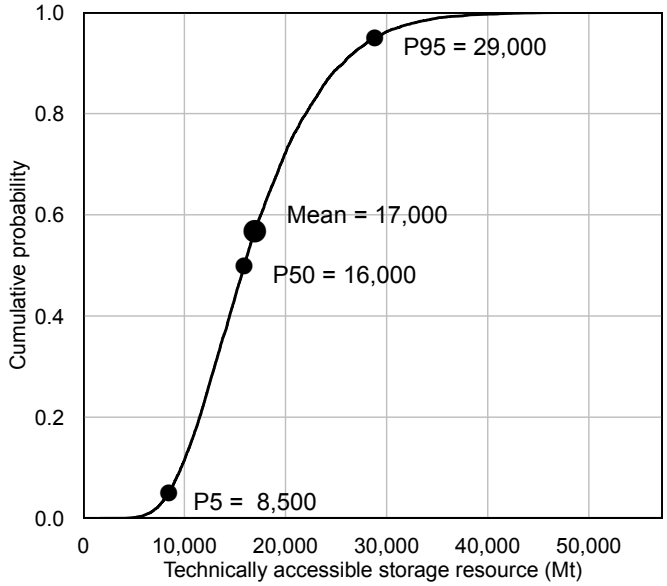


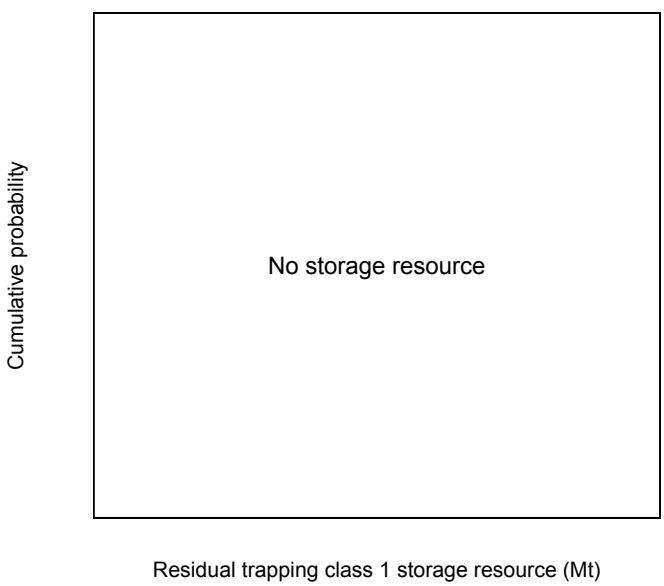


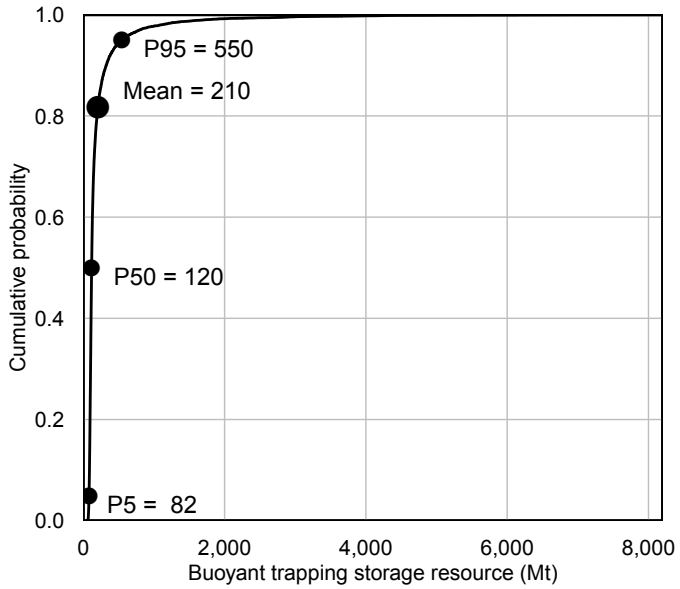


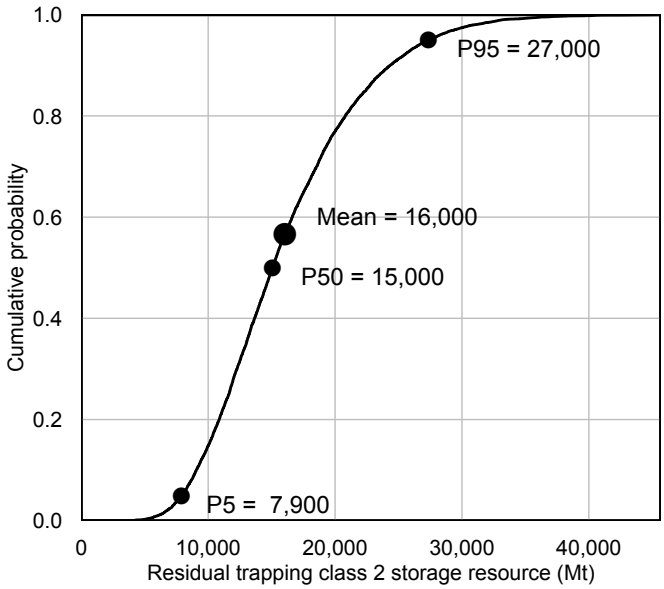


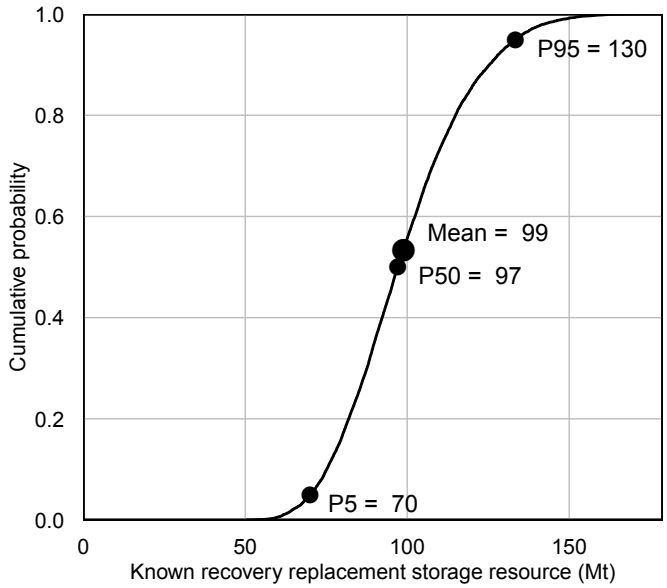
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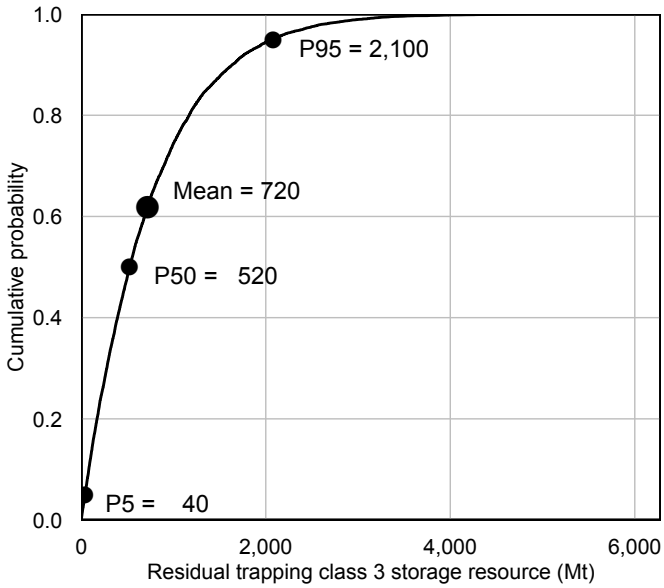




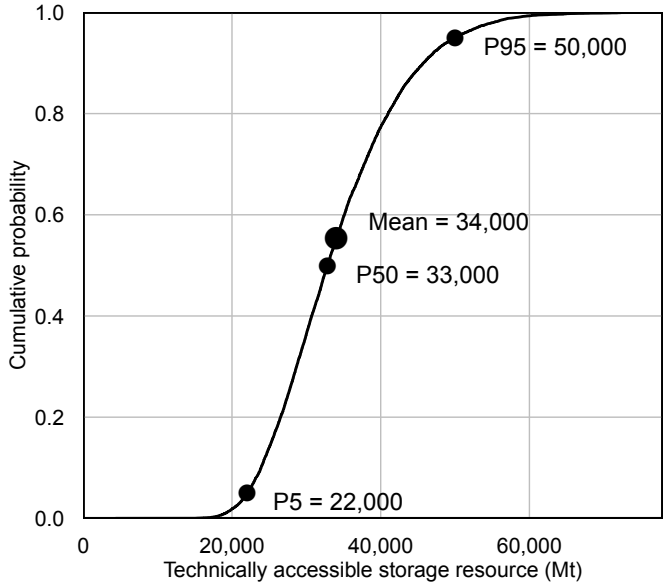


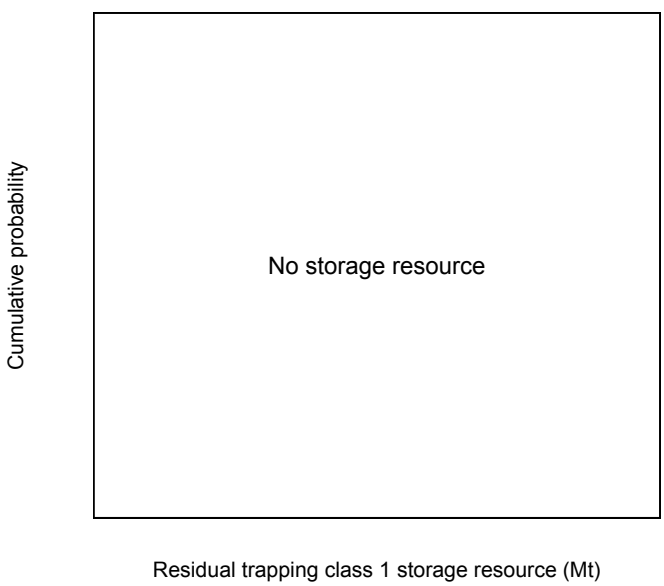


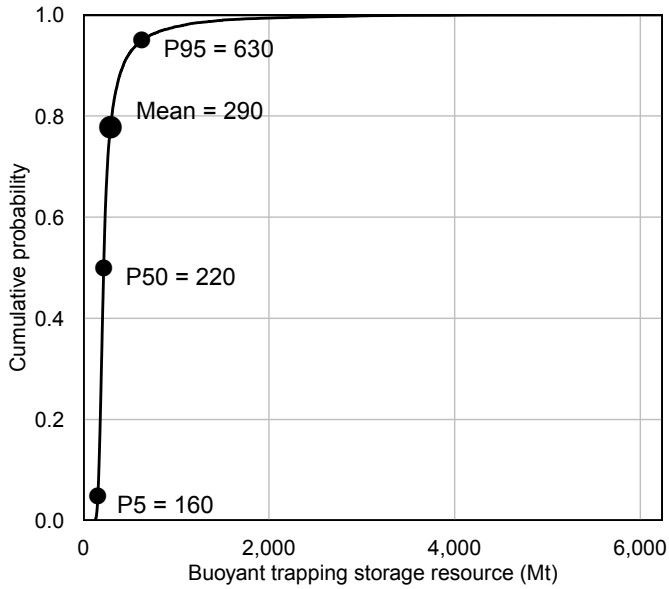


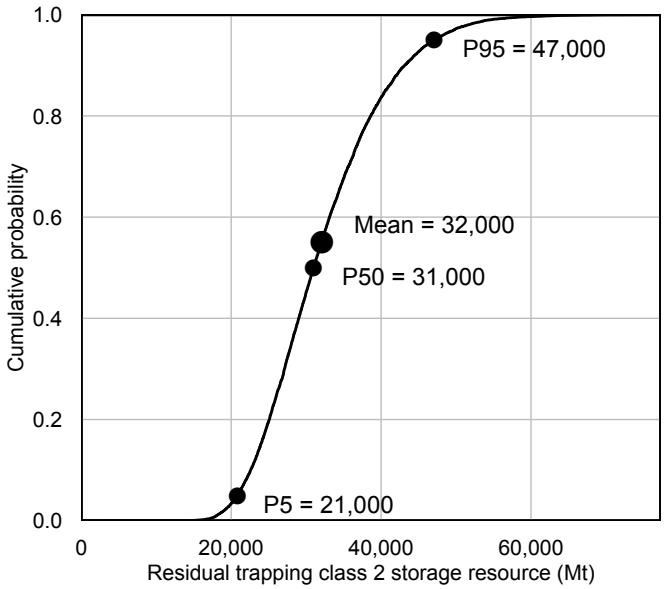


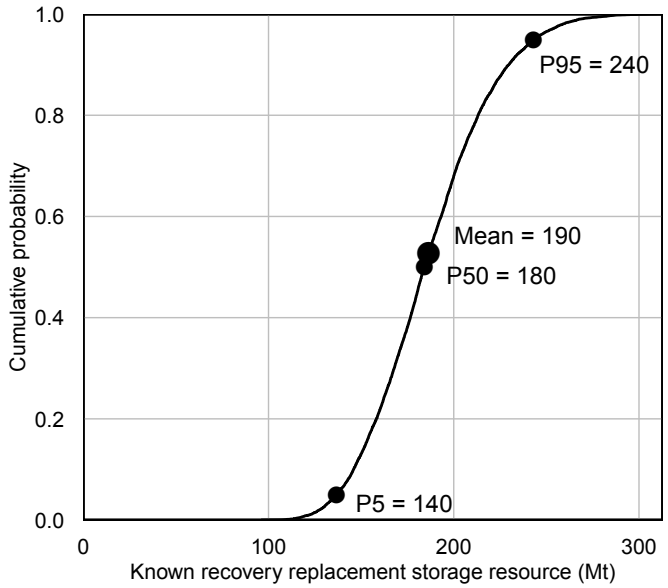
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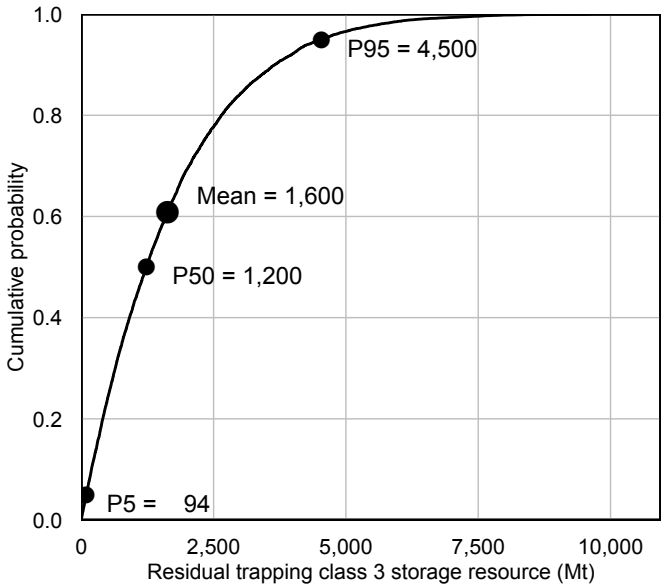




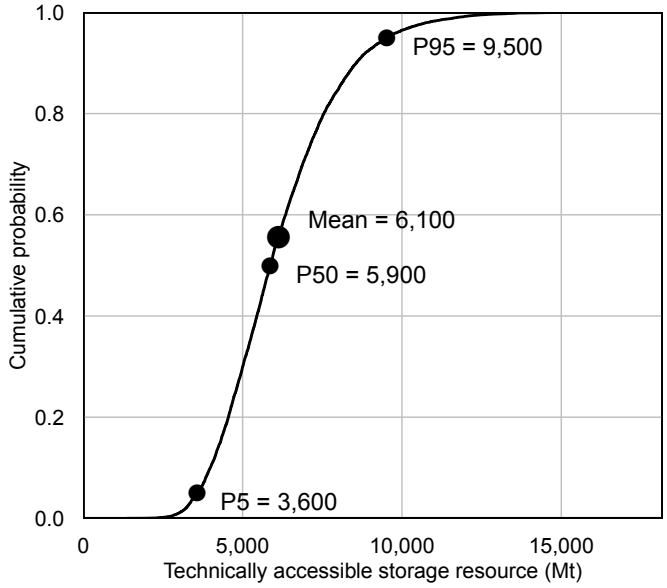


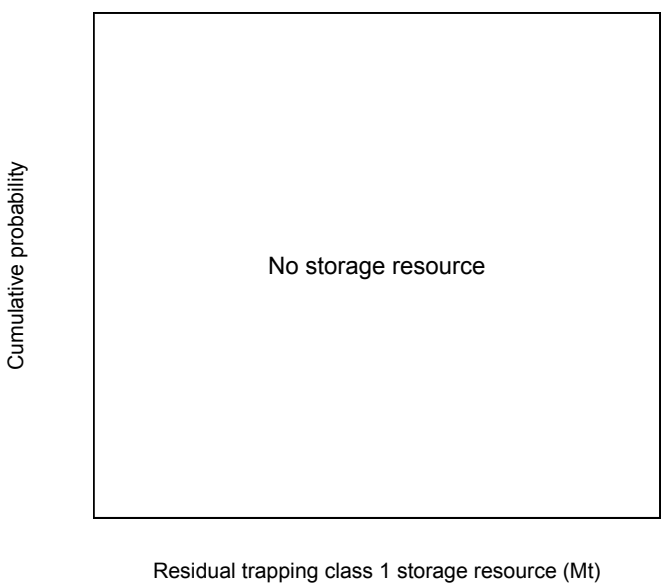


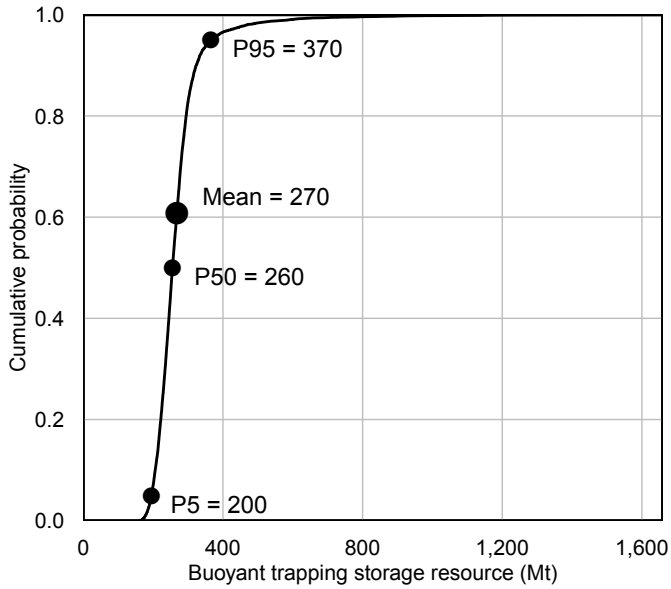


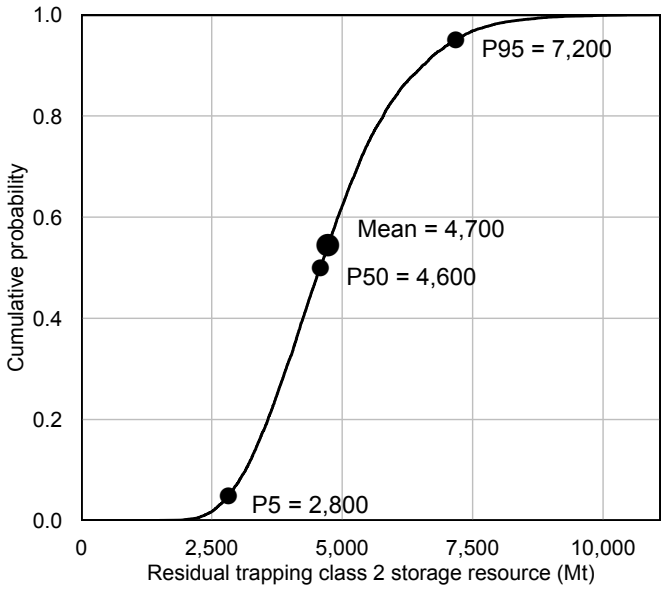


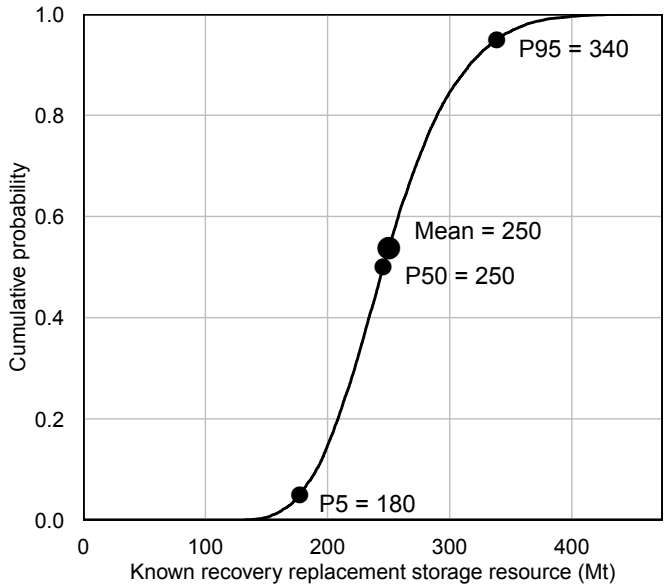
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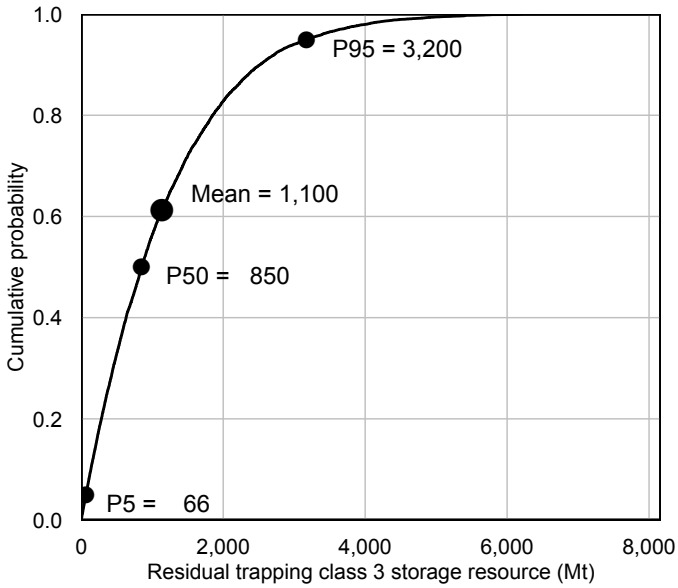




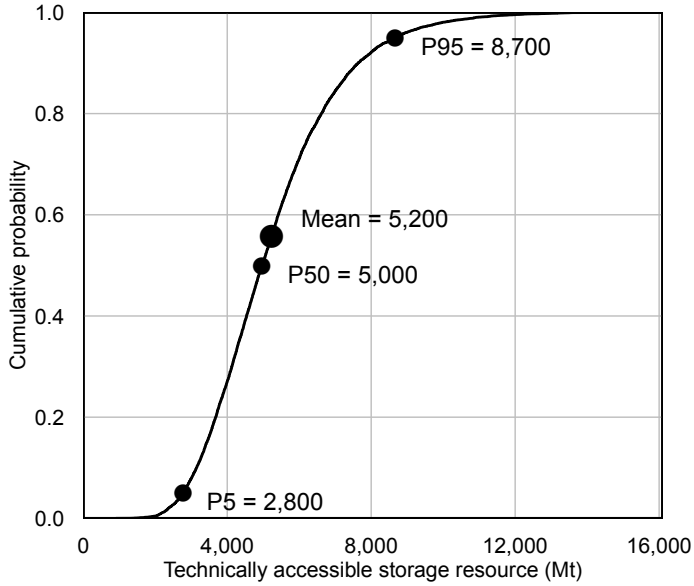


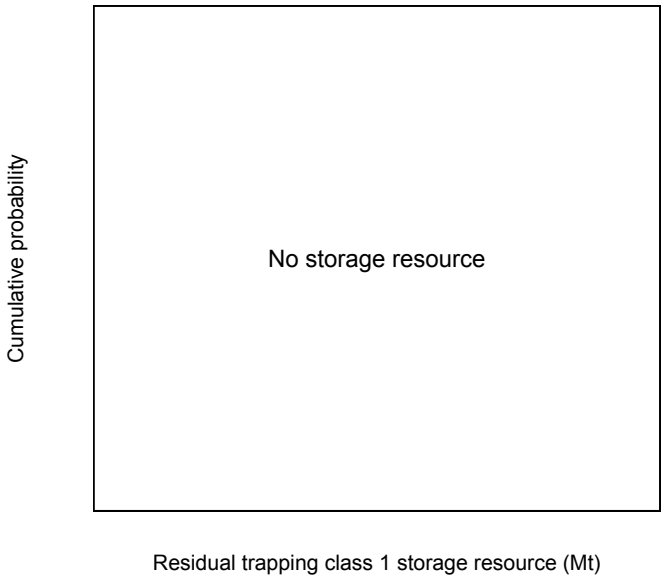


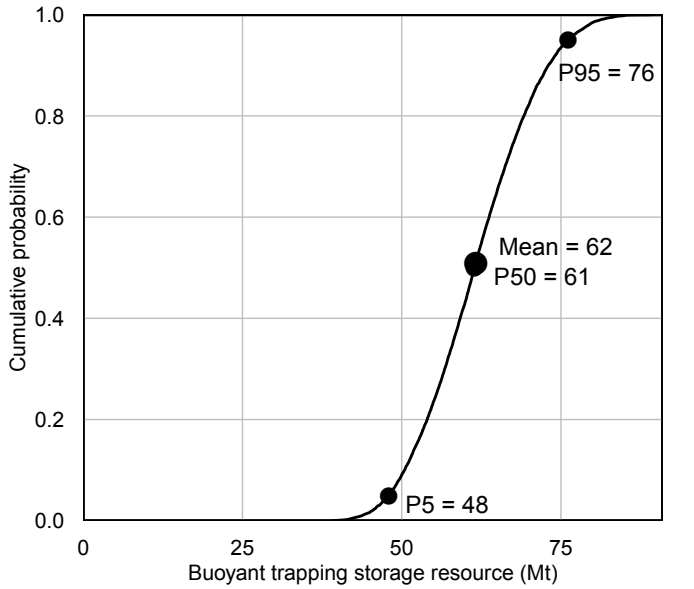


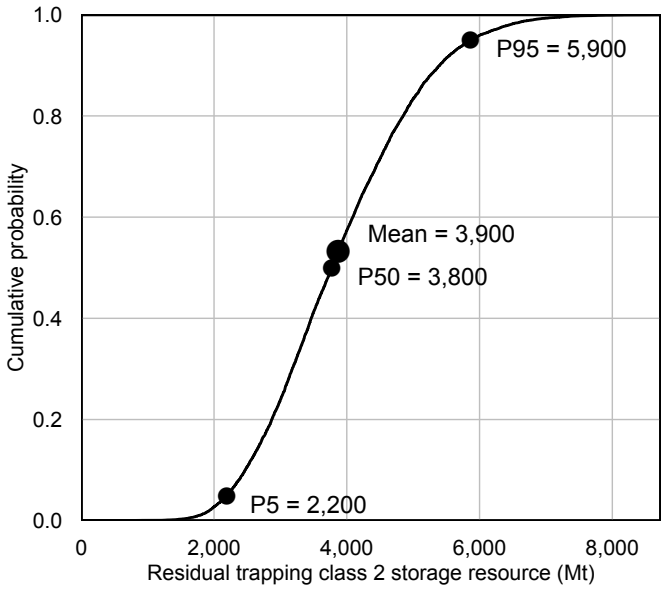


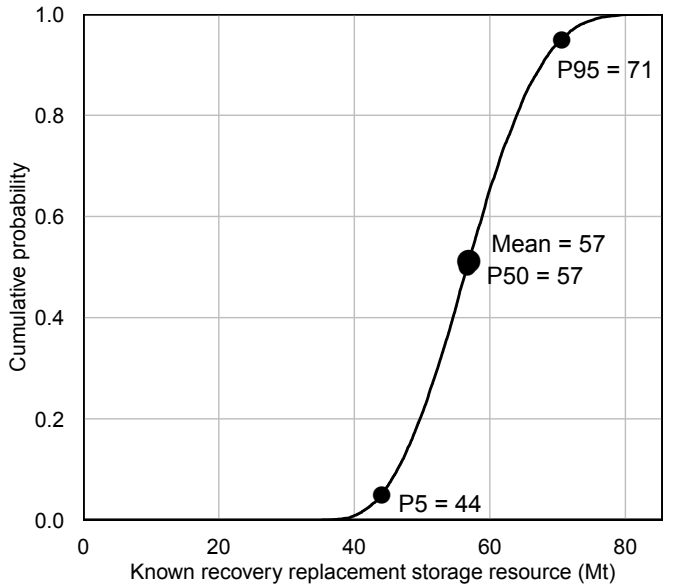
U.S. Gulf Coast C50490106

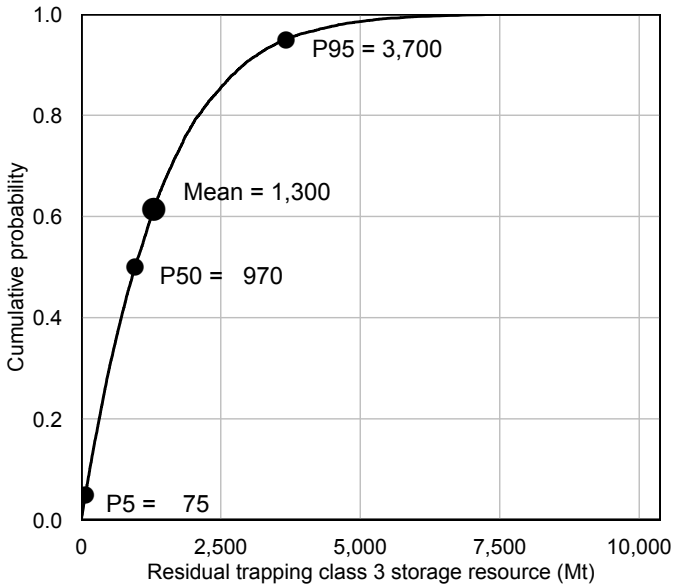




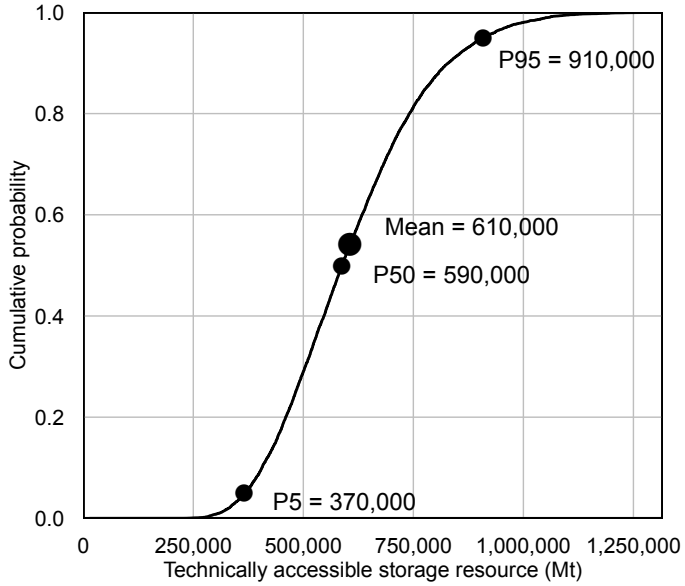


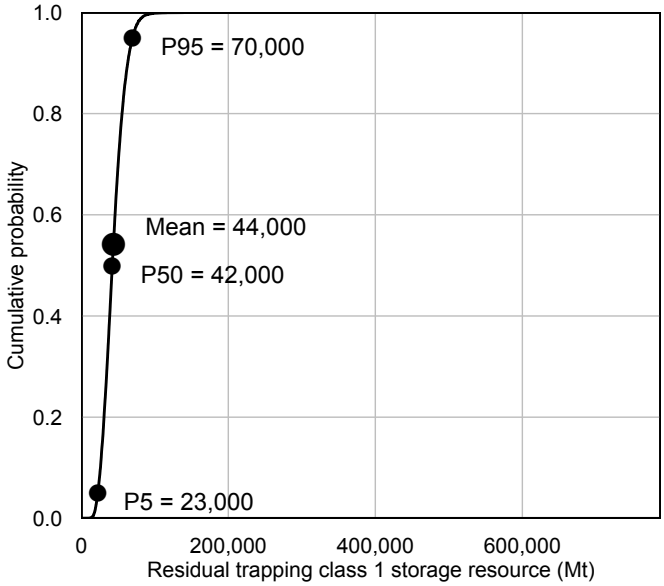


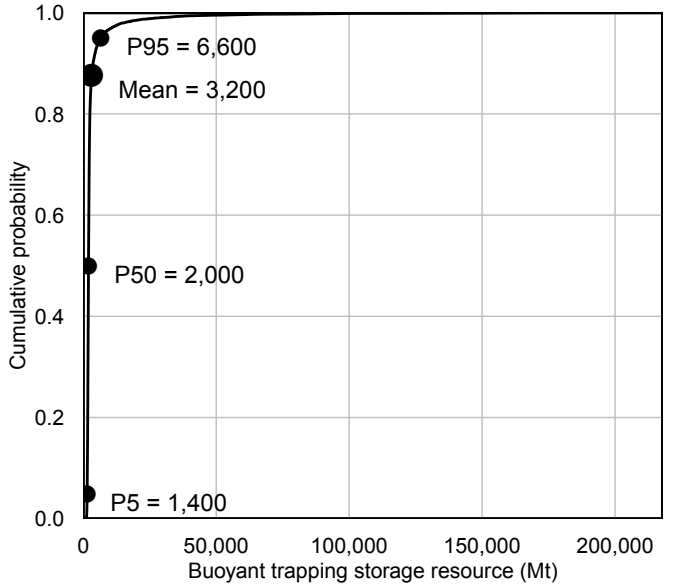


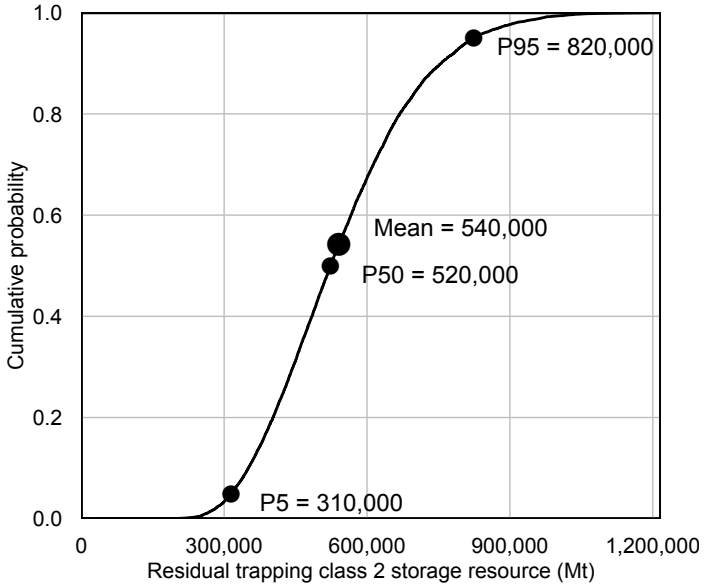


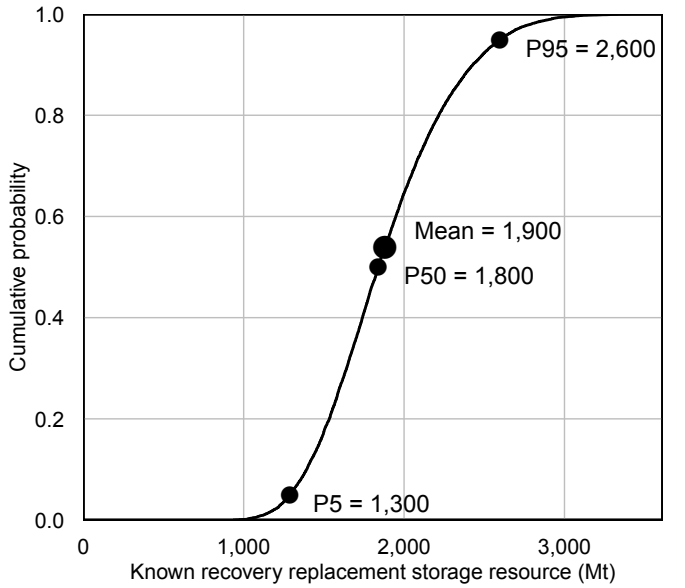
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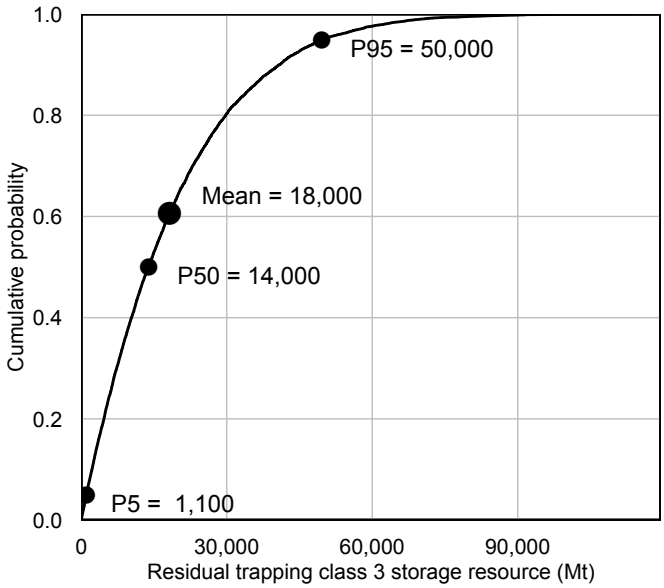




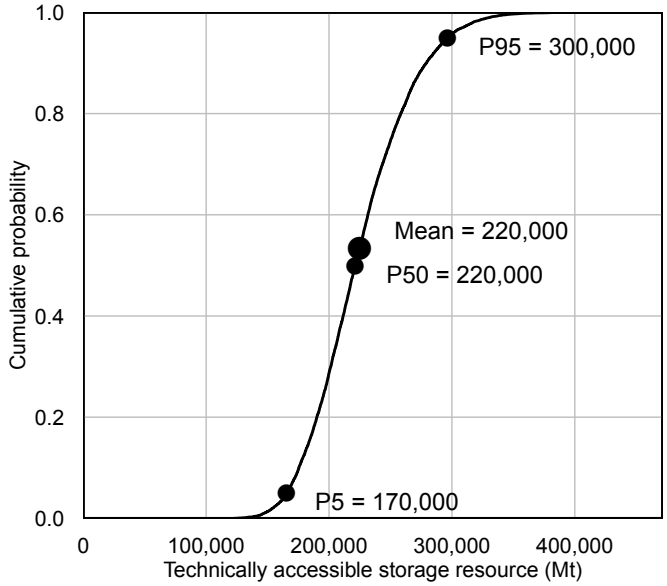


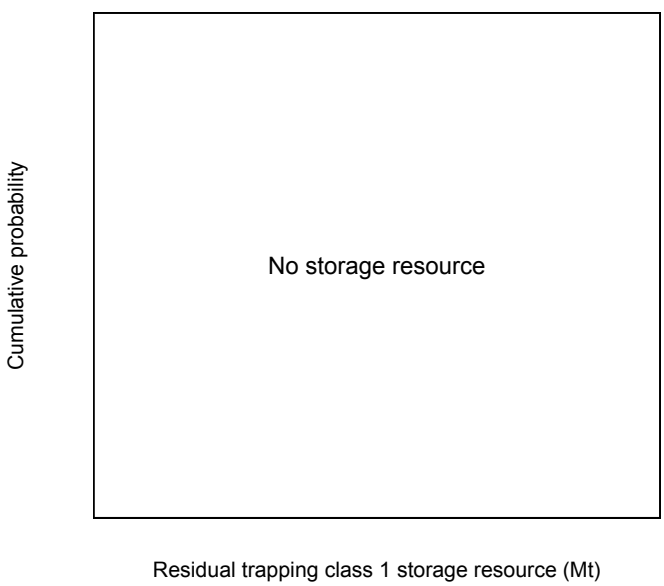


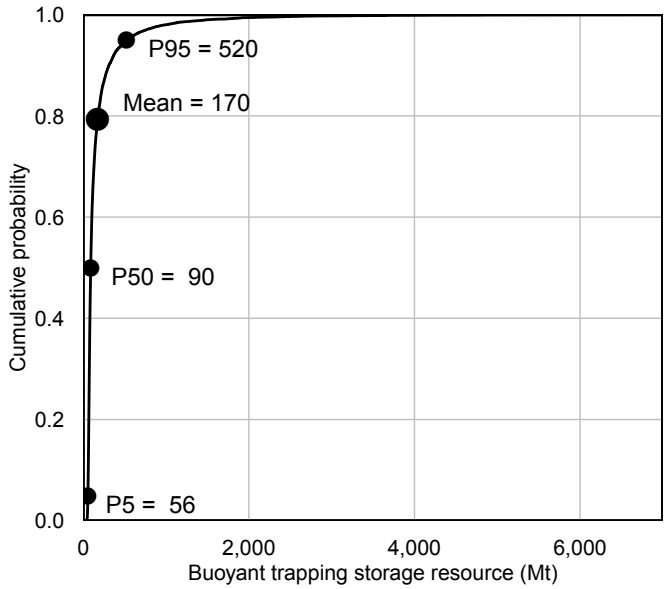


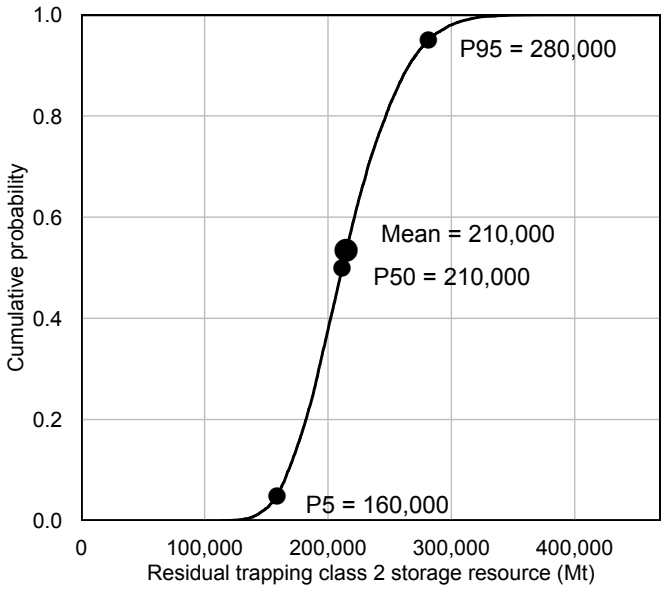


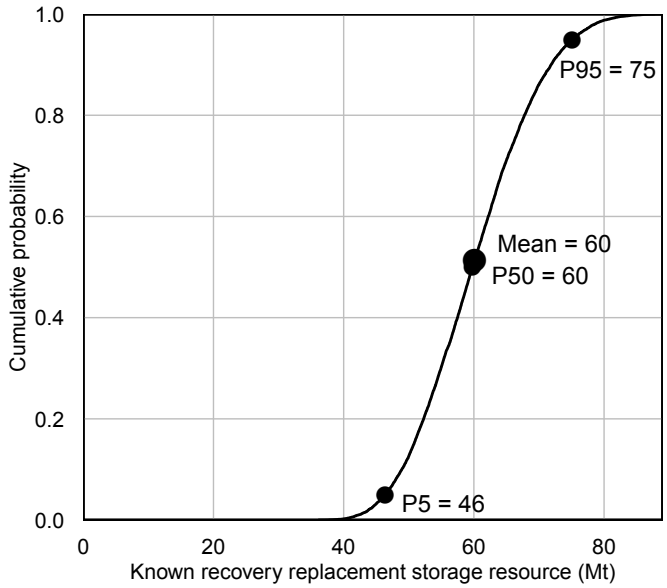
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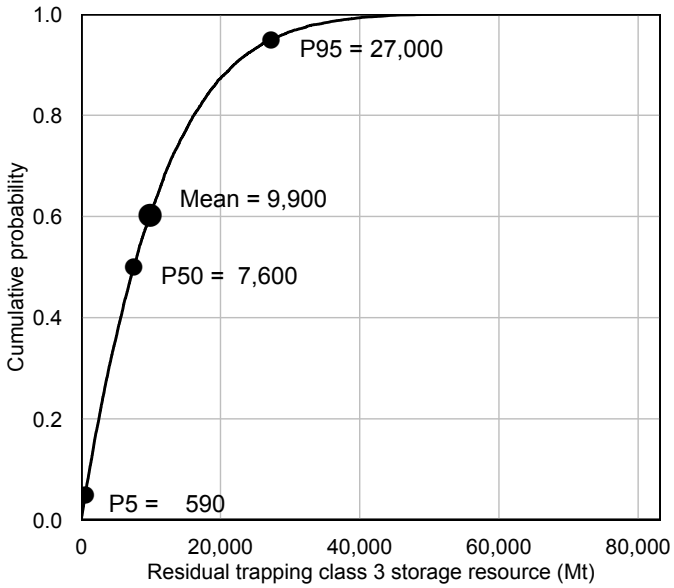




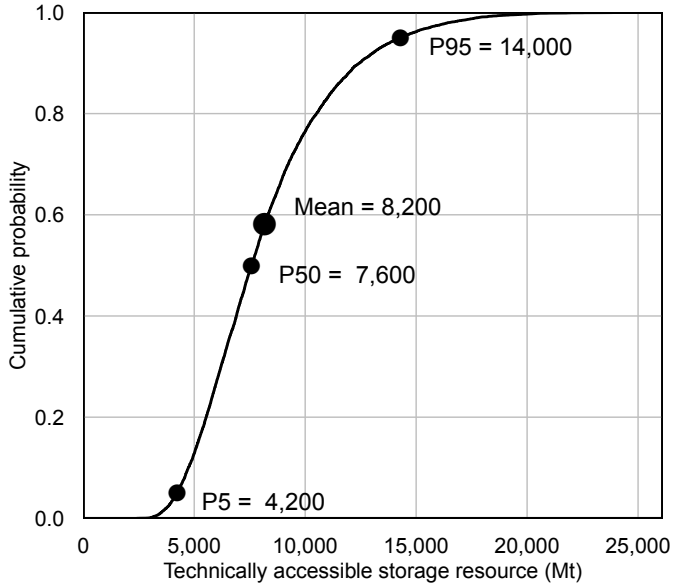


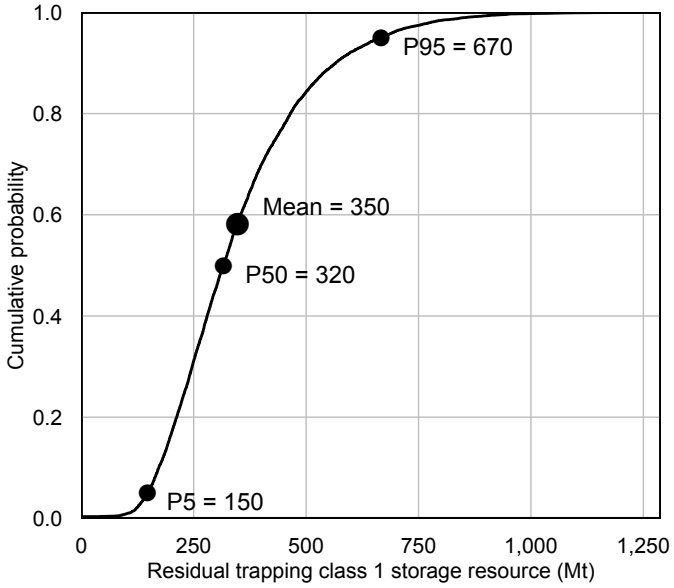


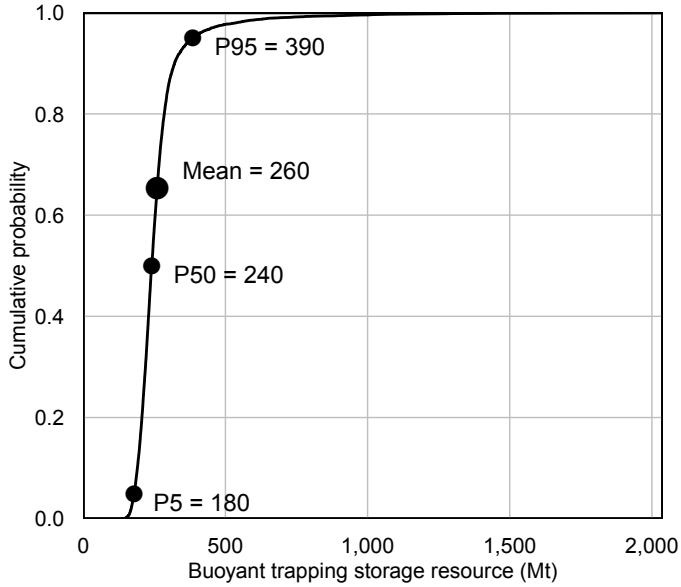


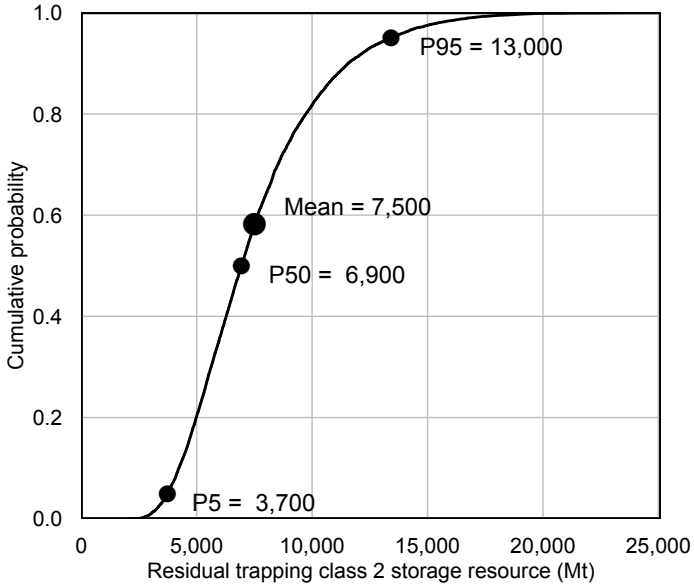


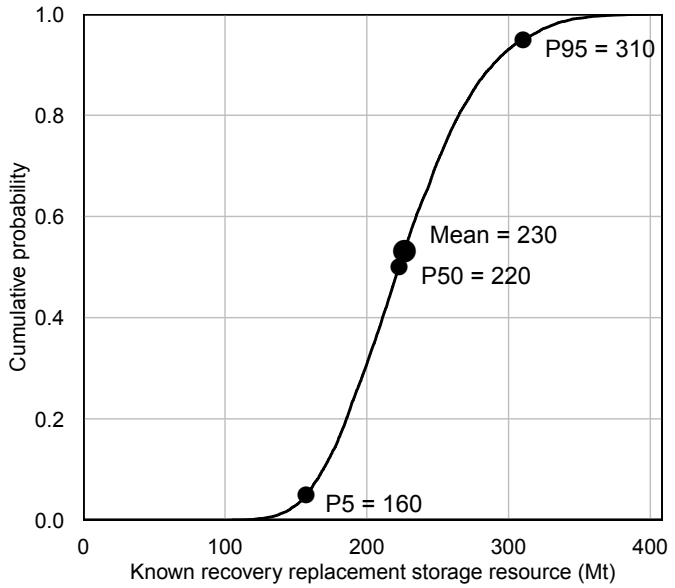
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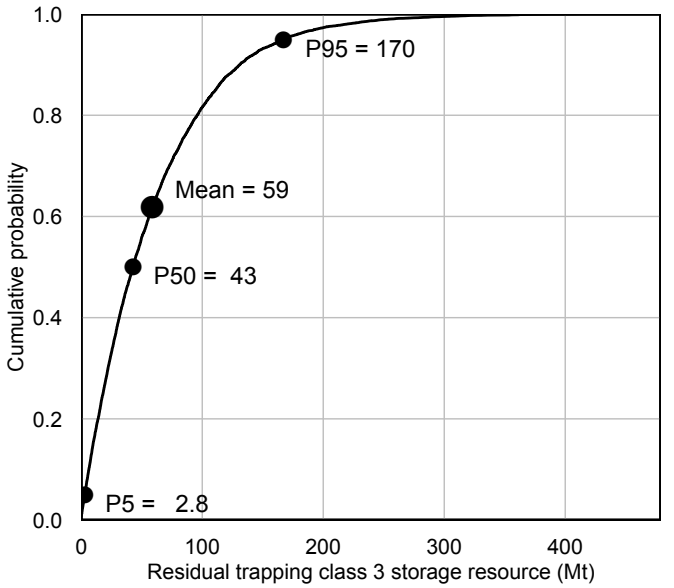




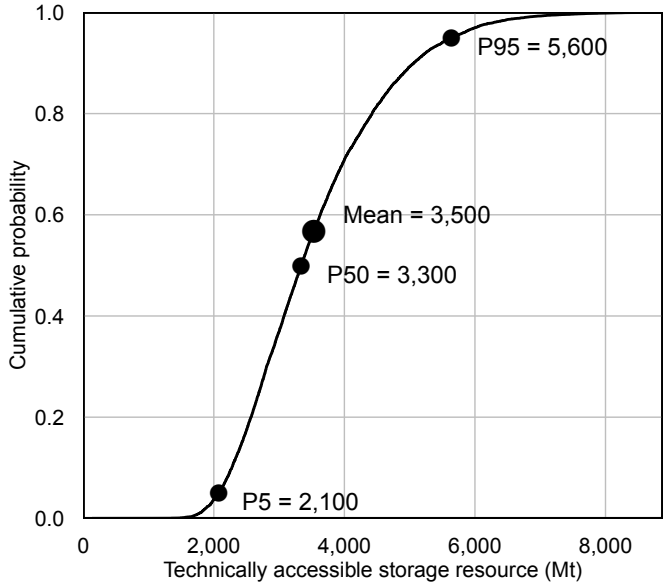


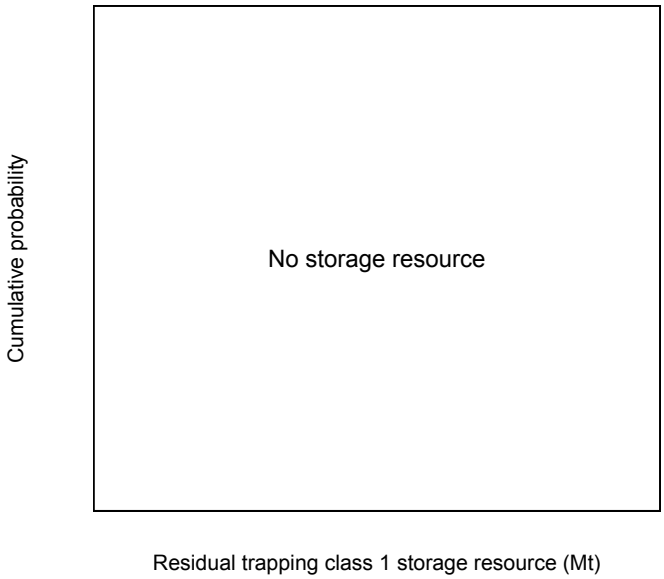


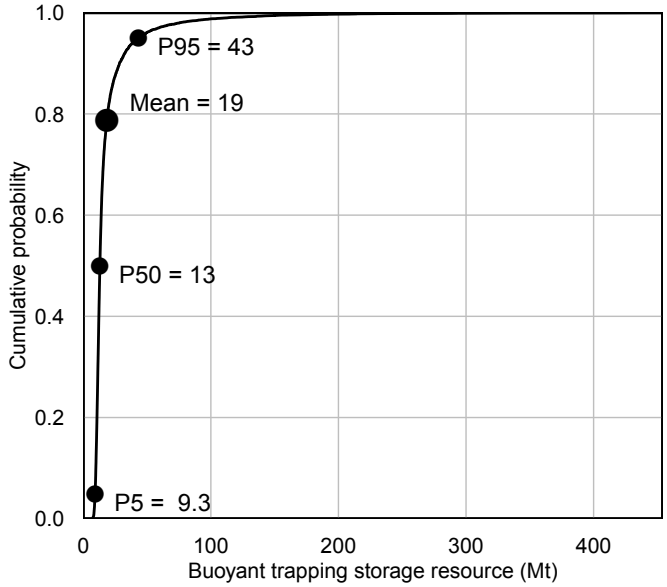


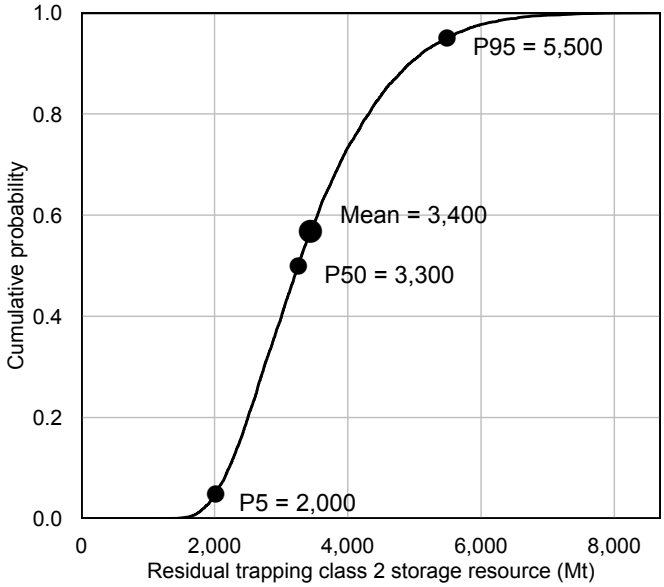


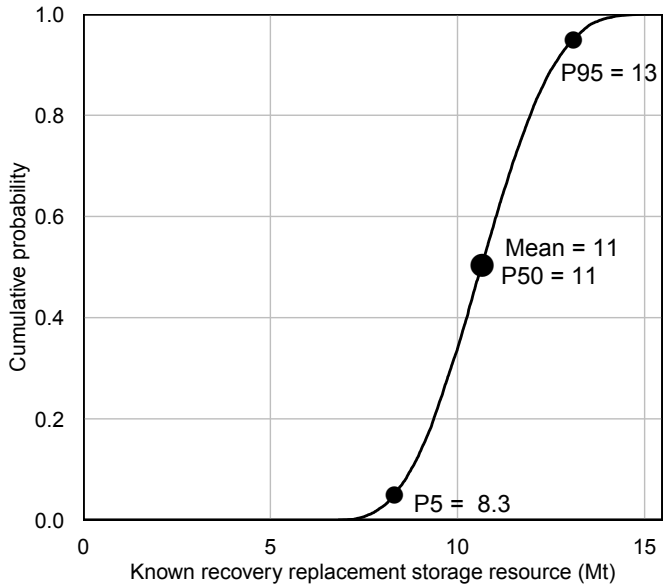
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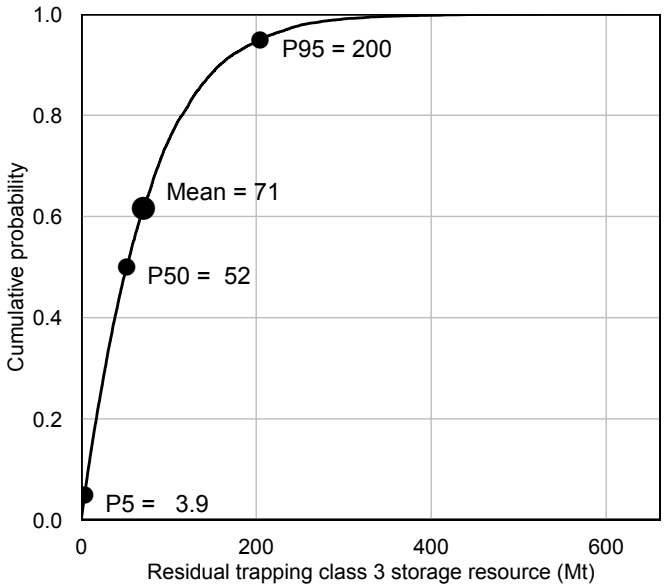




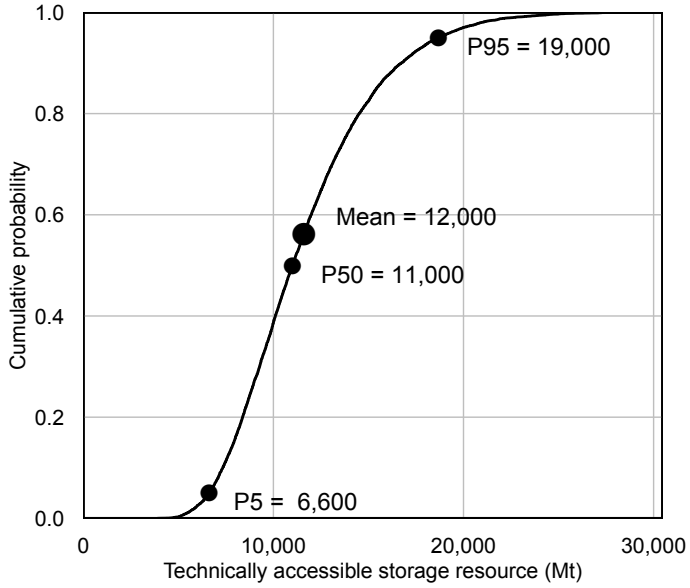


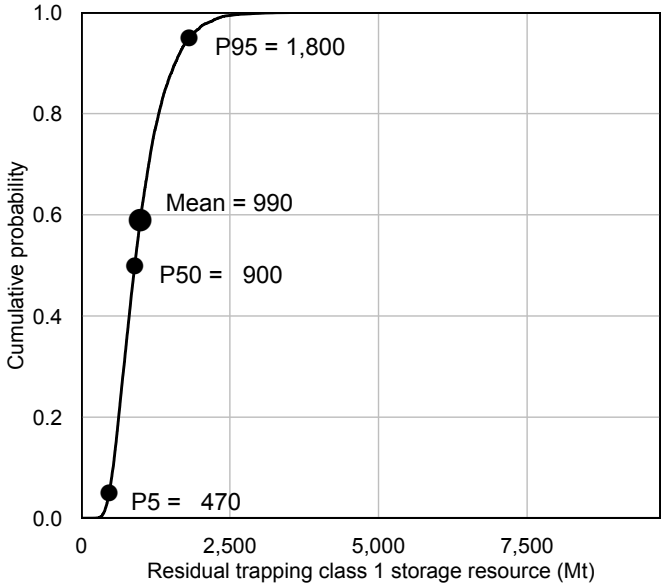


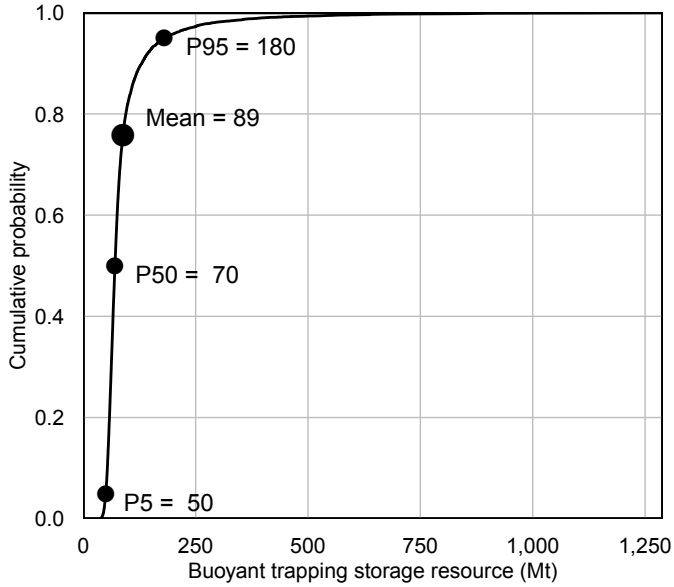


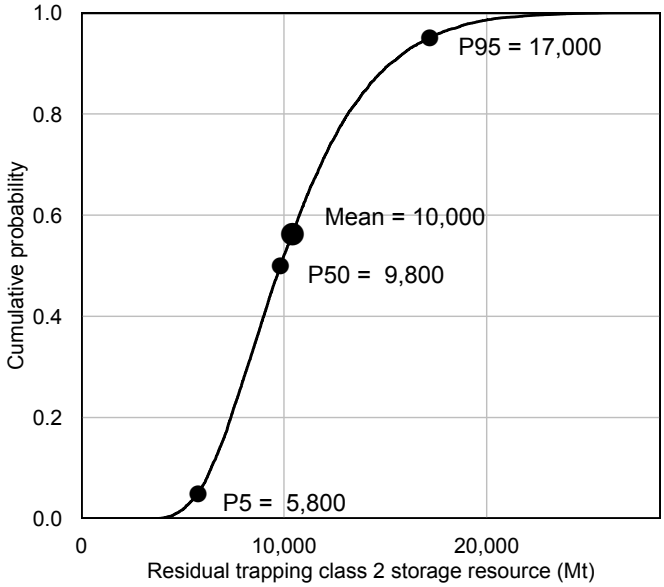


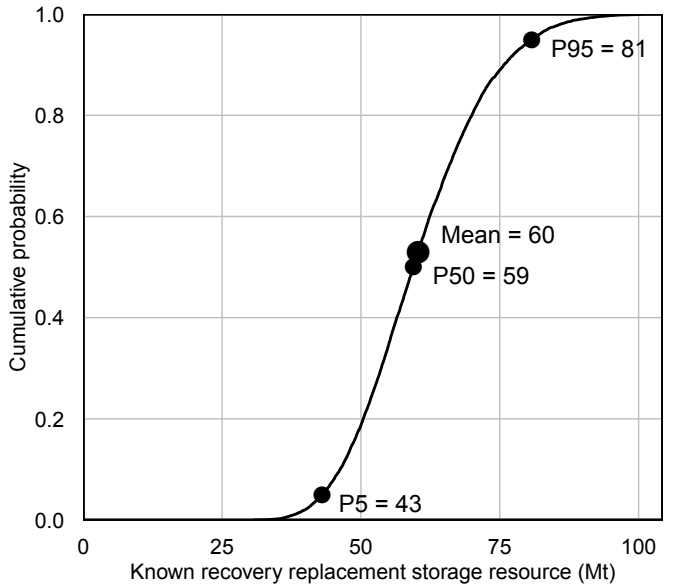
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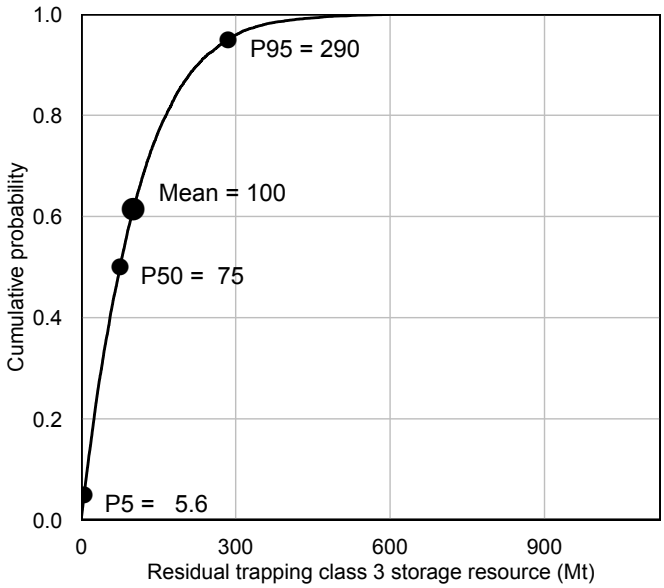




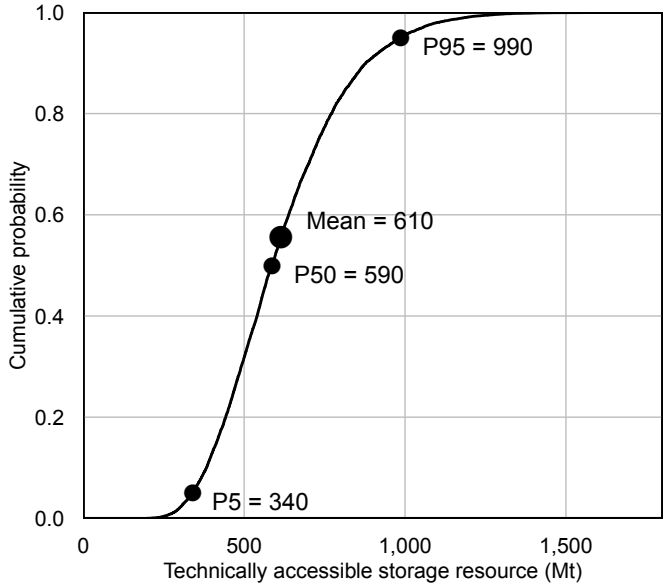


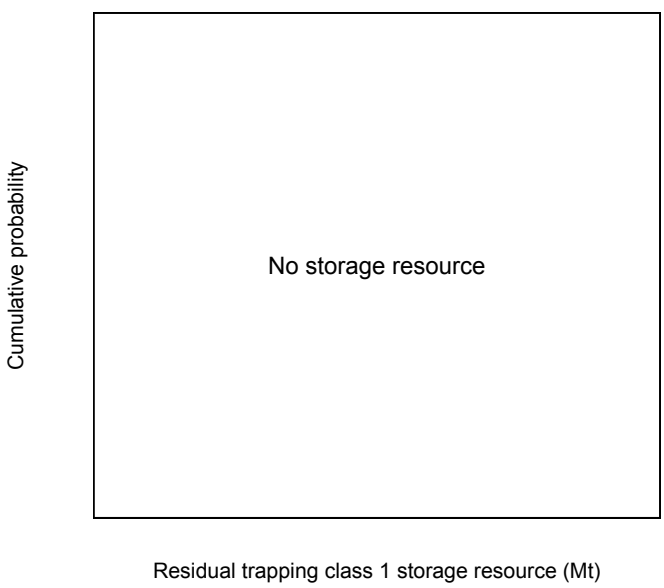


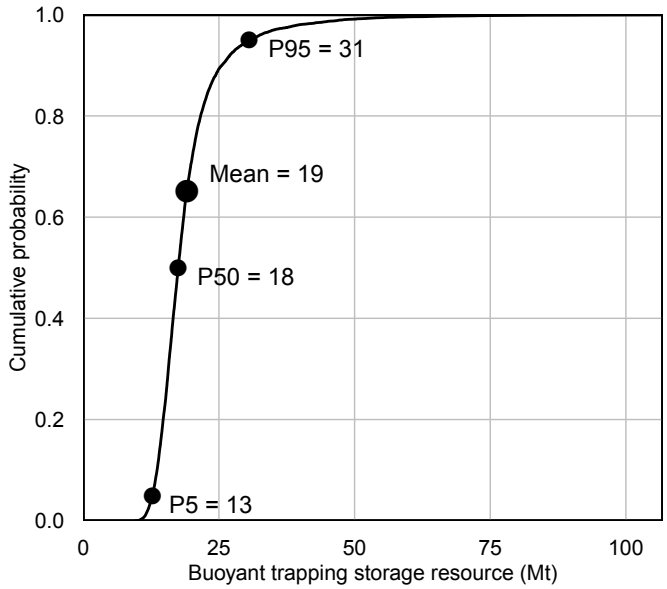


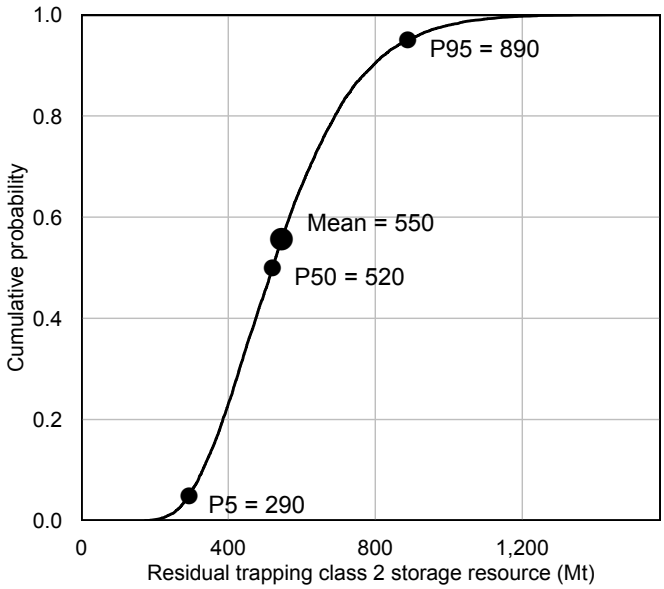


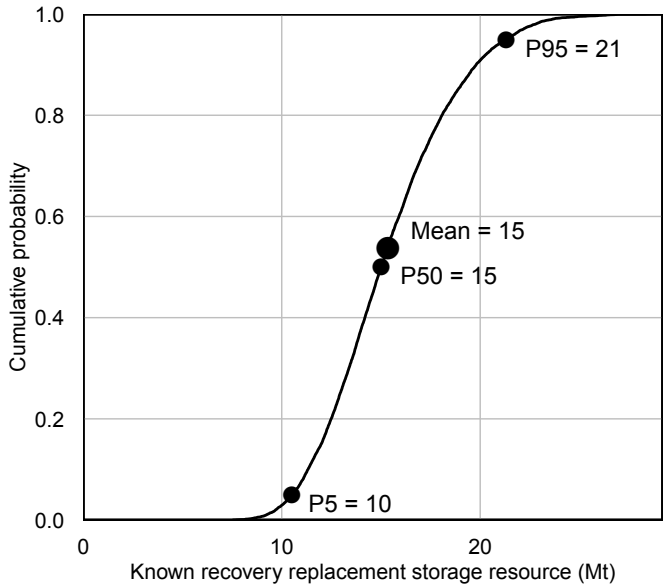
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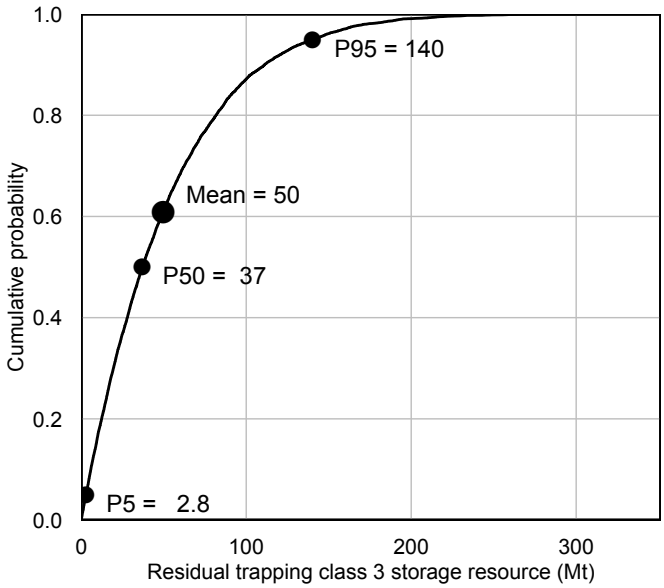




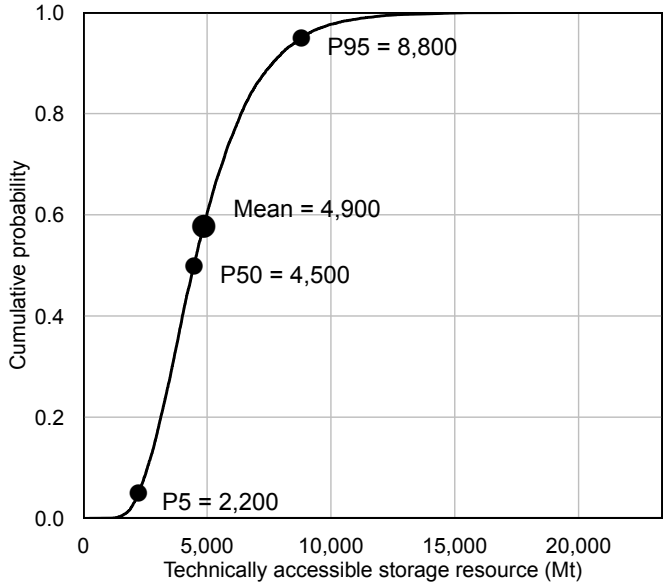


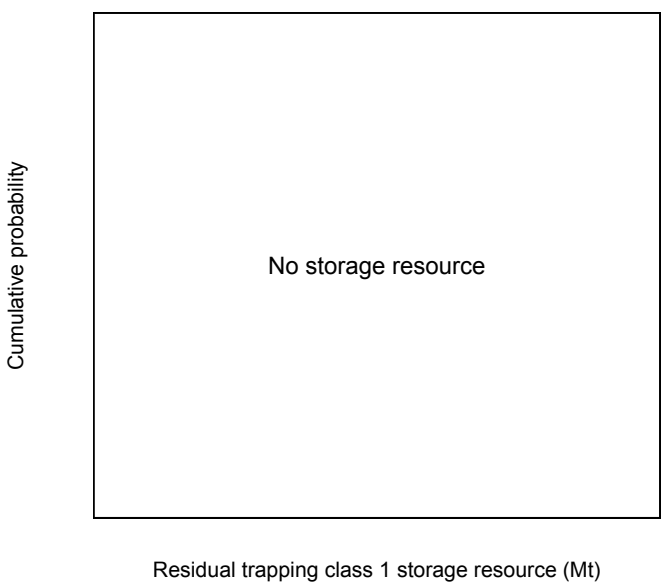


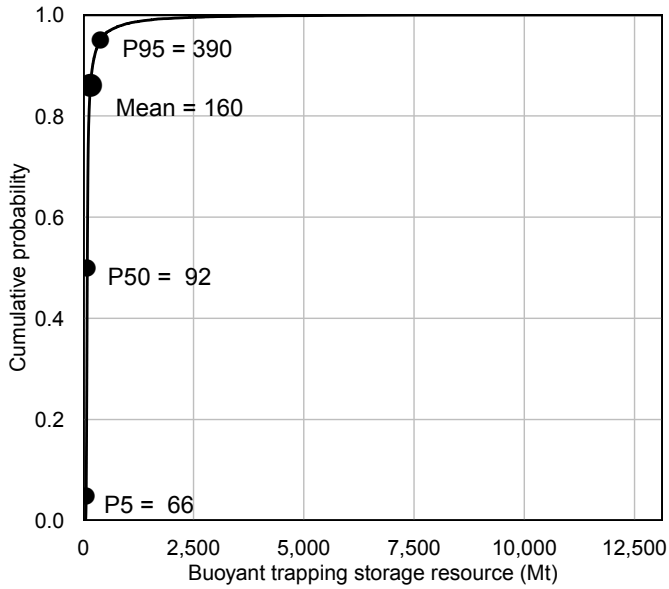


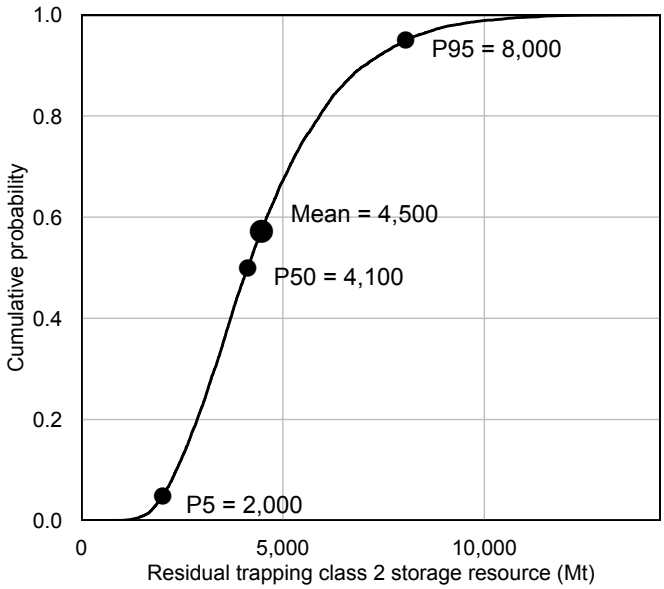


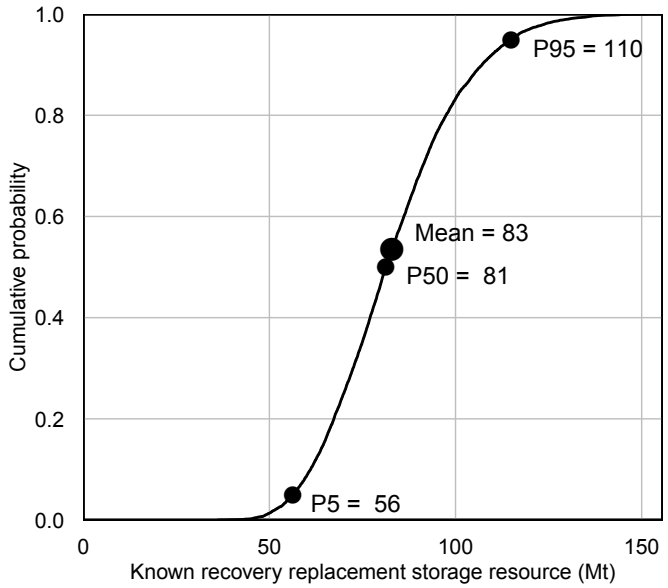
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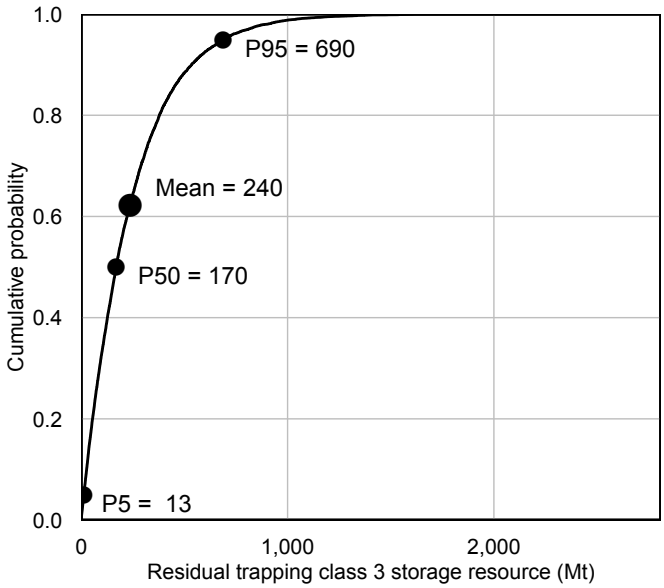




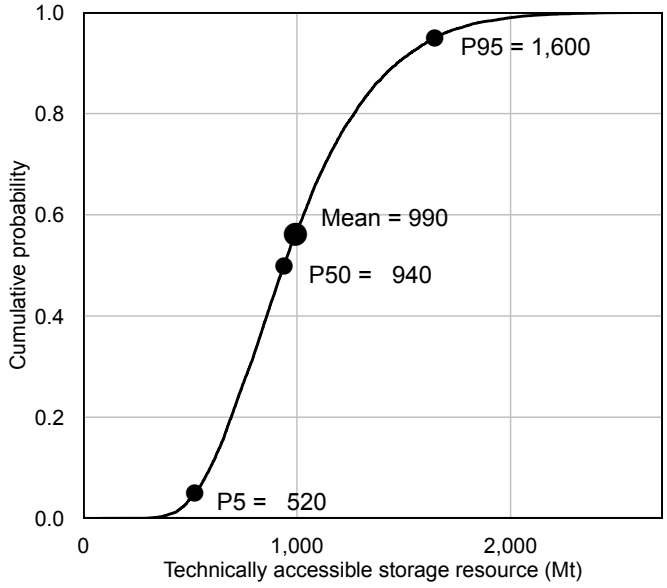


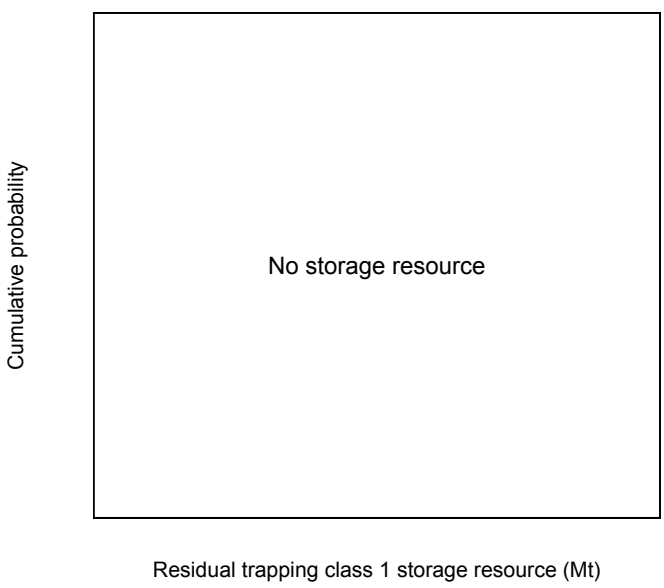


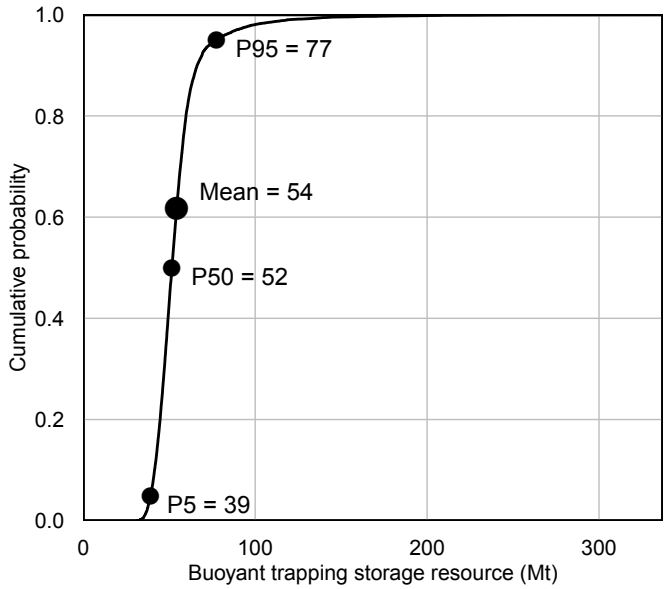


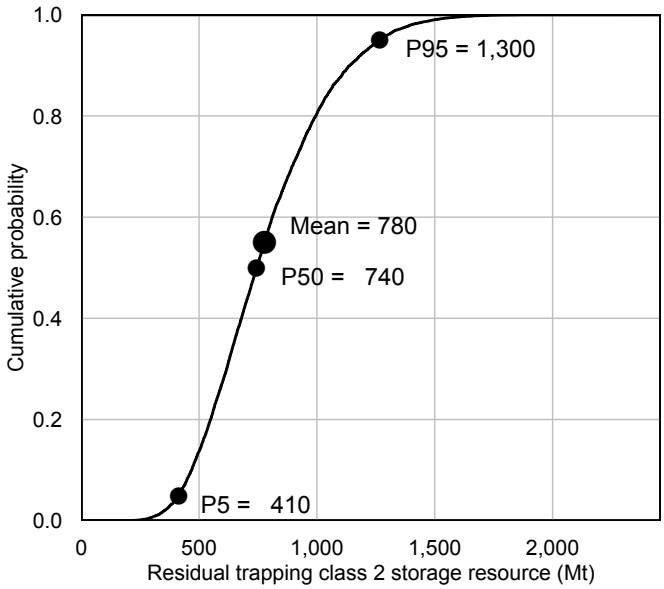


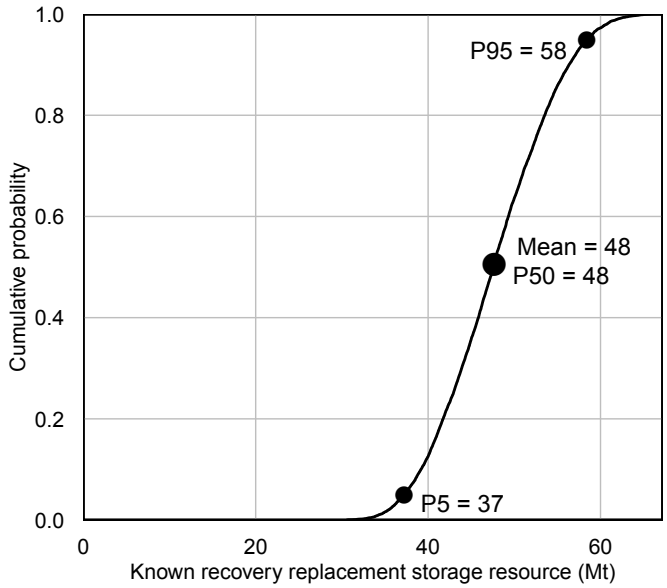
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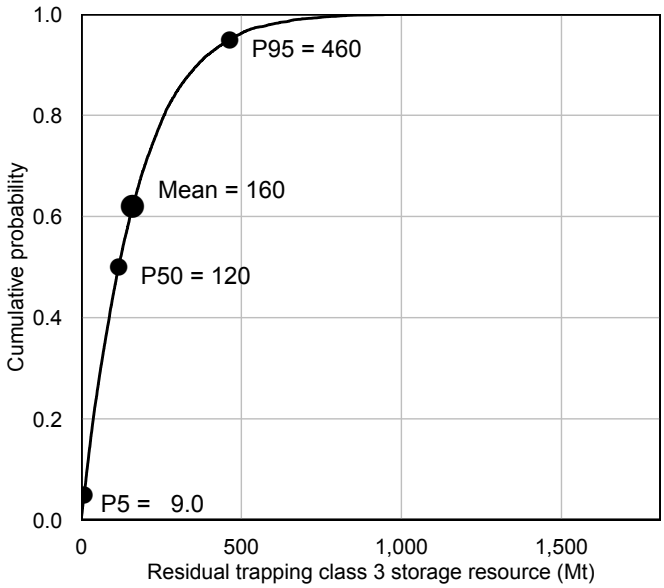




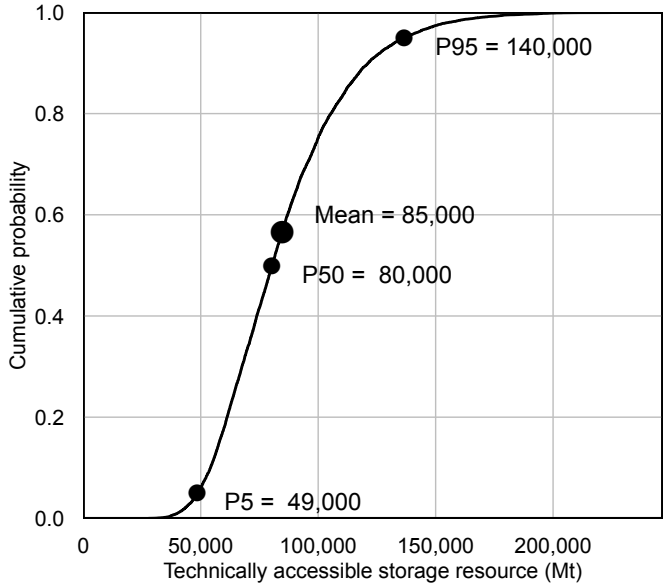


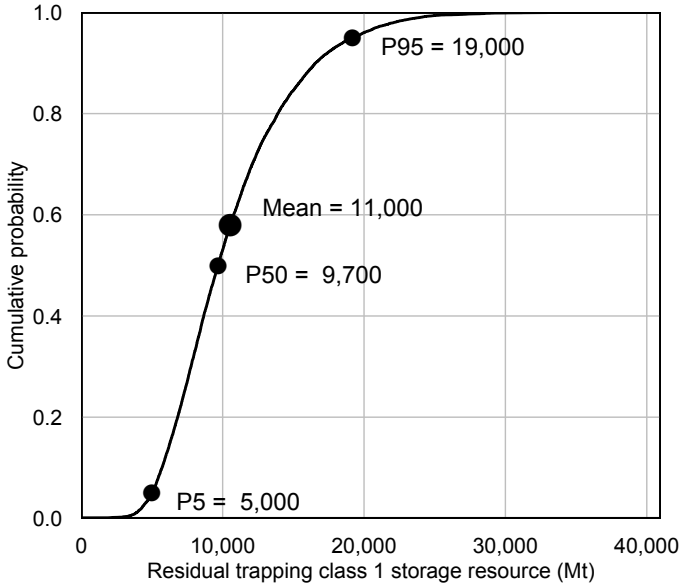


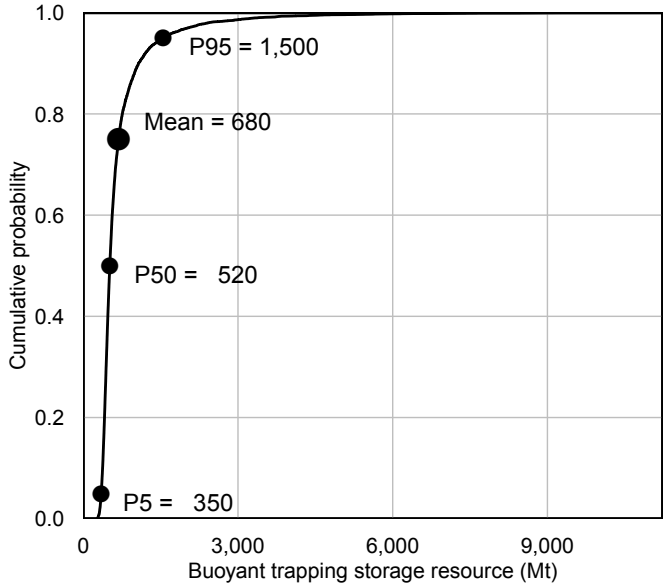


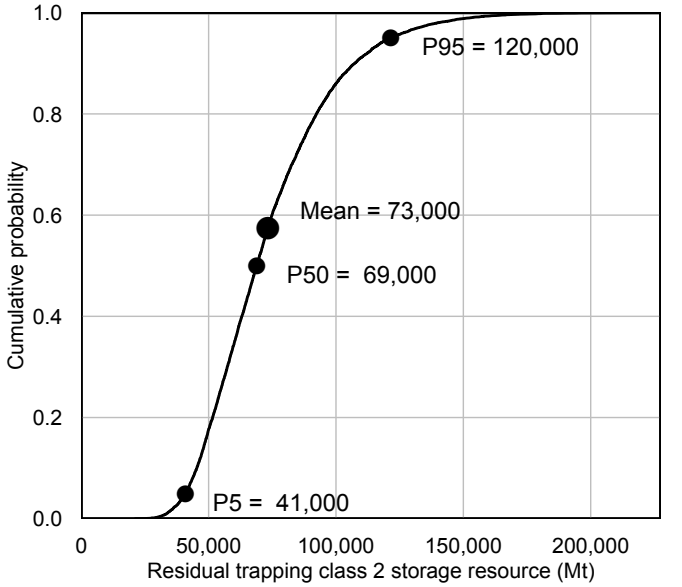


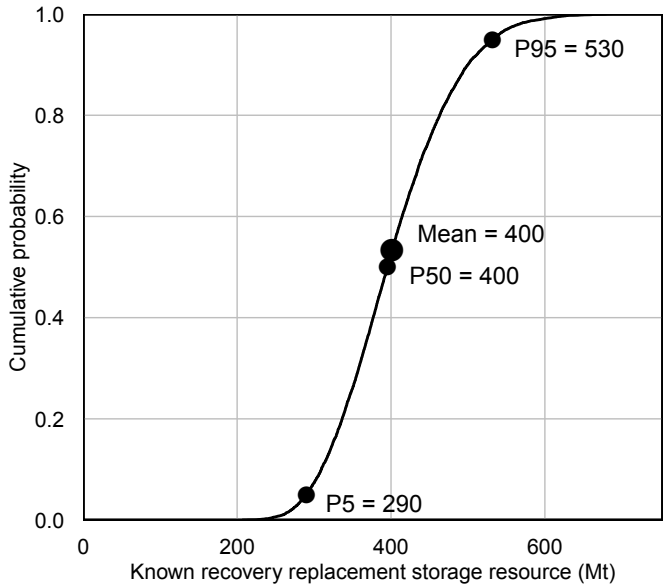
U.S. Gulf Coast C50490116

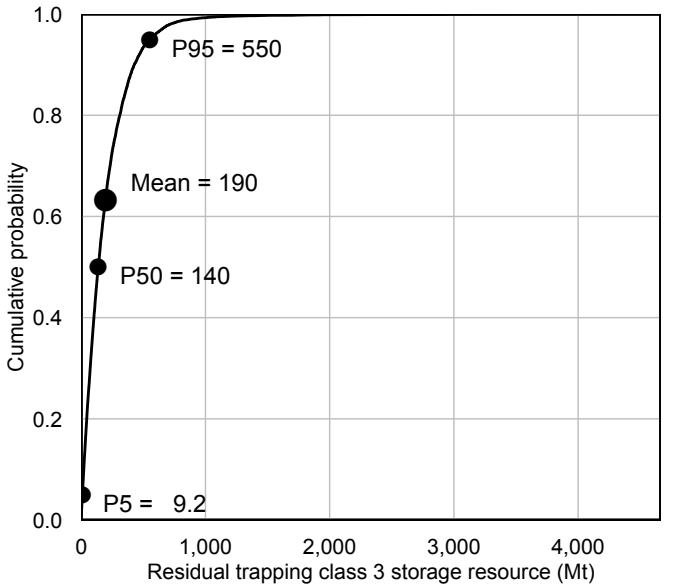




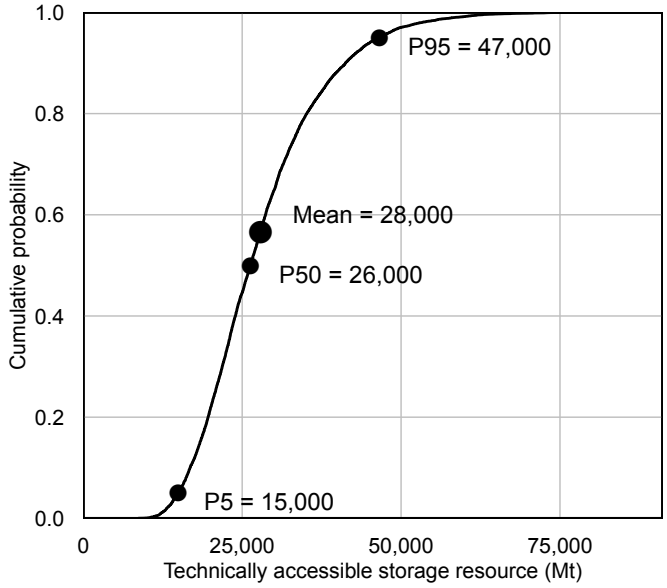


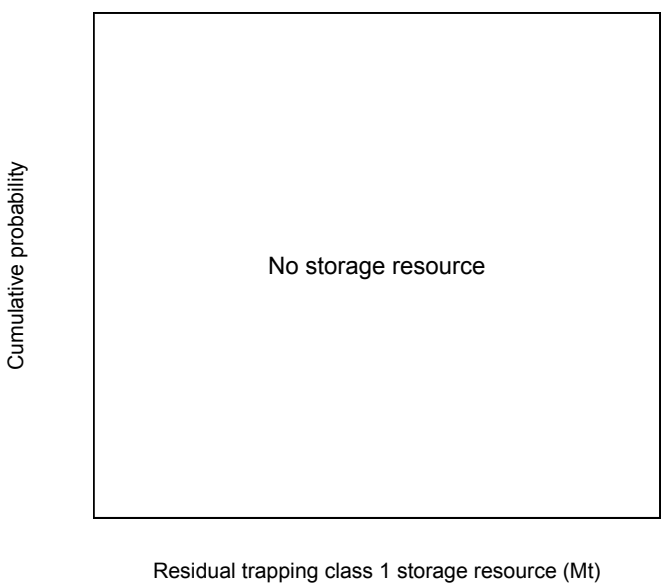


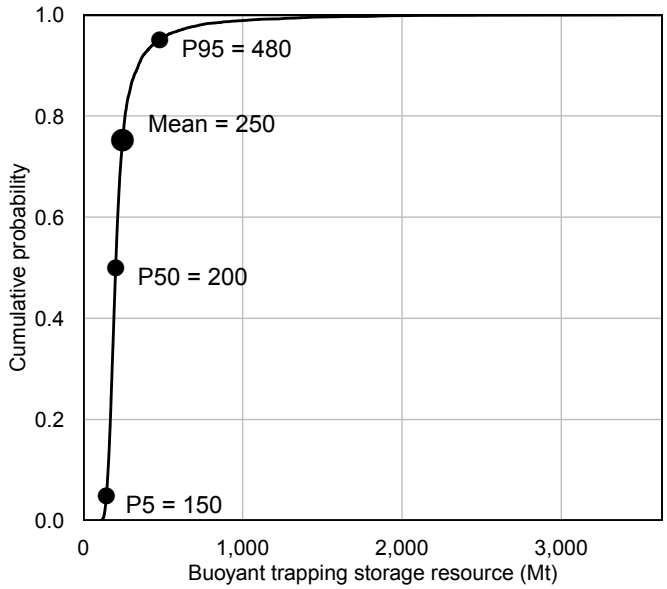


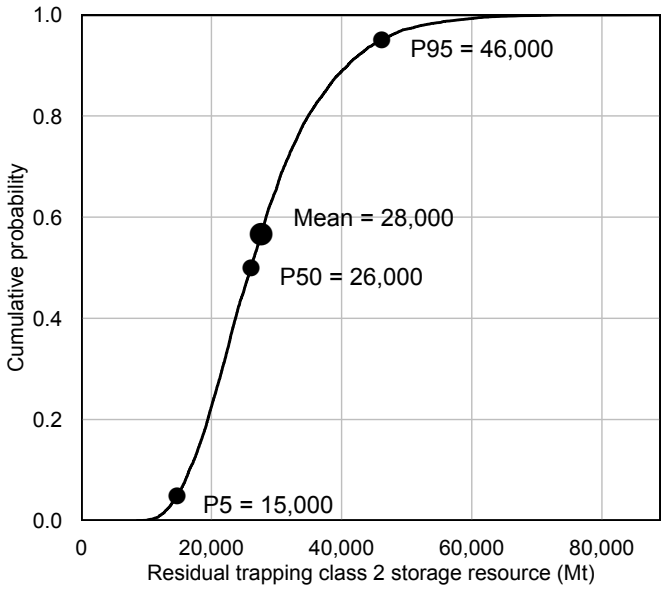


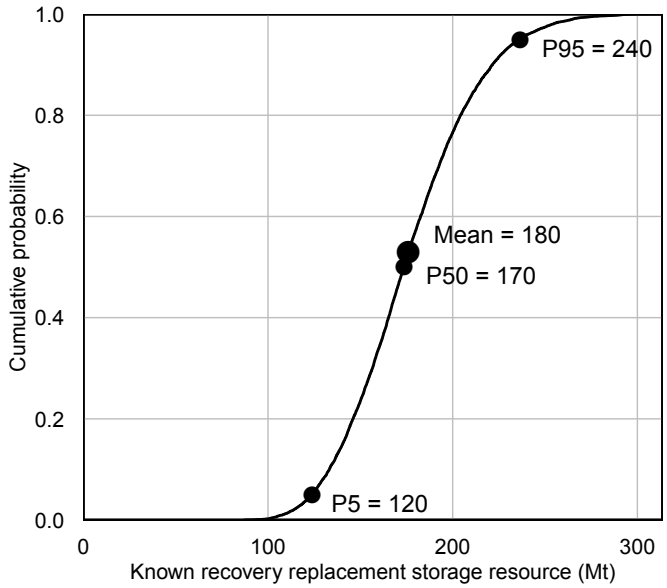
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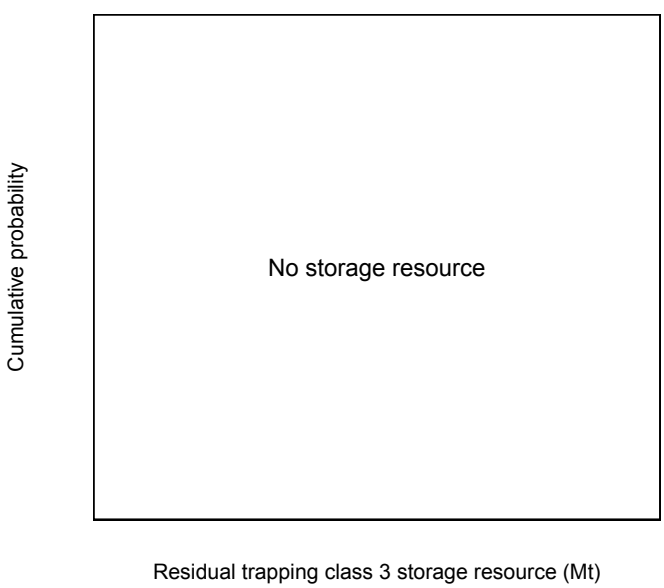




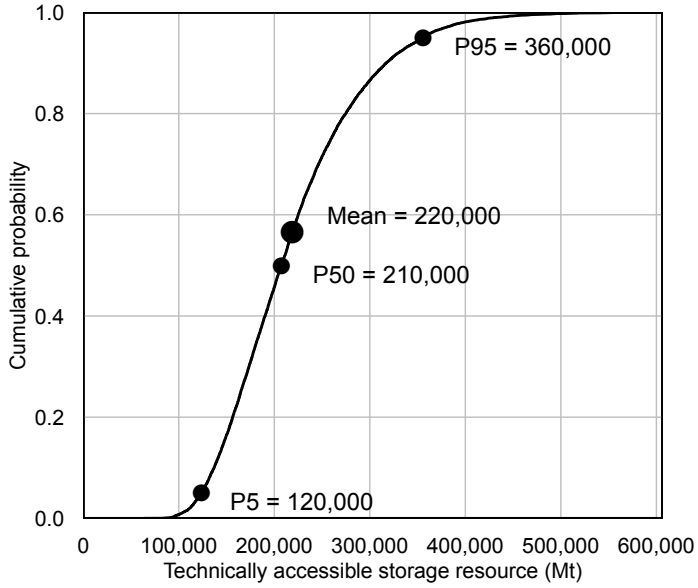


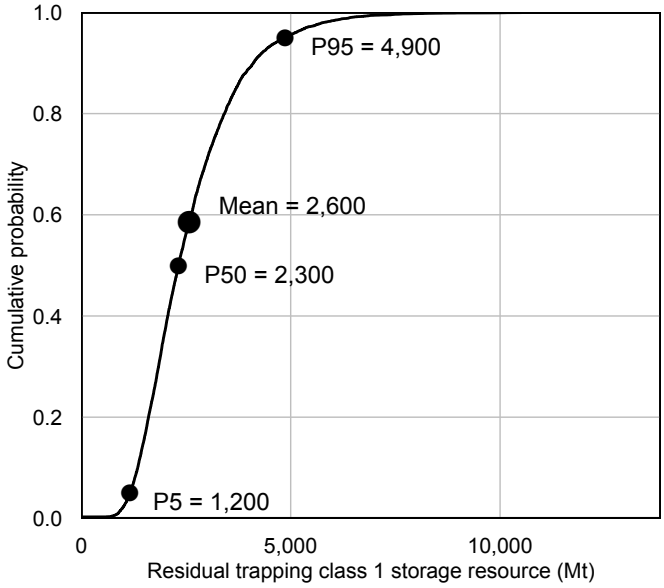


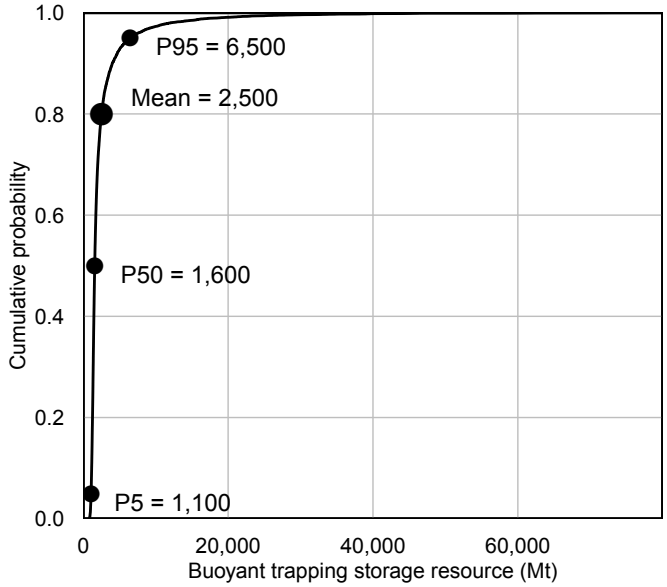


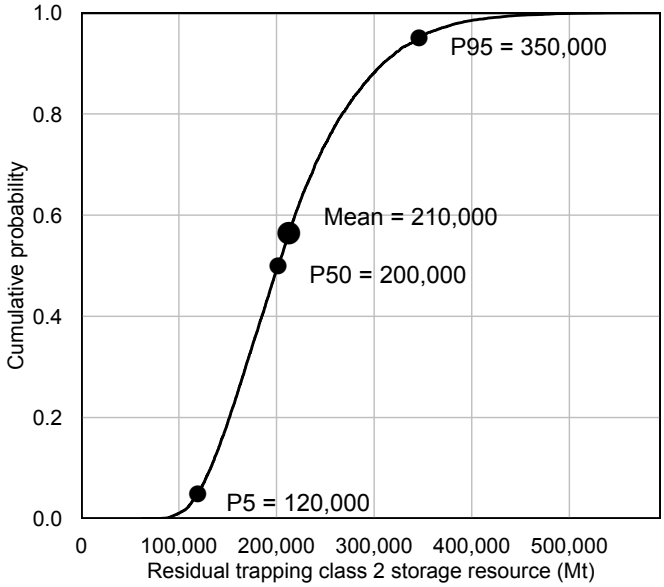


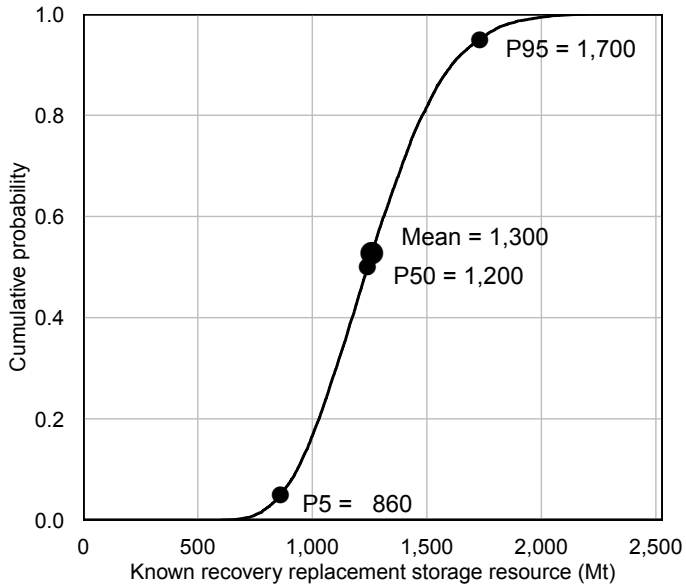
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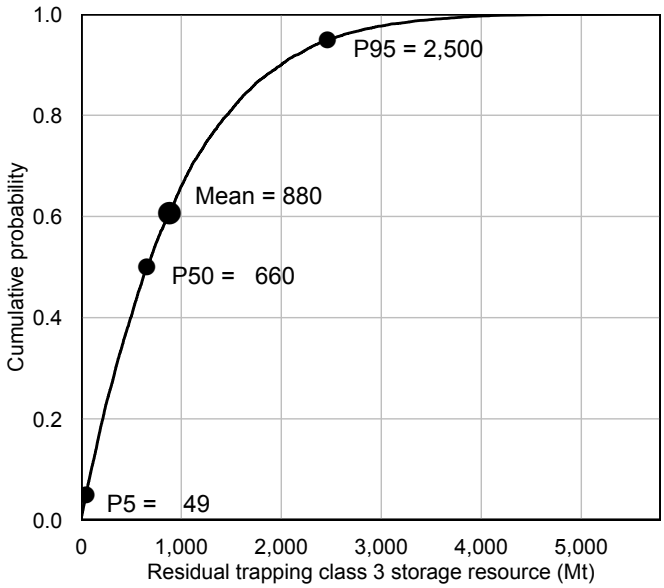




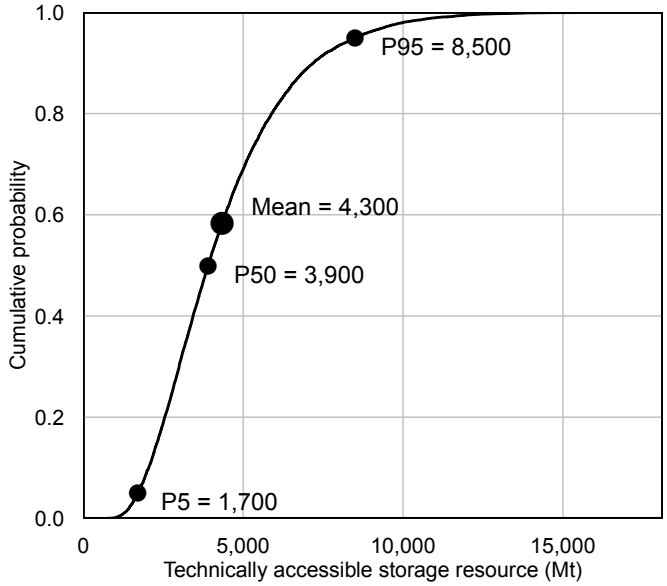


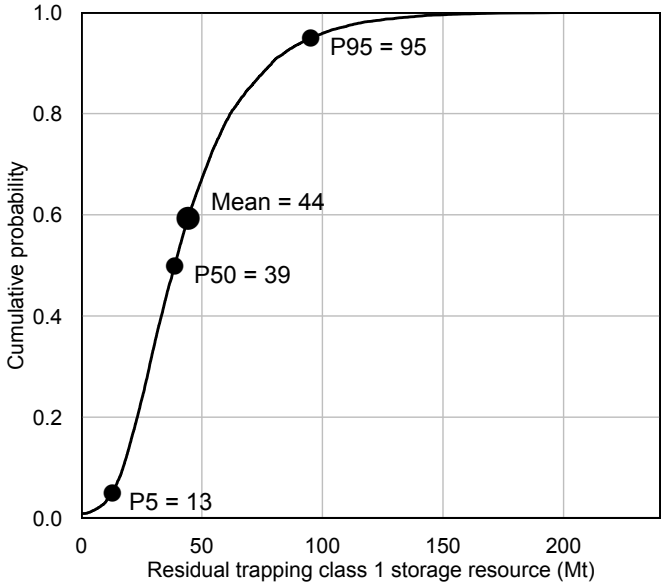


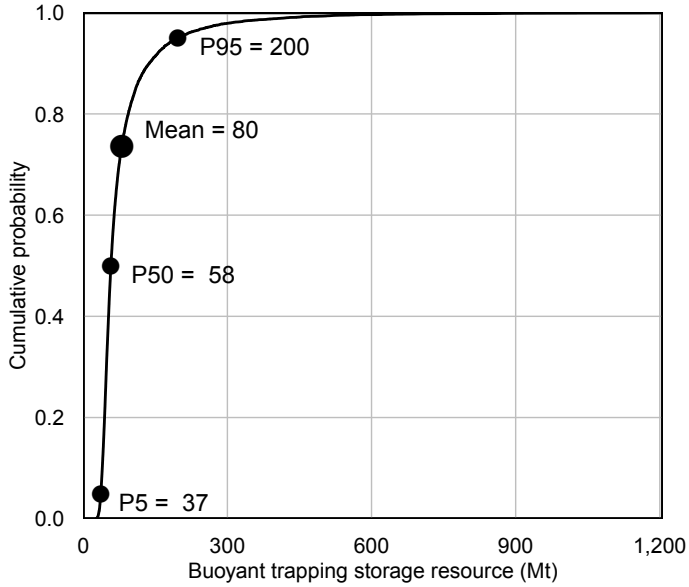


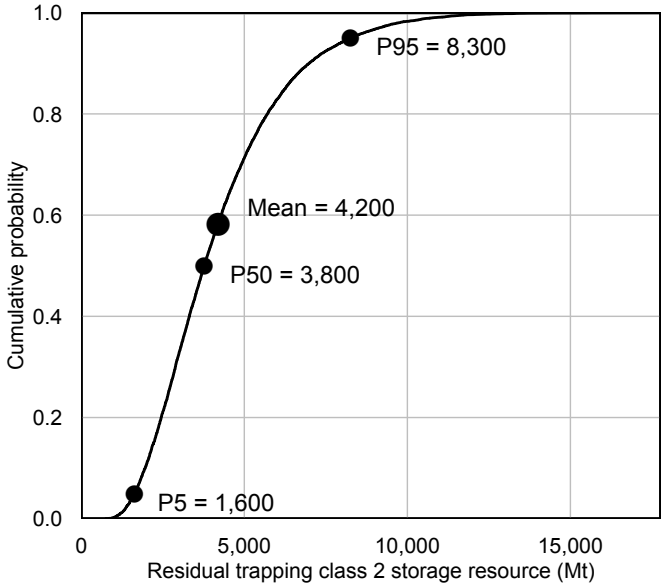


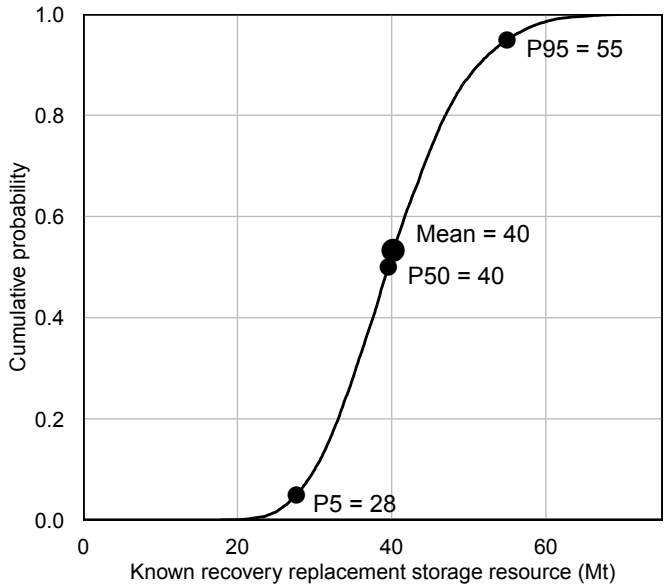
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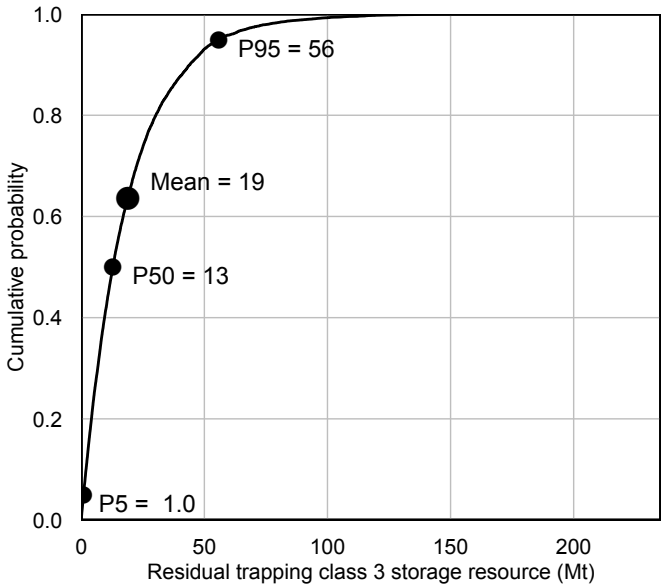




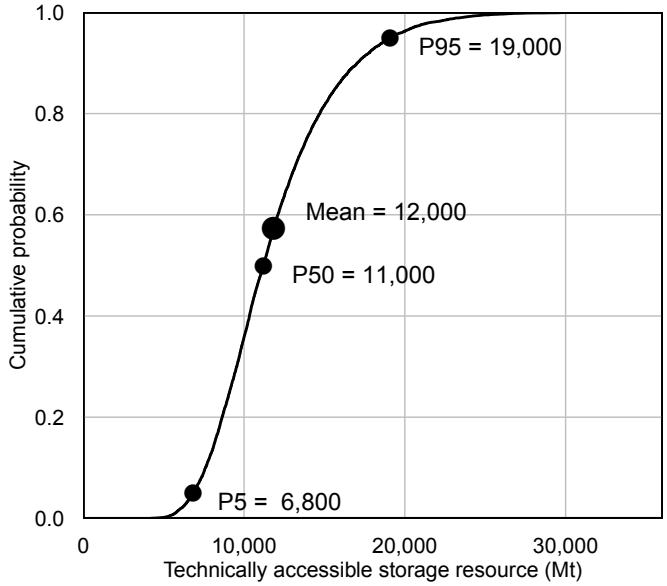


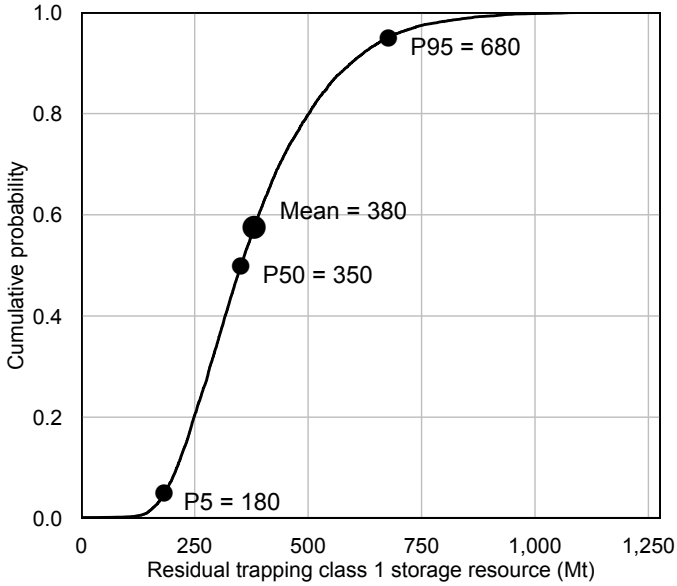


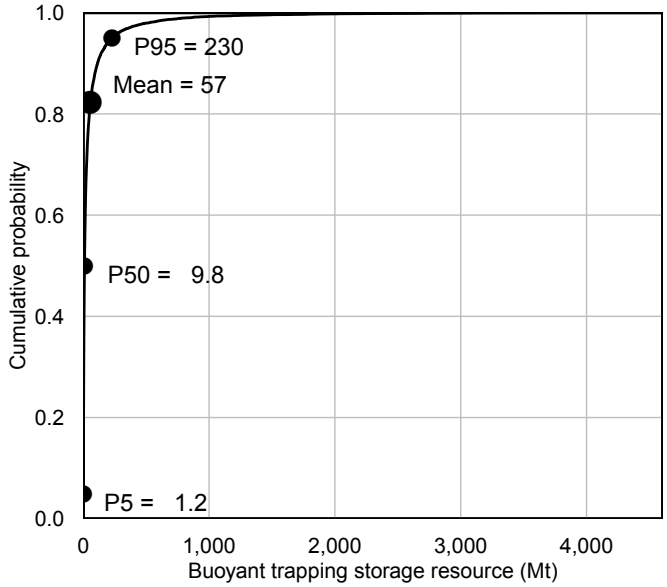


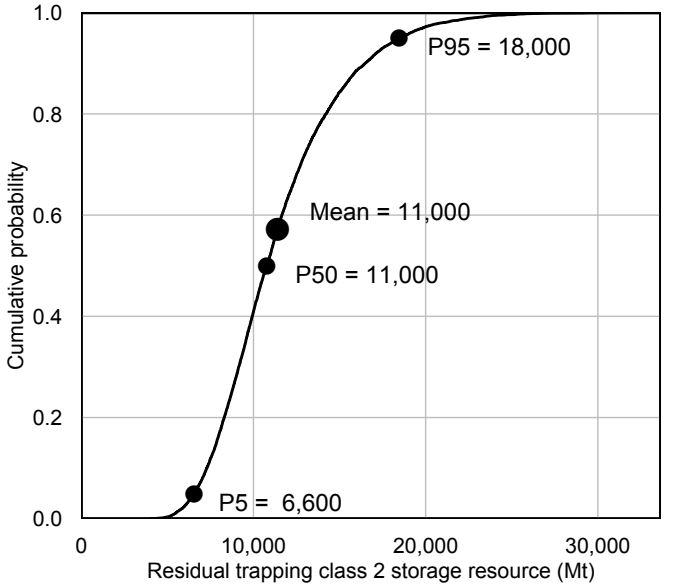


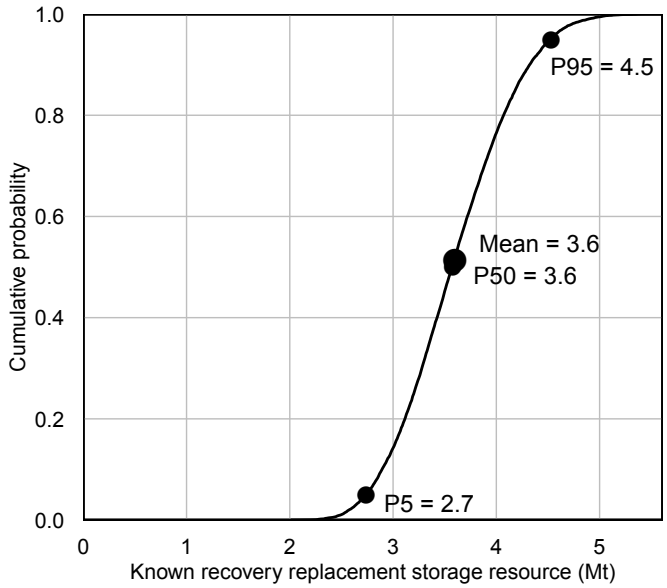
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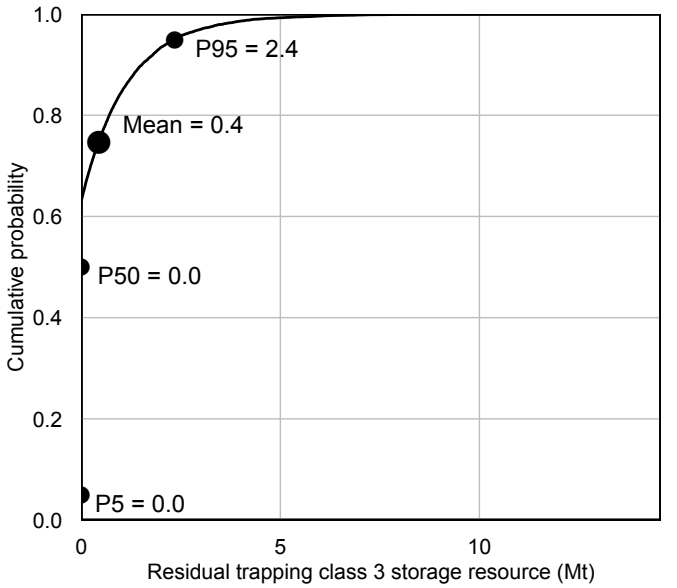




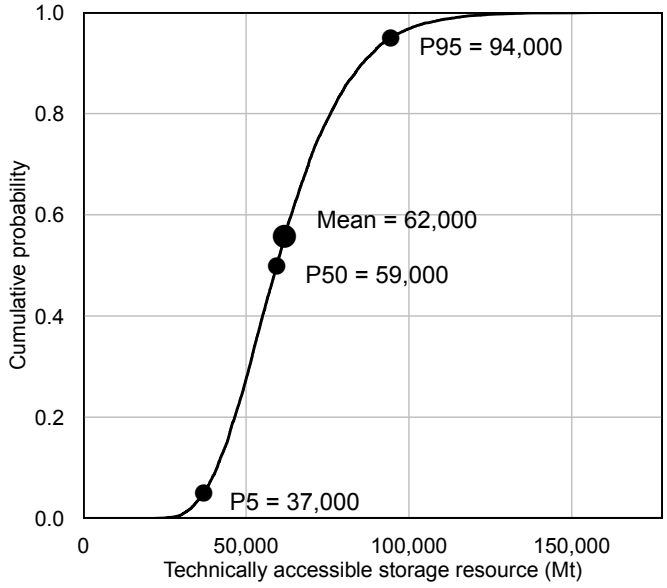


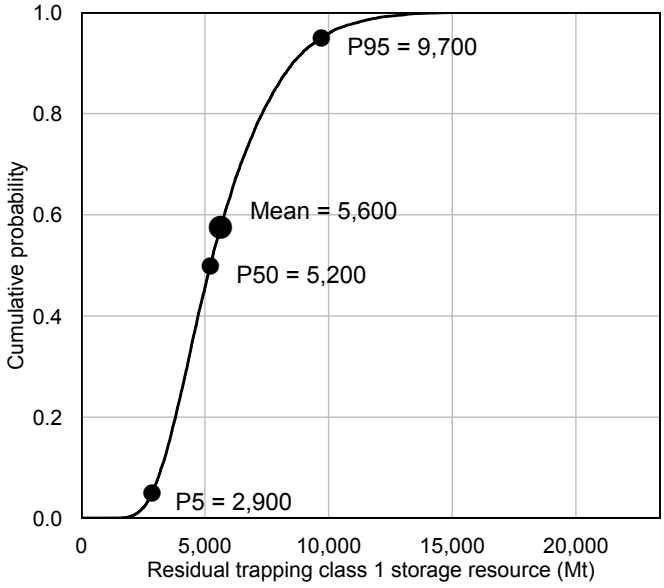


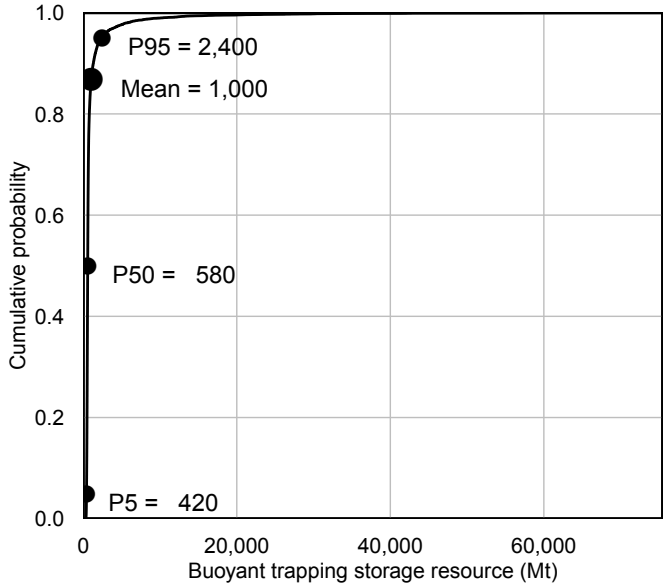


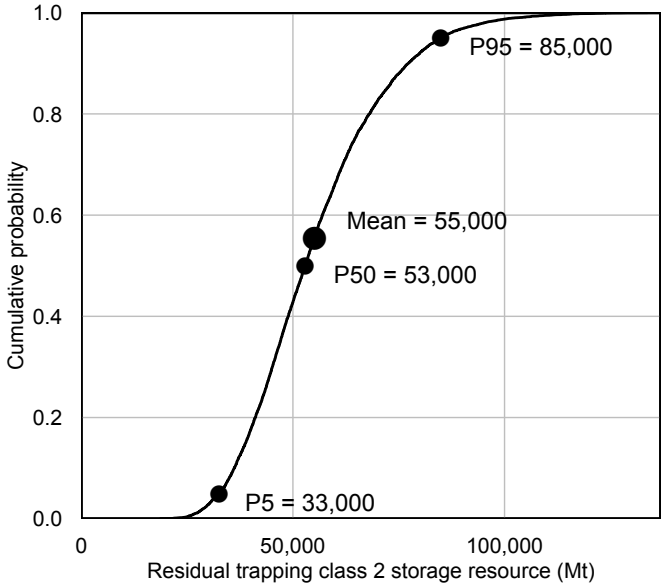


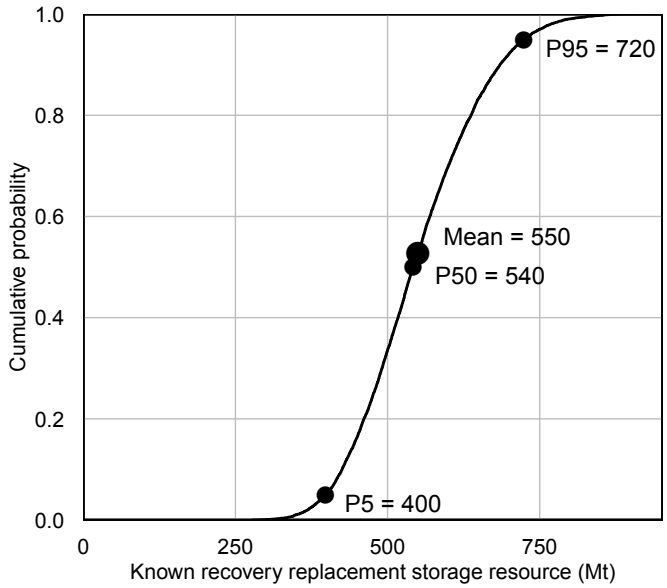
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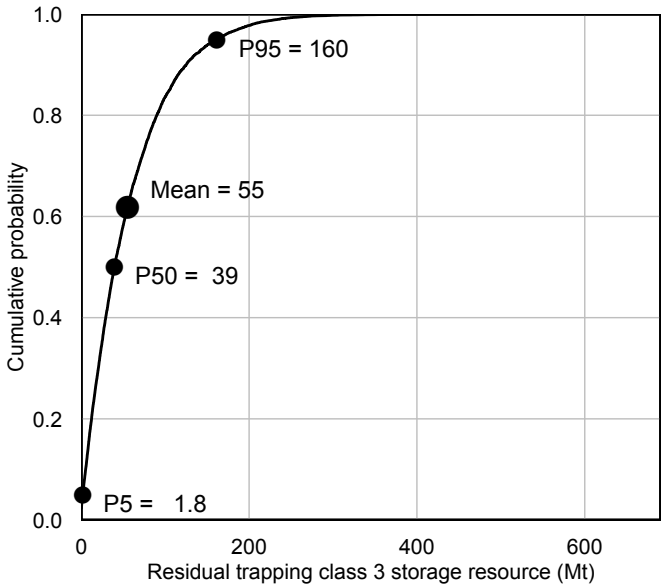




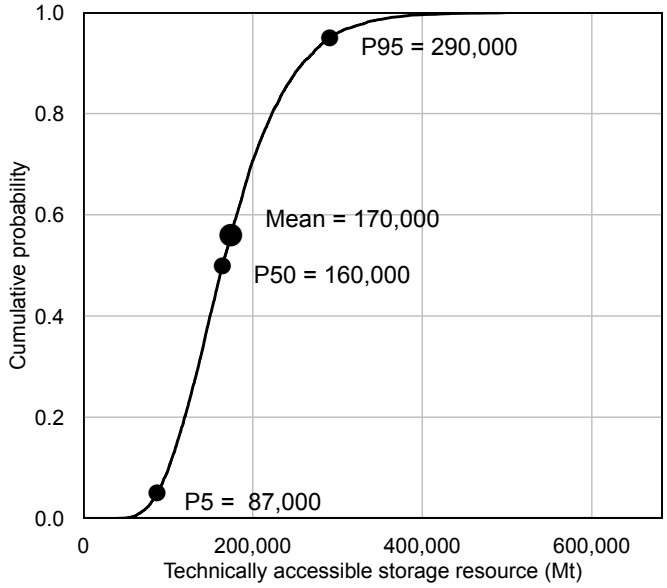


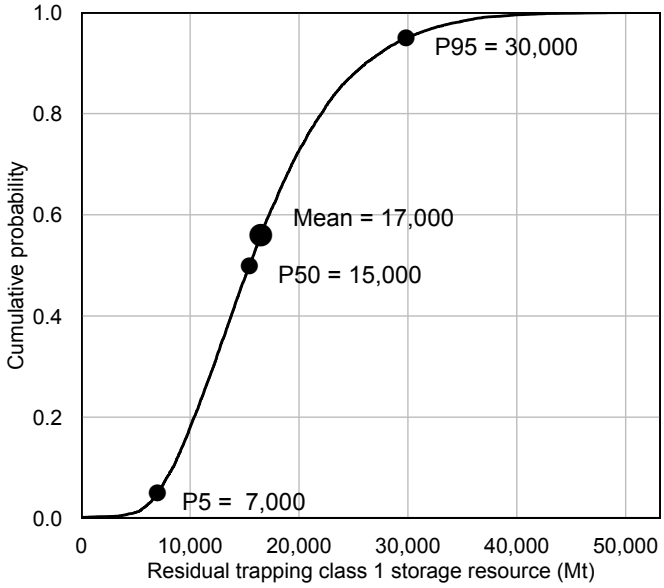


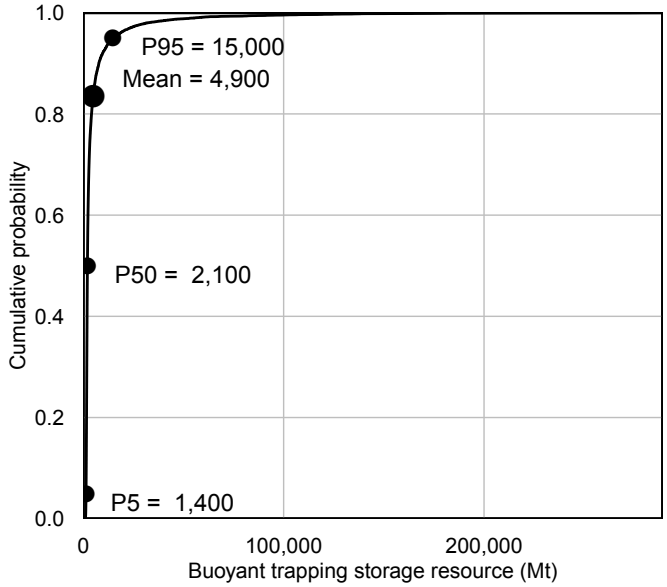


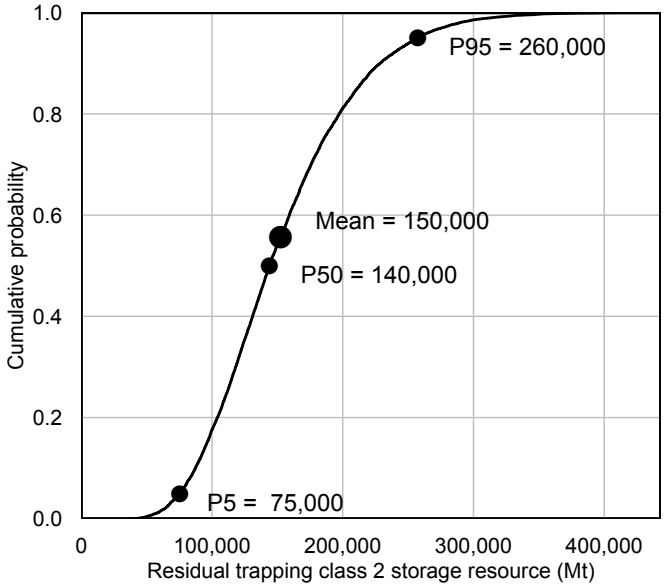


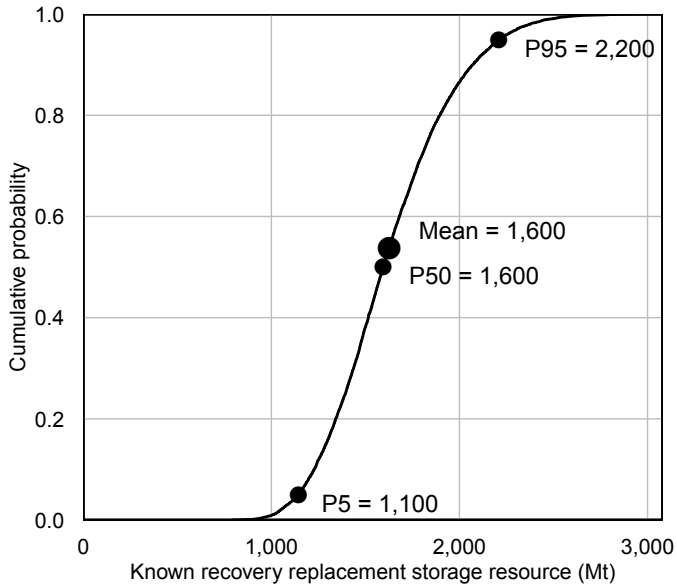
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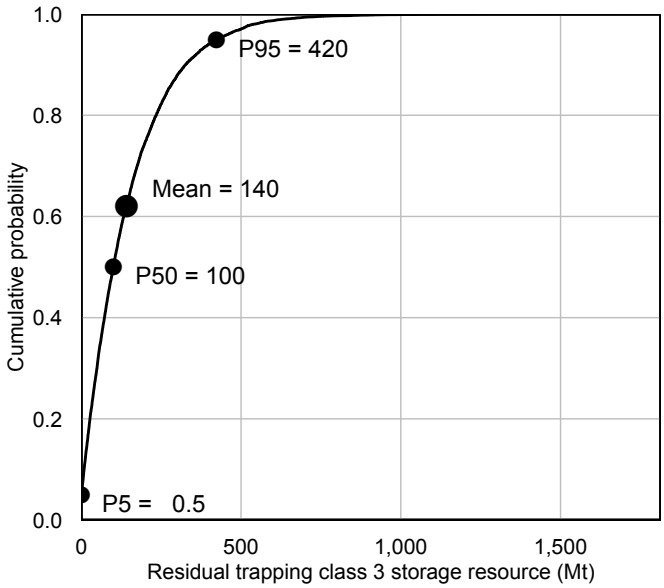




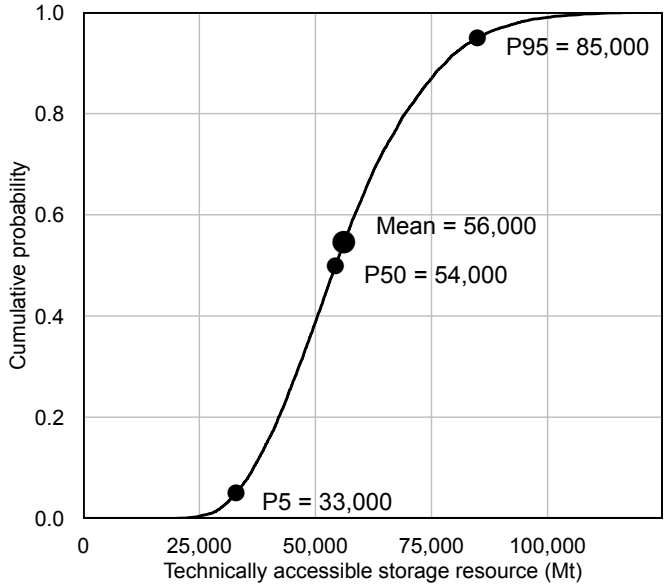


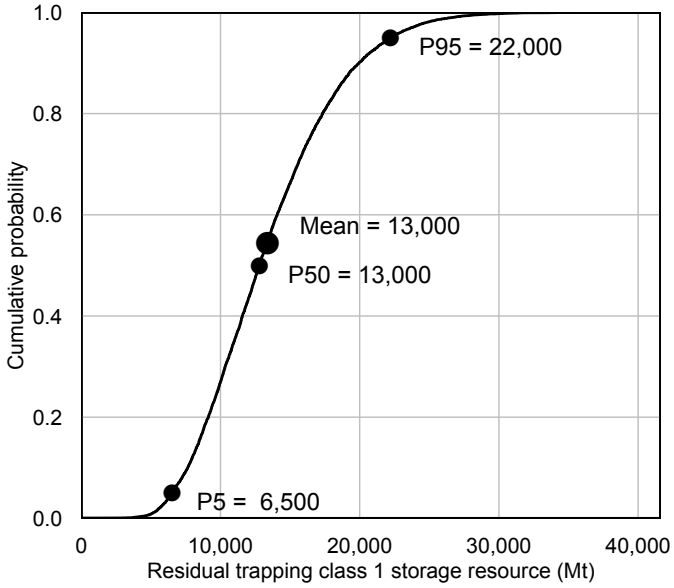


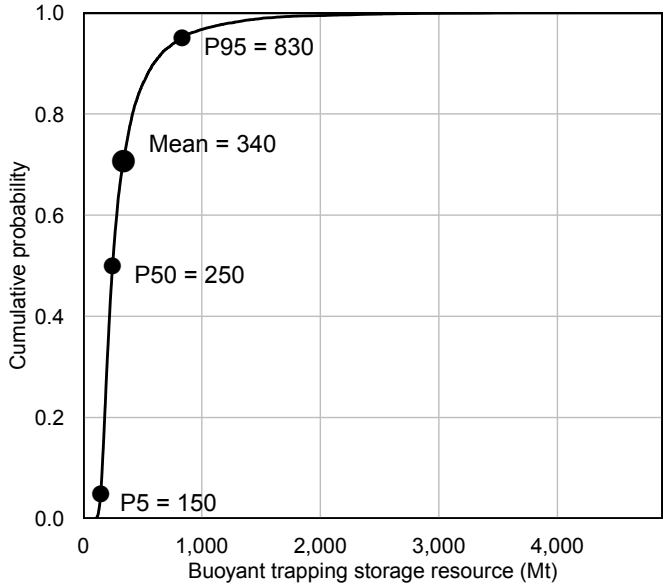


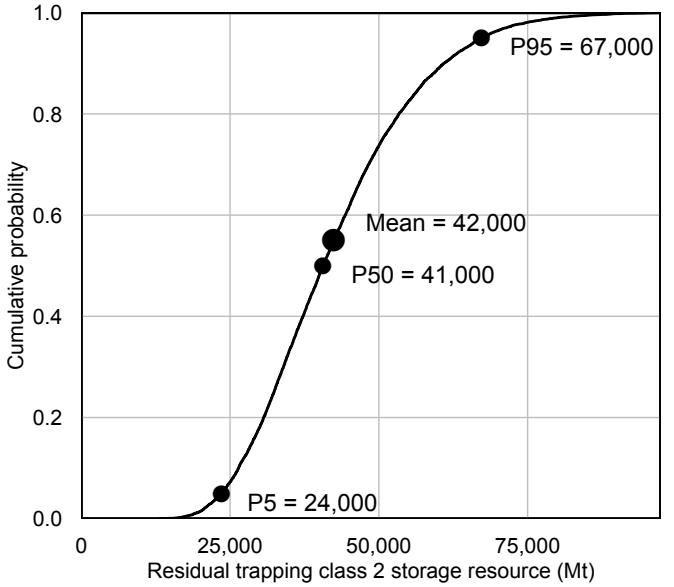


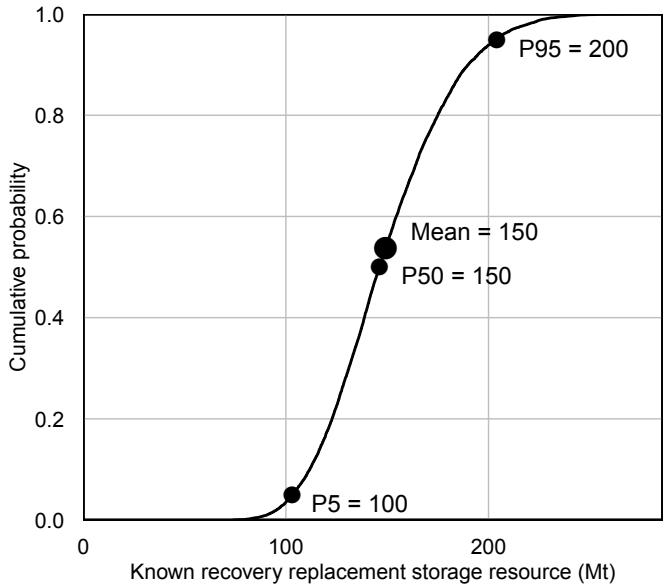
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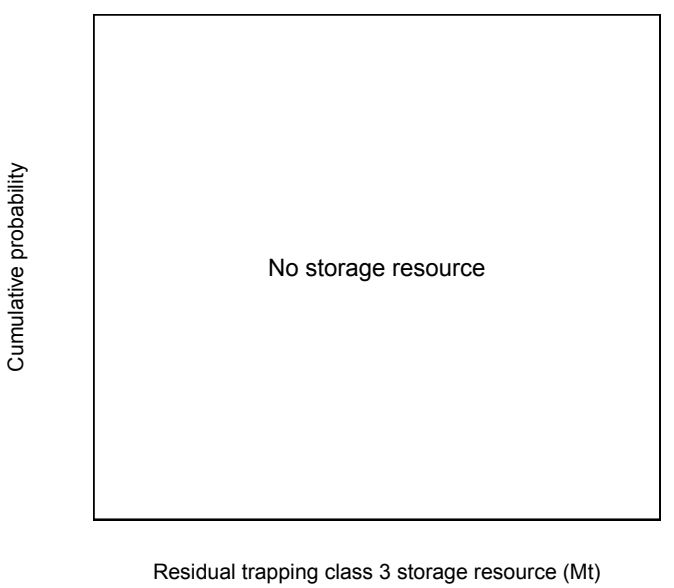




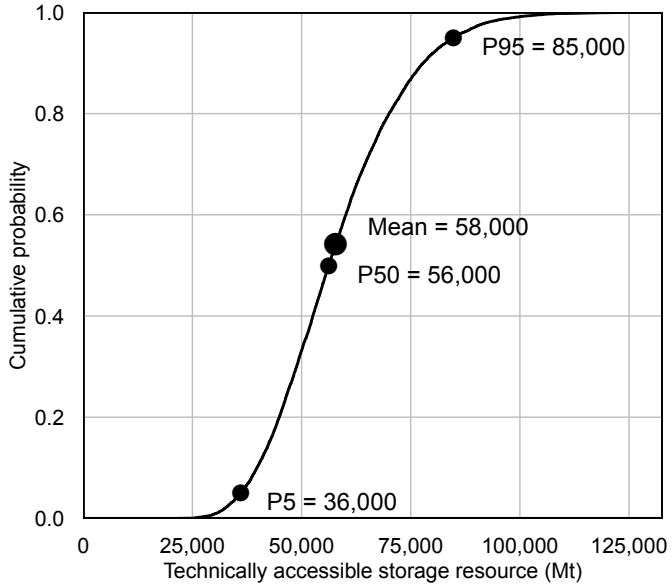


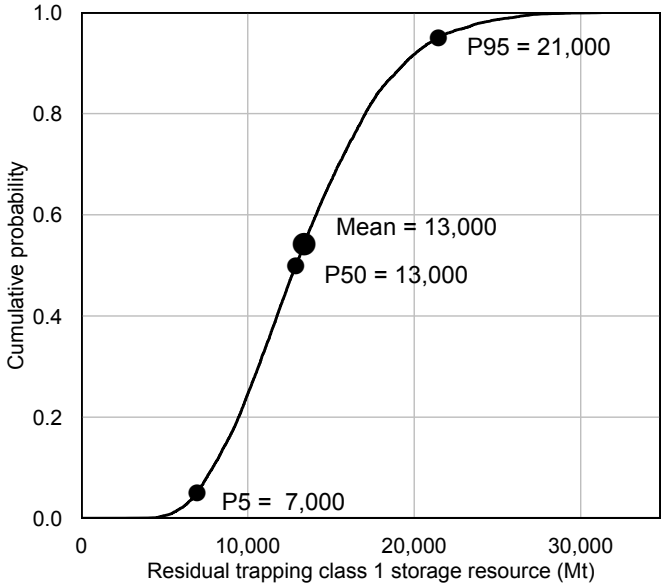


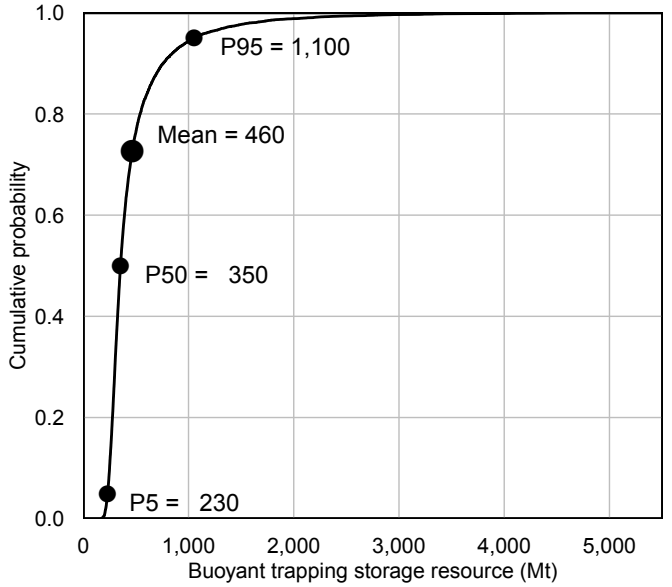


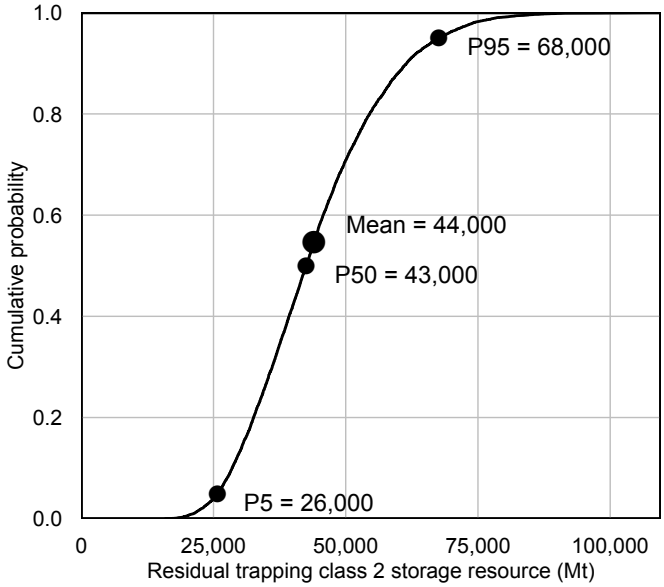


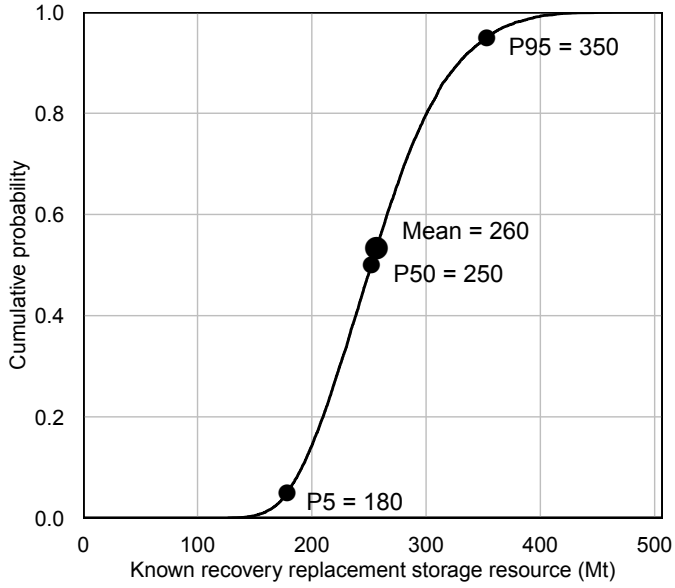
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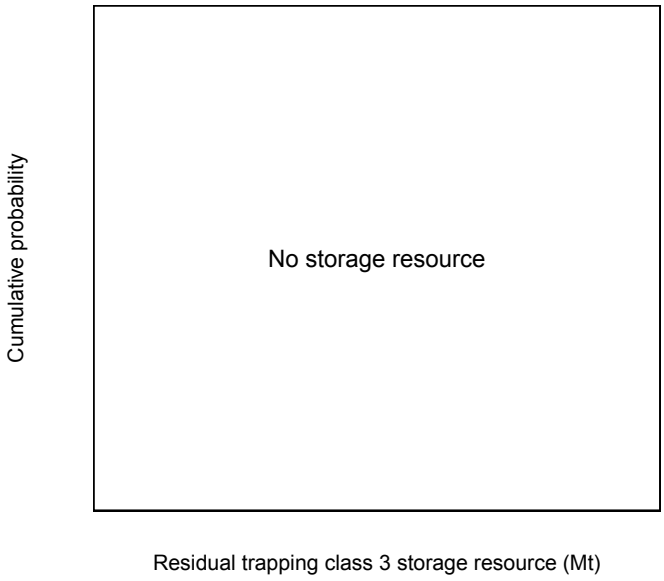




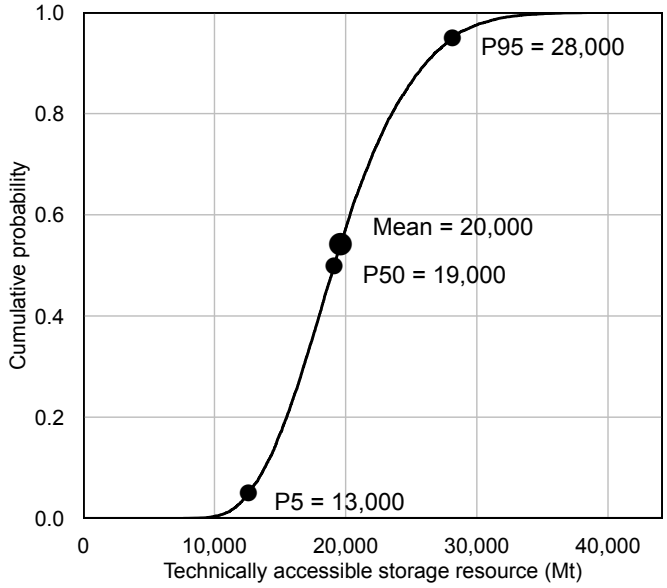


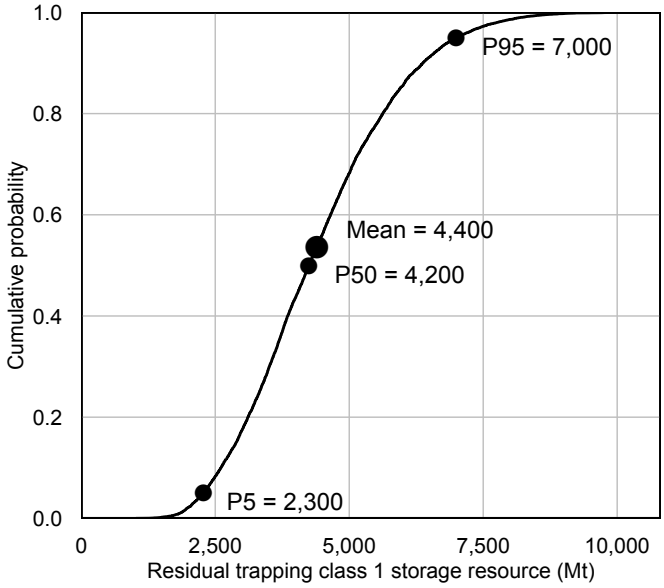


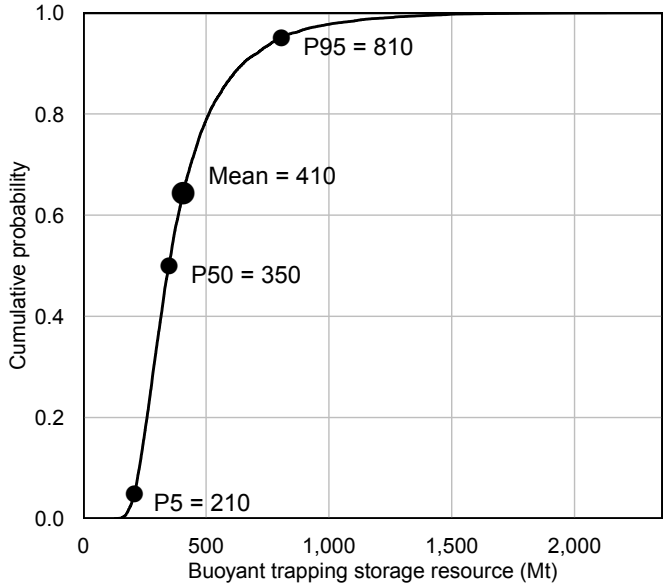


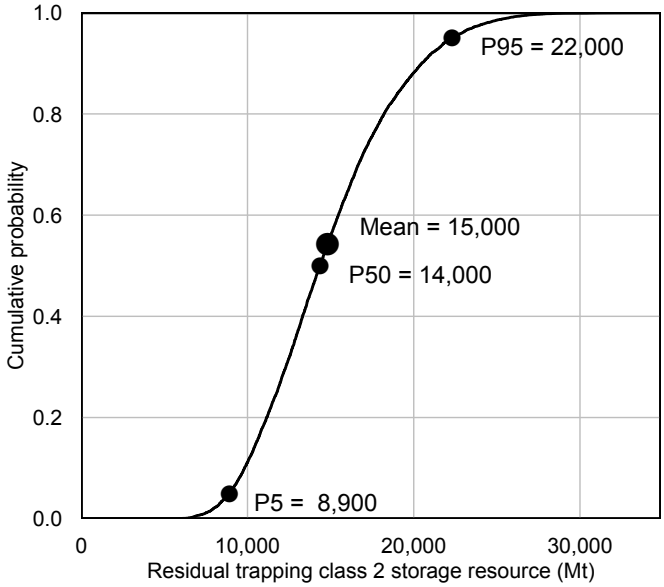


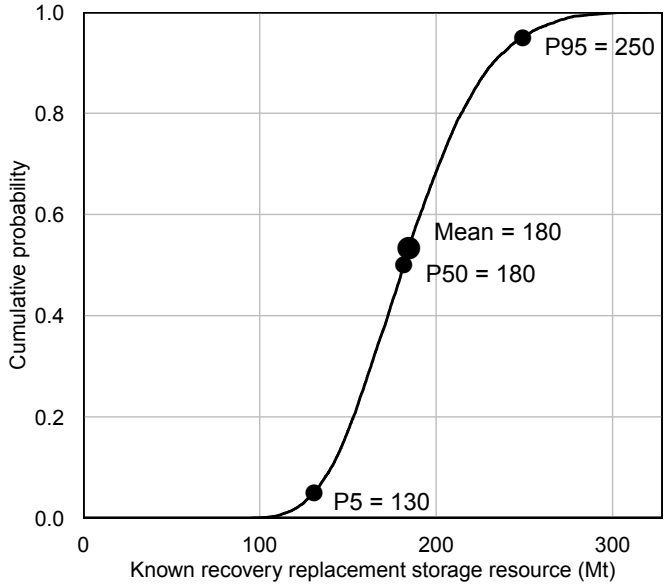
U.S. Gulf Coast C50470125

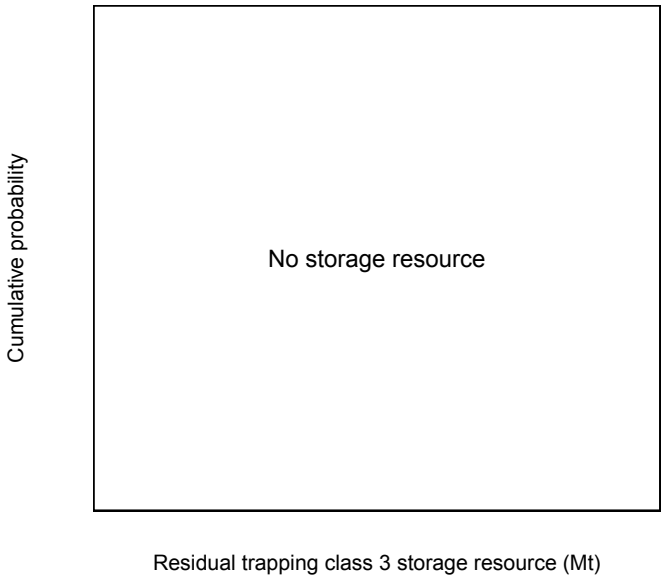




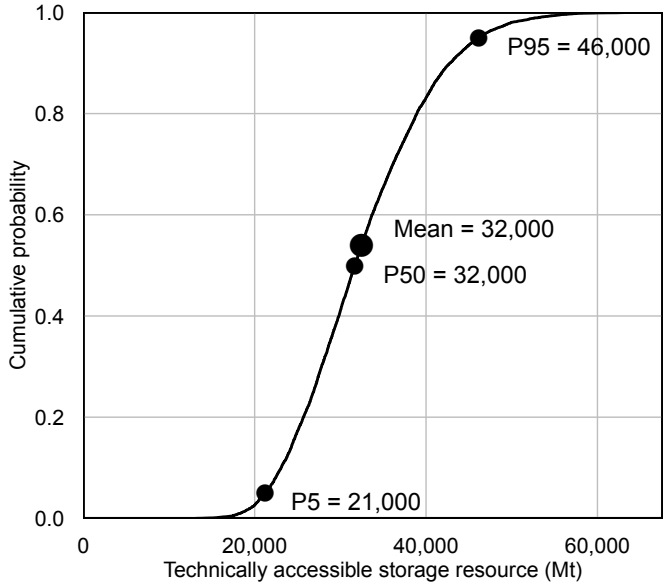


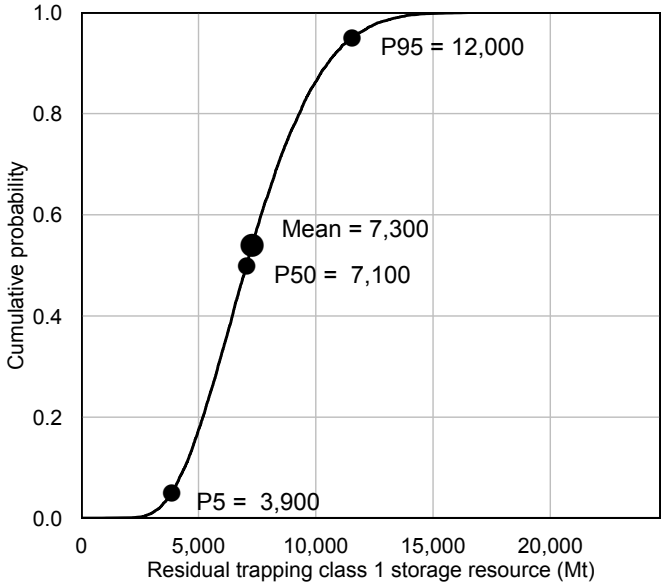


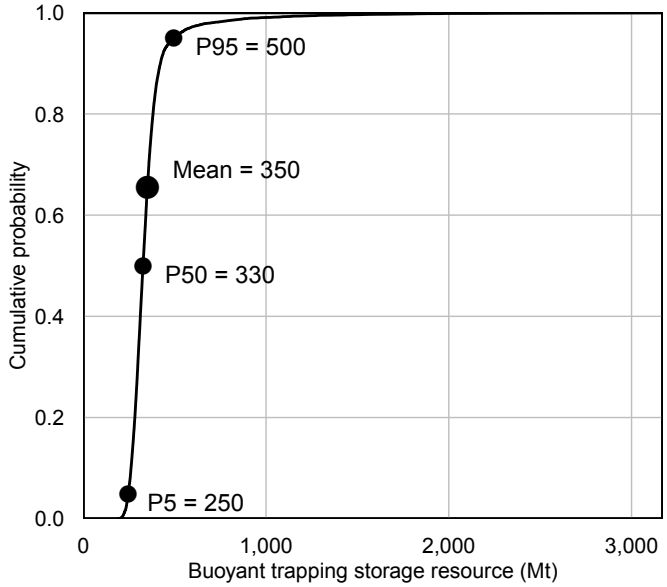


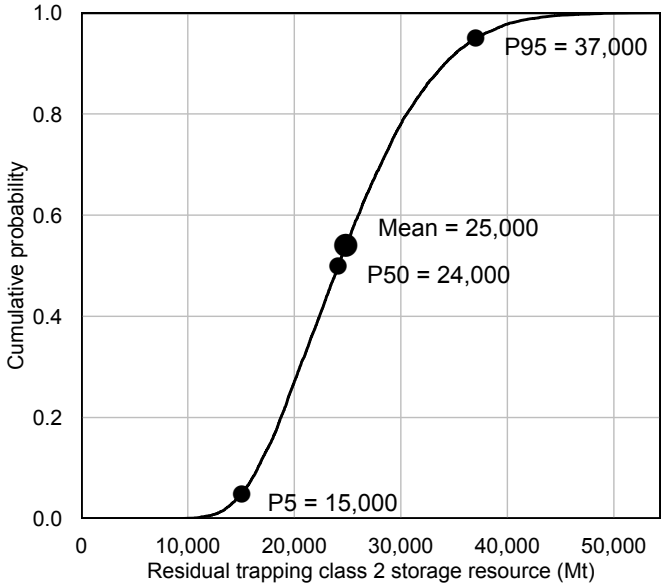


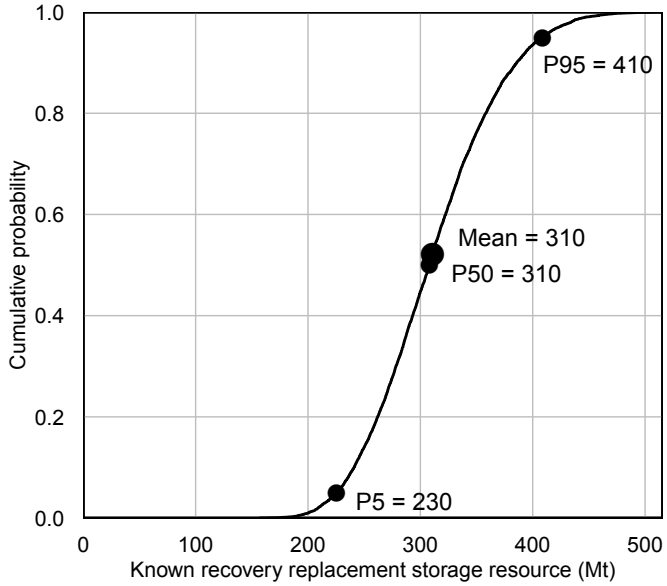
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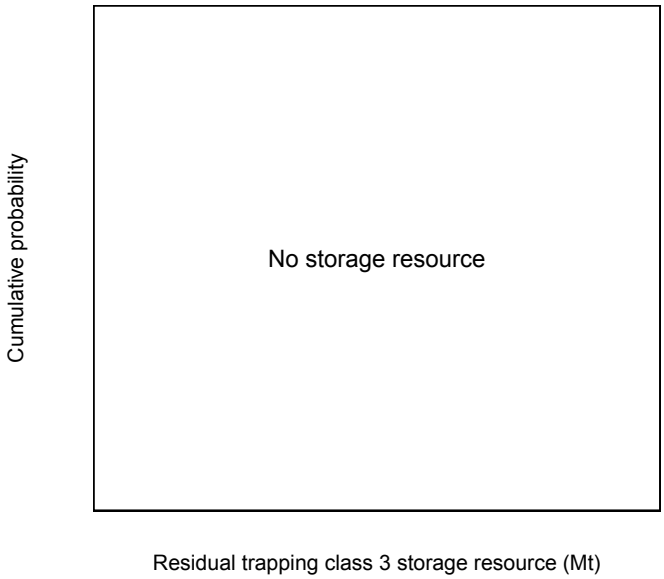




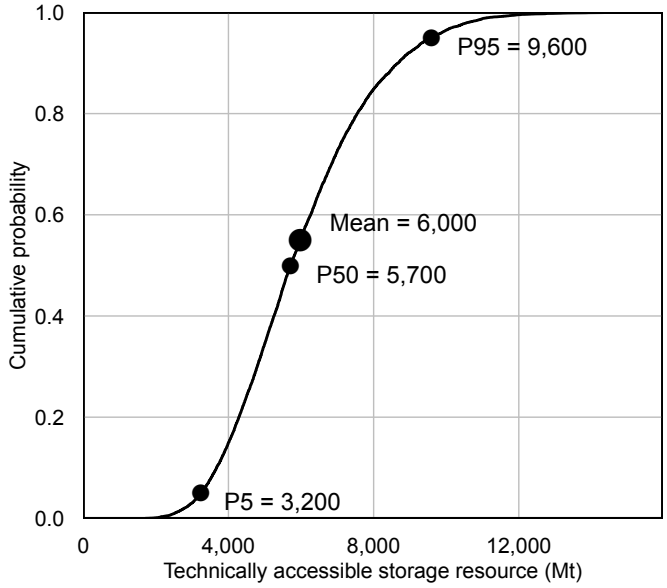


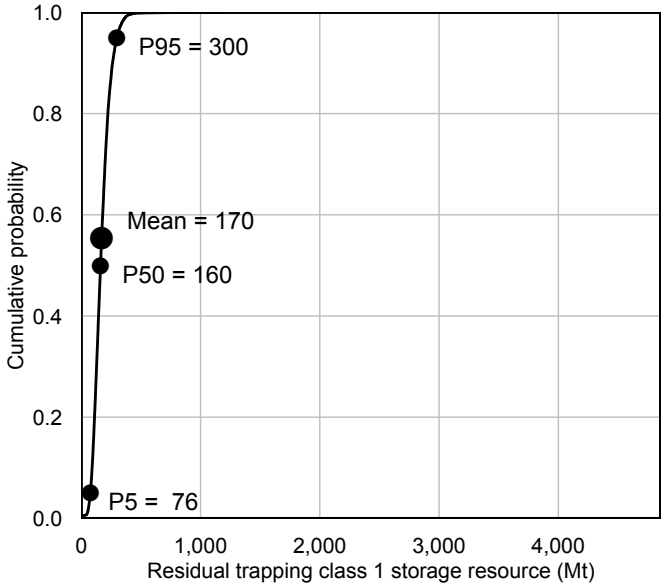


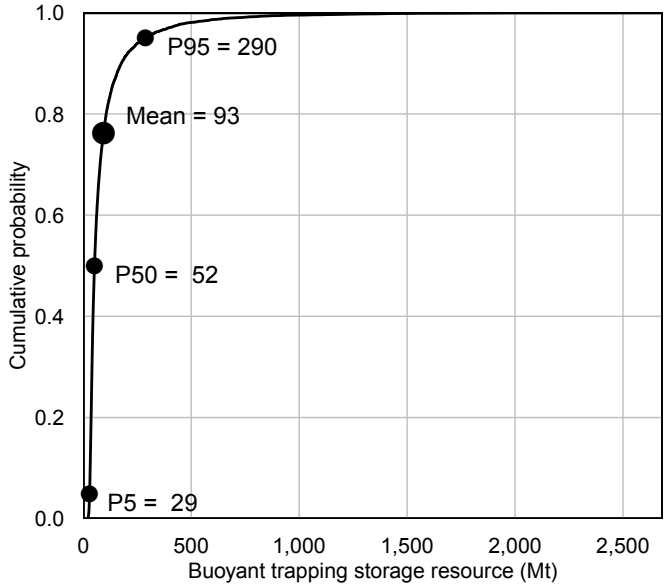


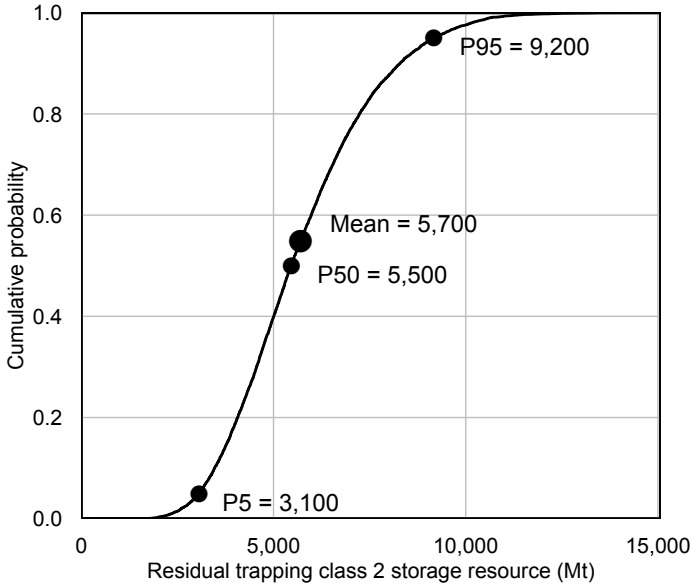


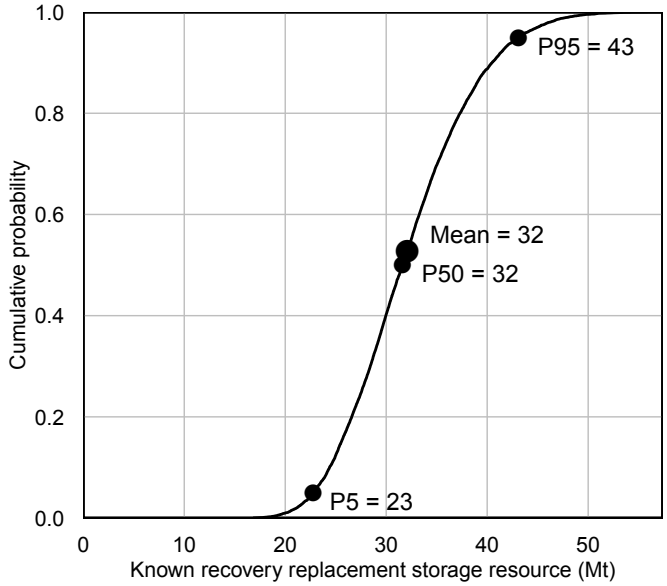
Ventura Basin C50130101

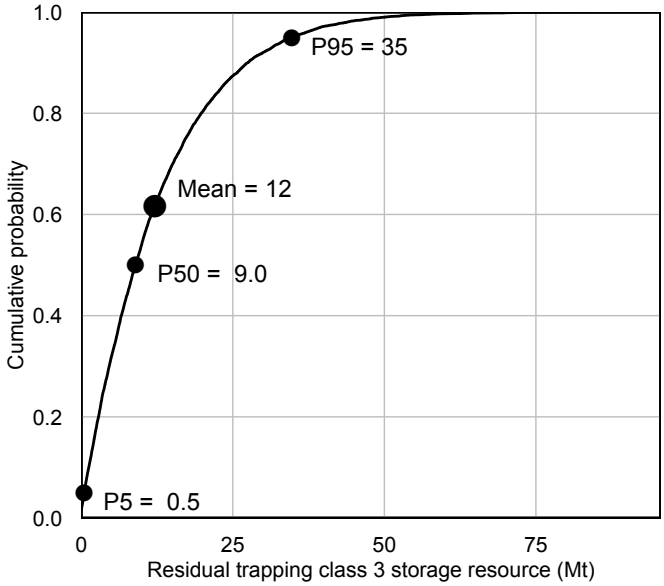




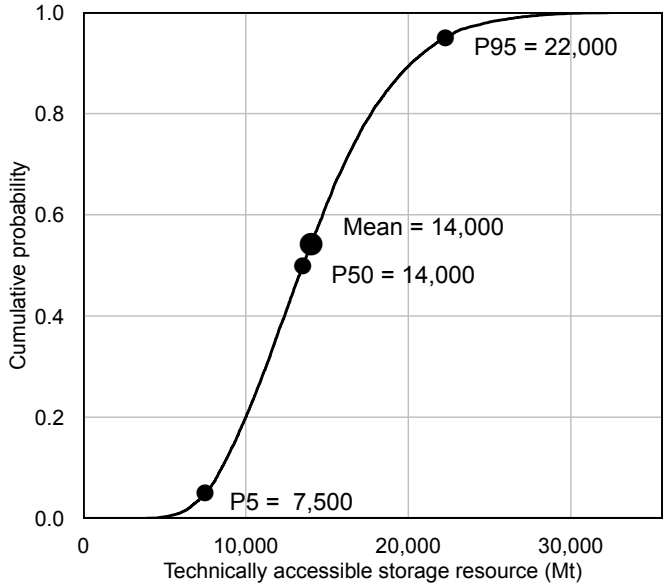


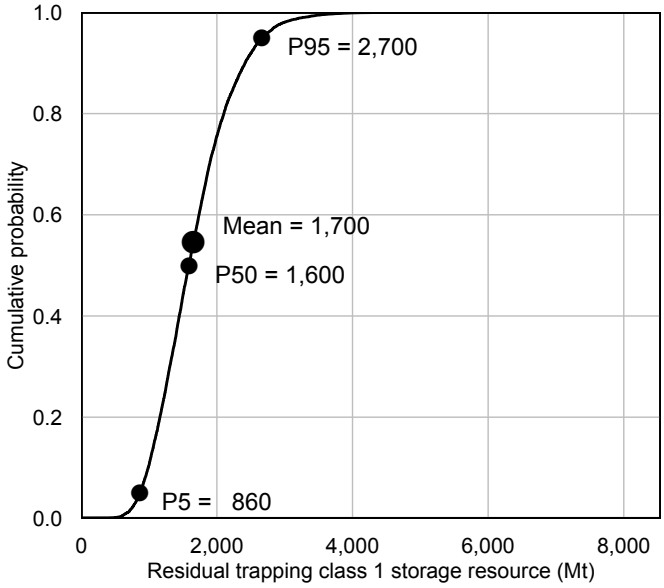


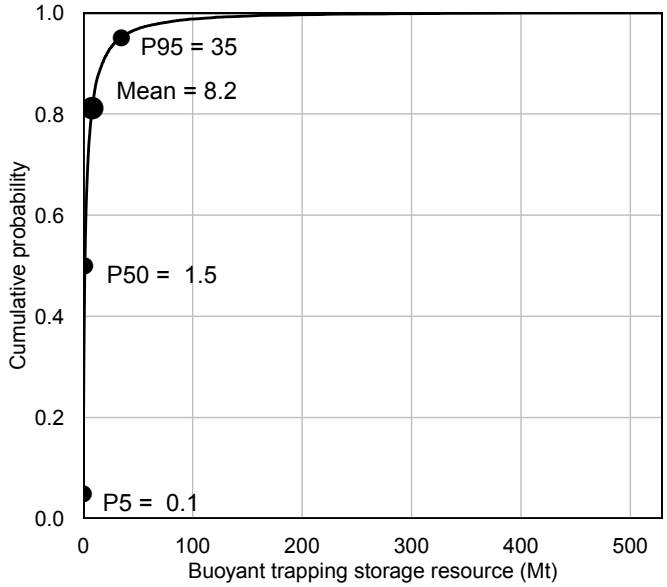


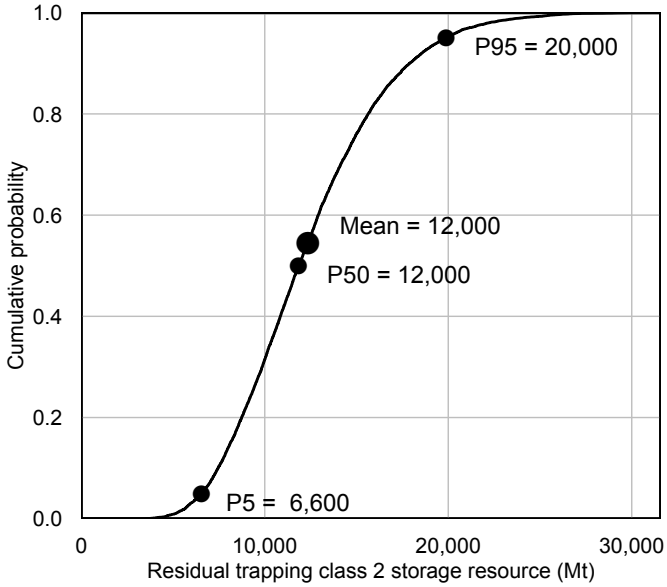


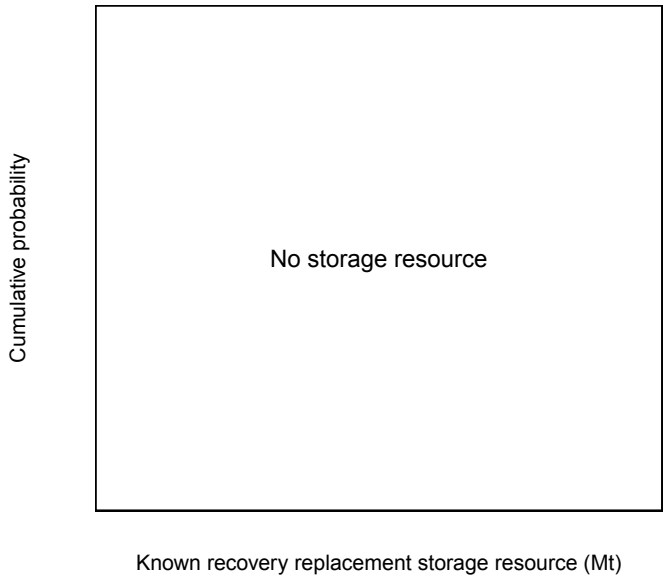
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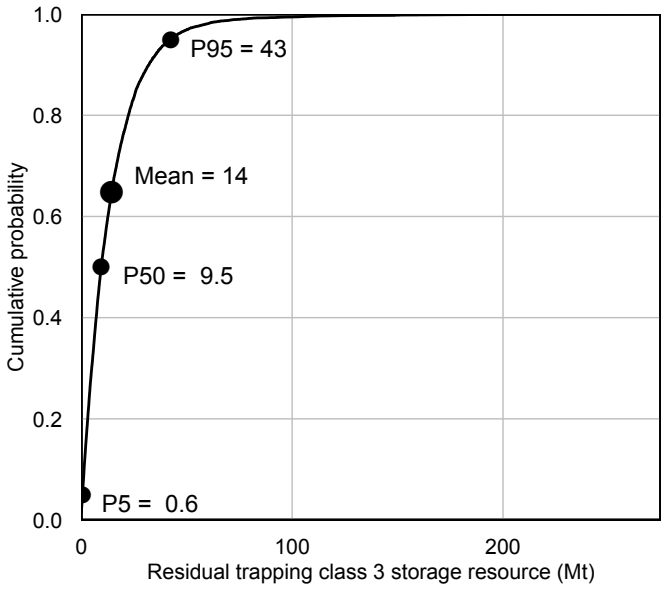




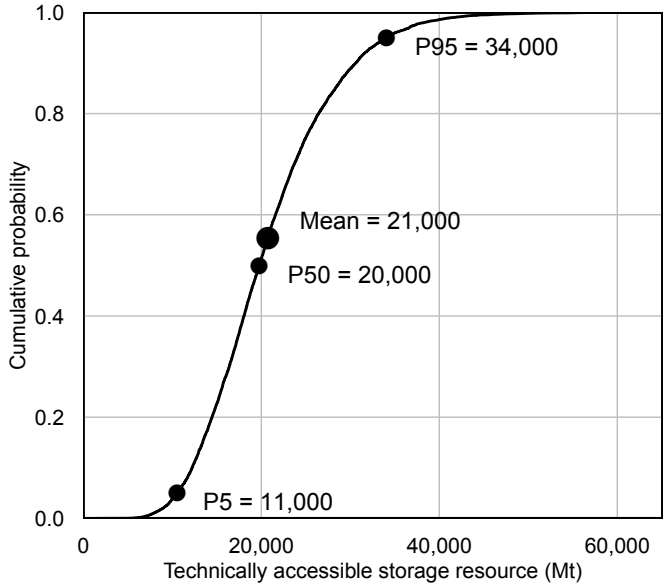


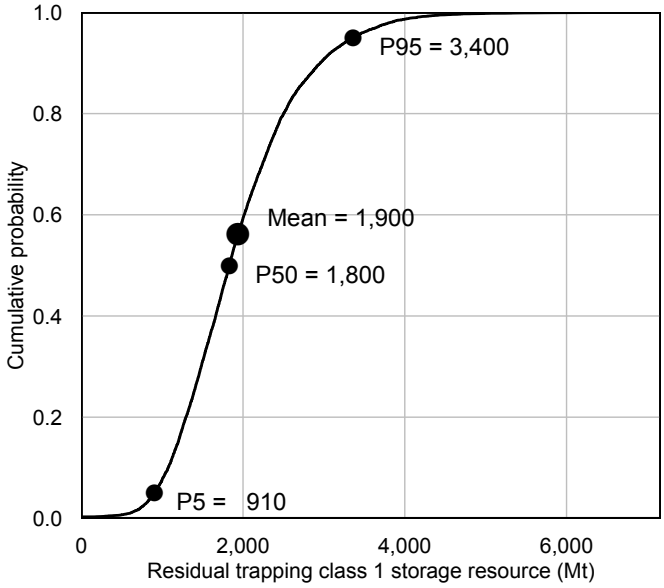


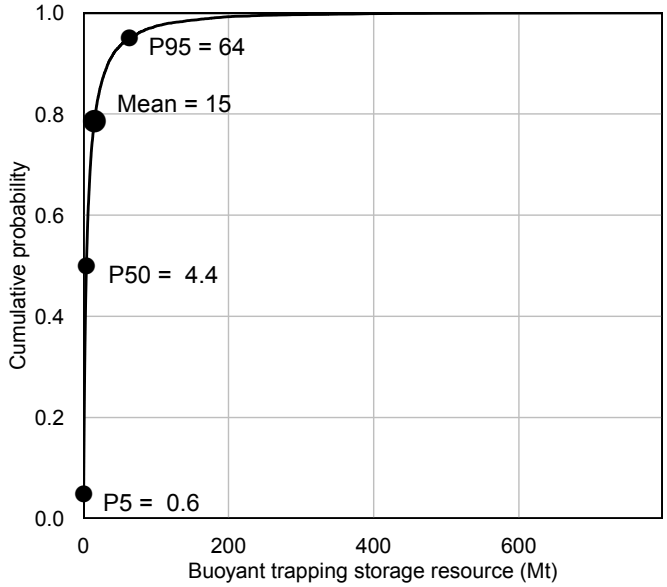


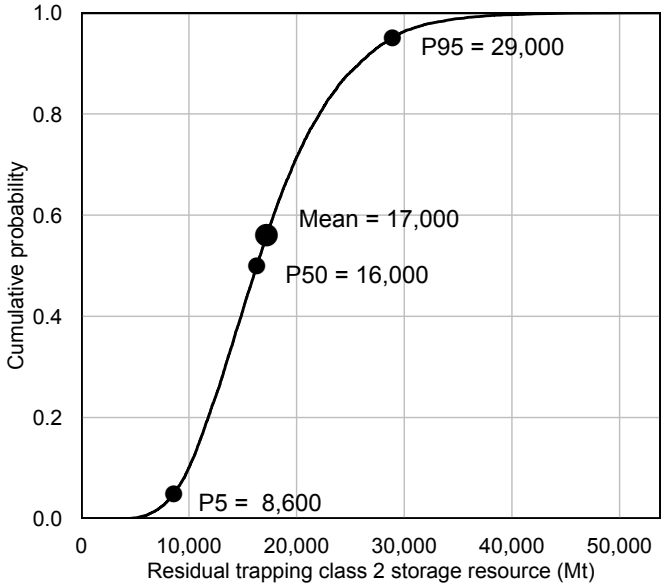


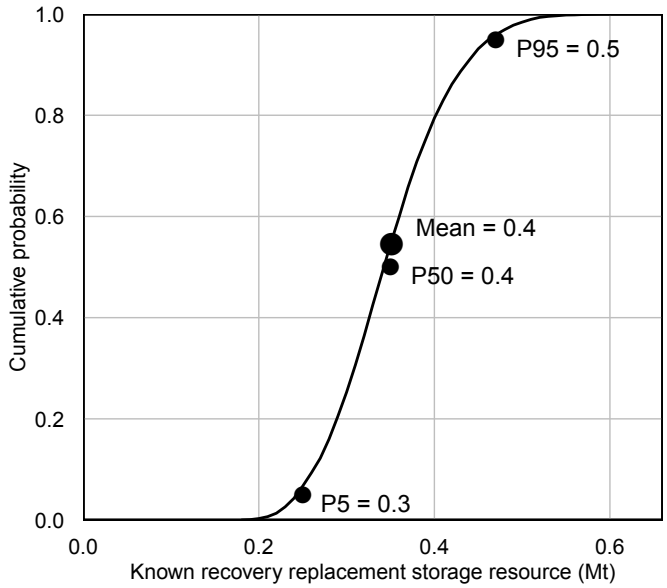
Williston Basin C50310101

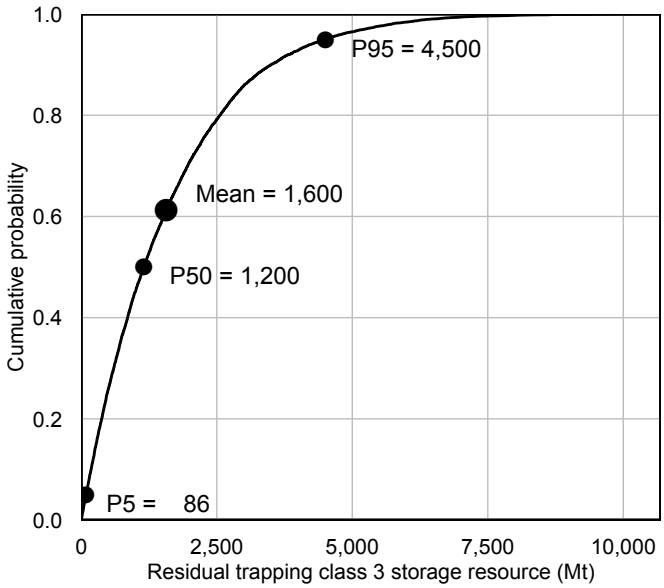




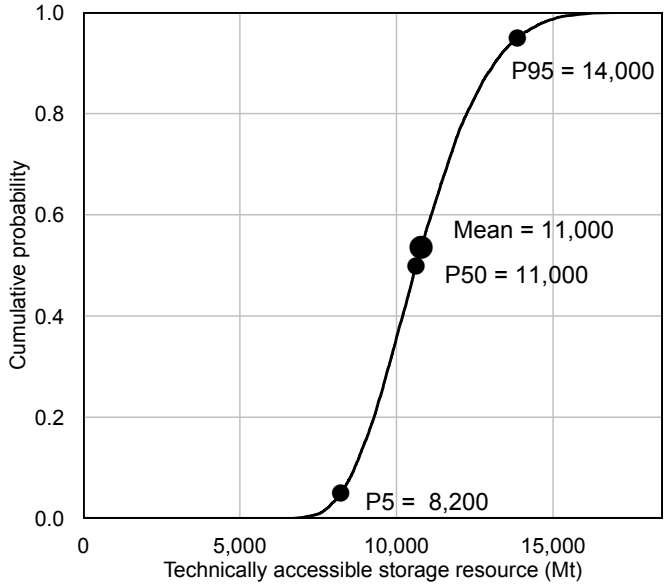


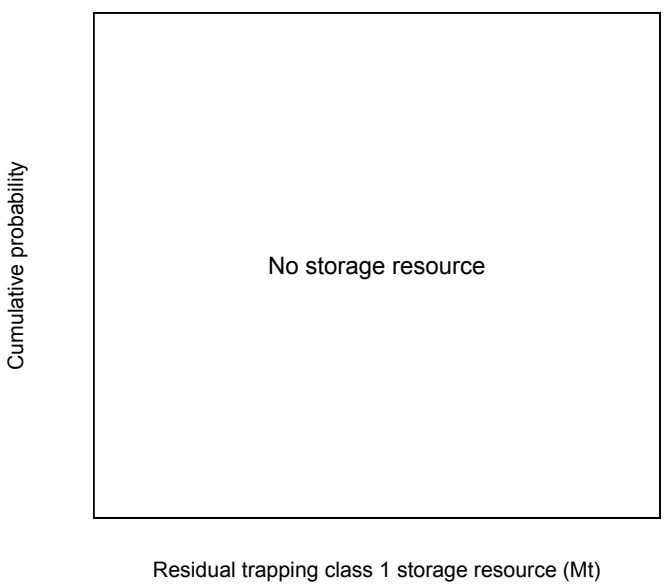


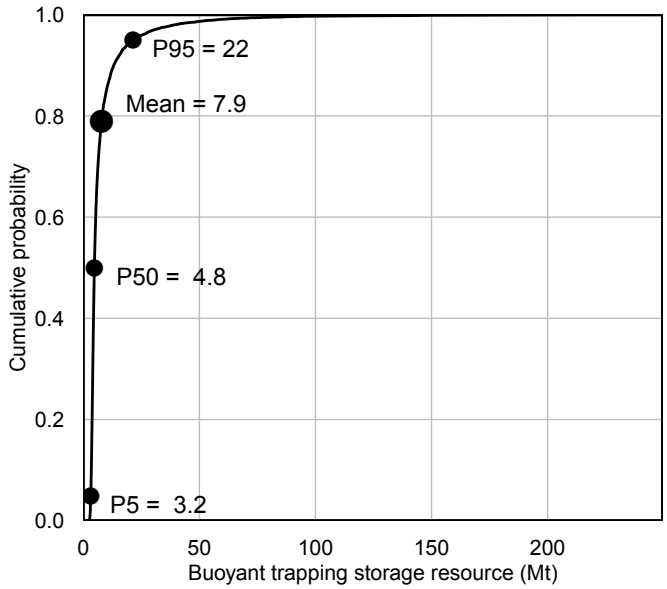


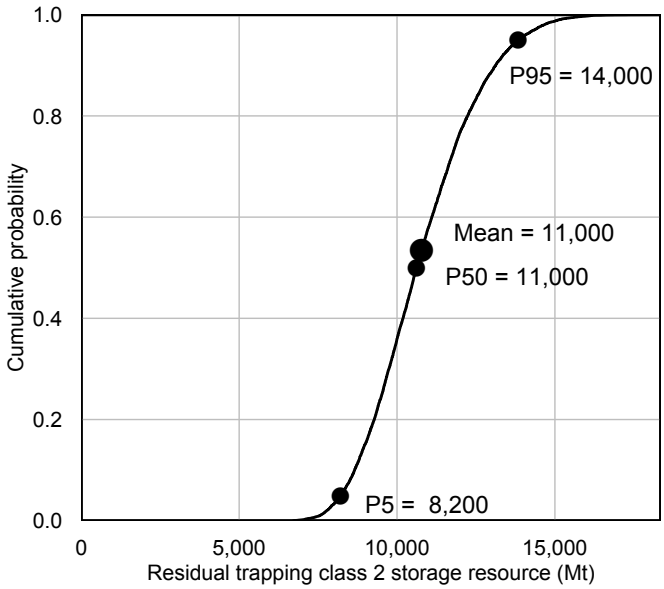


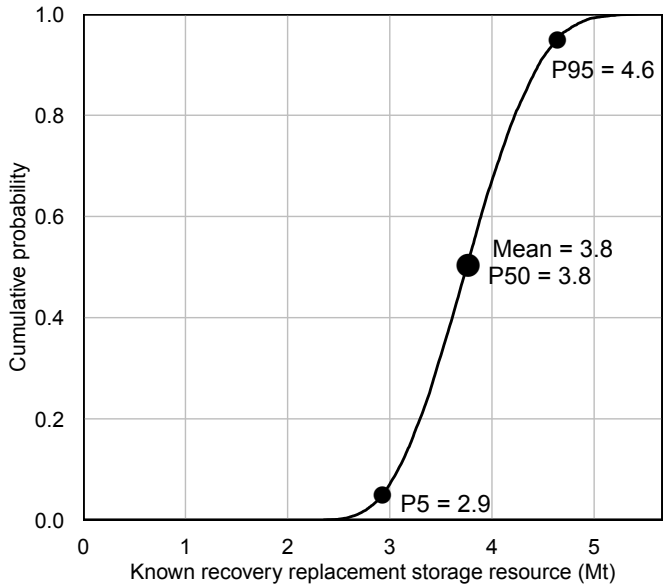
Williston Basin C50310102

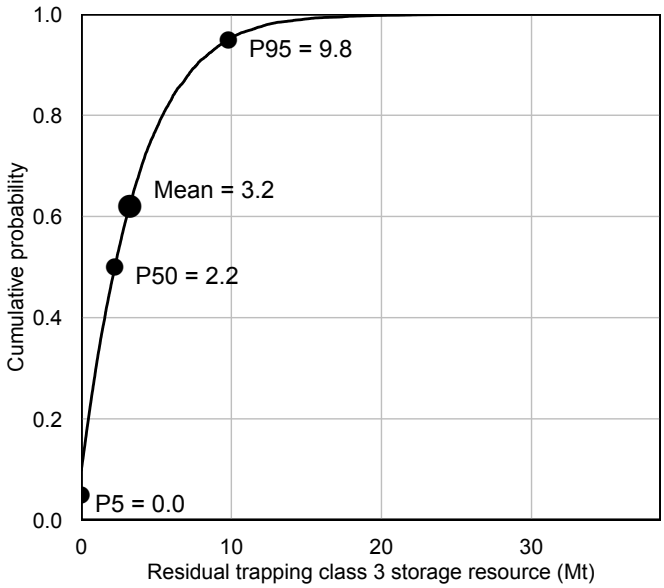




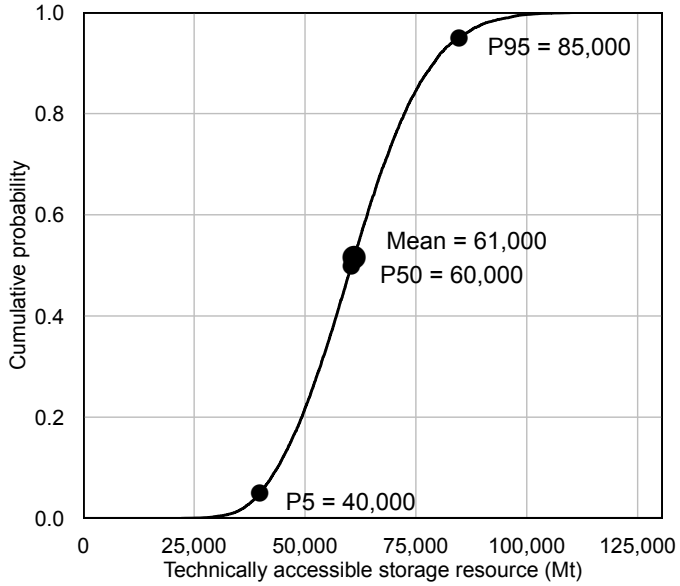


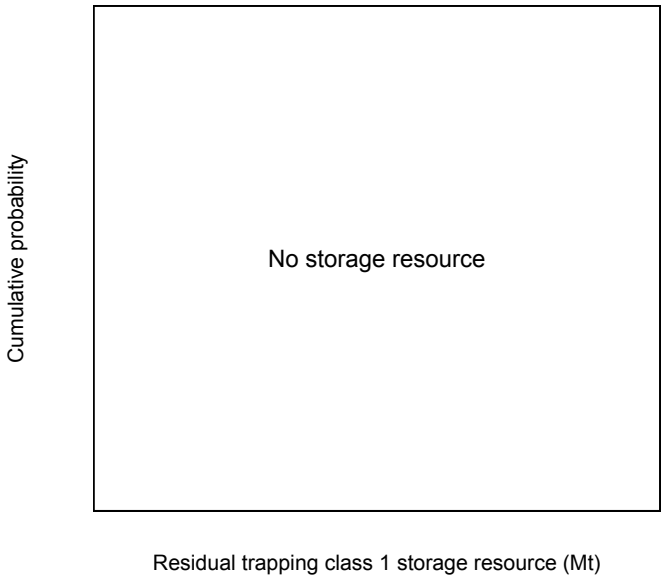


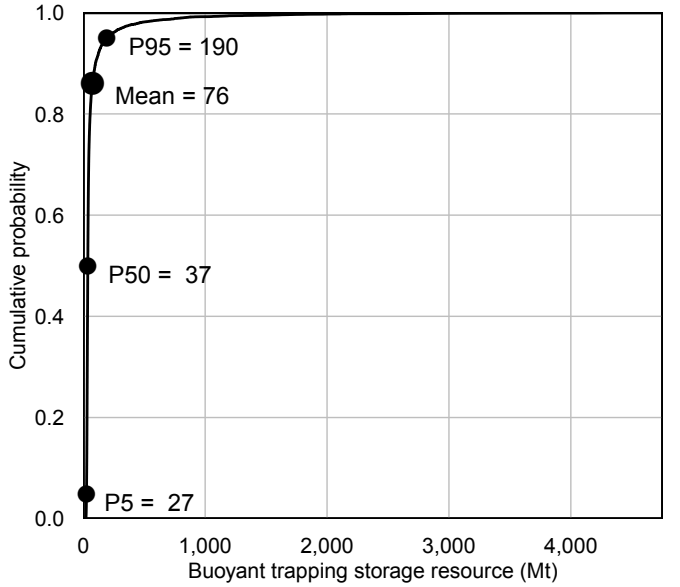


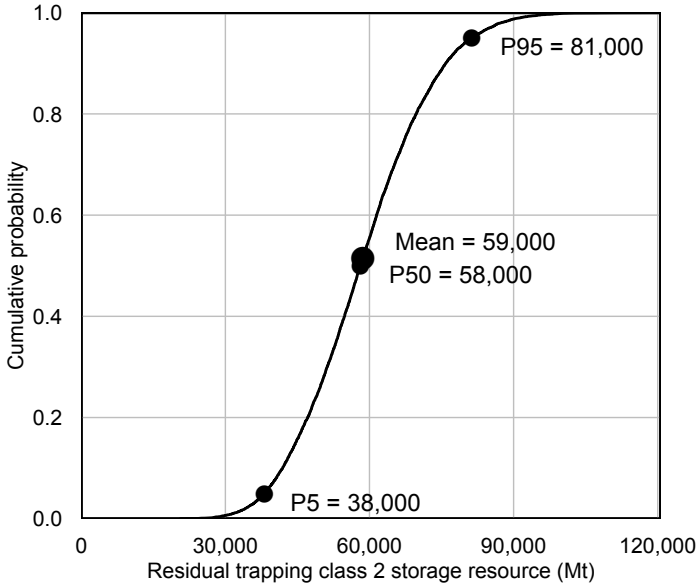


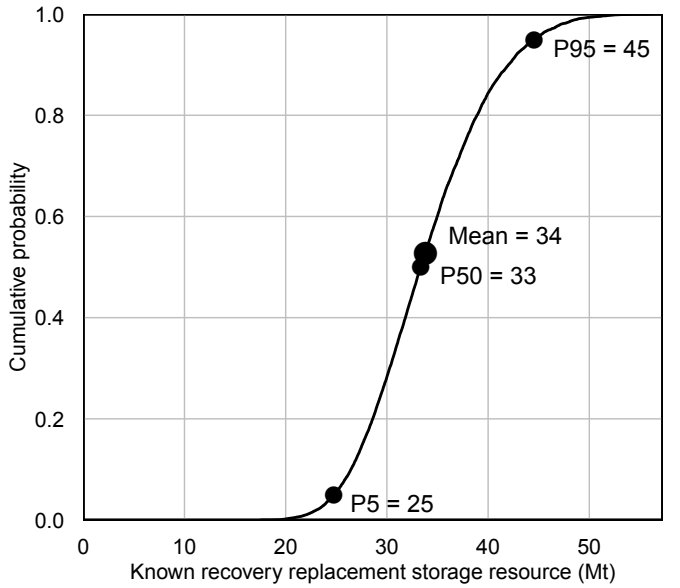
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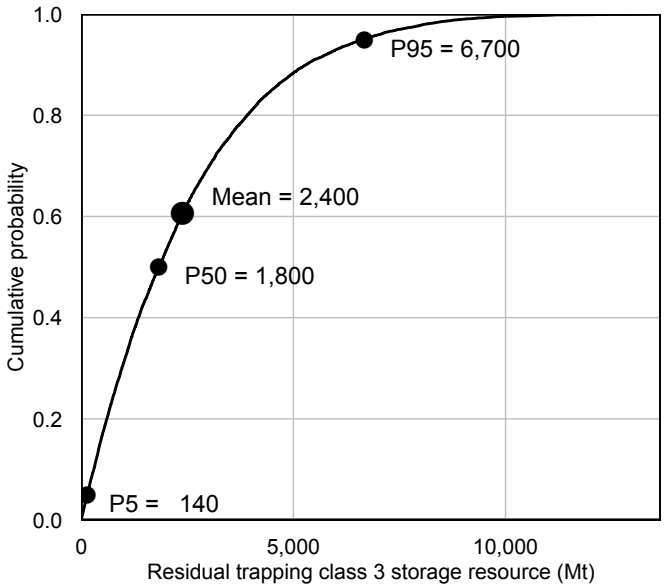




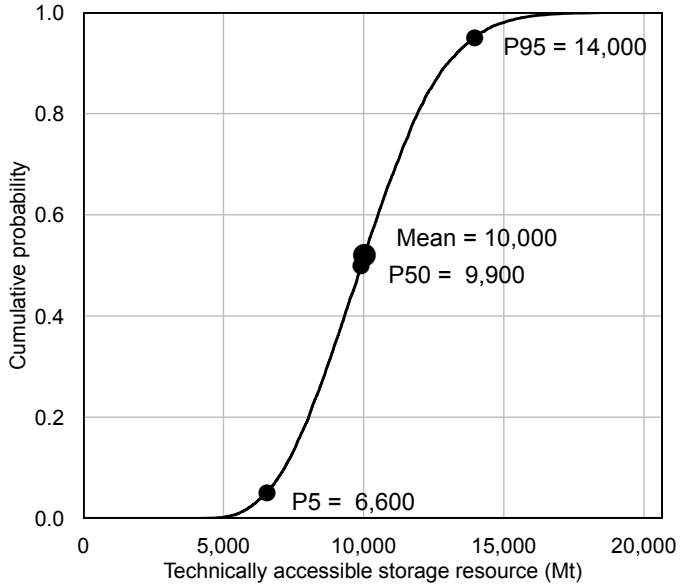


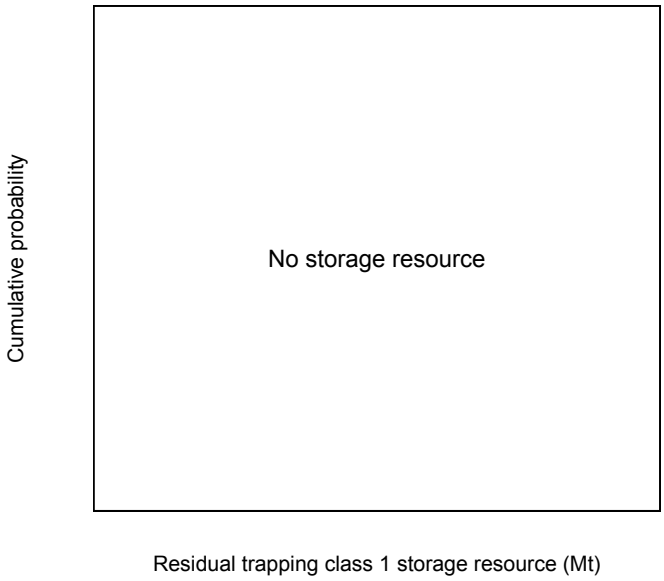


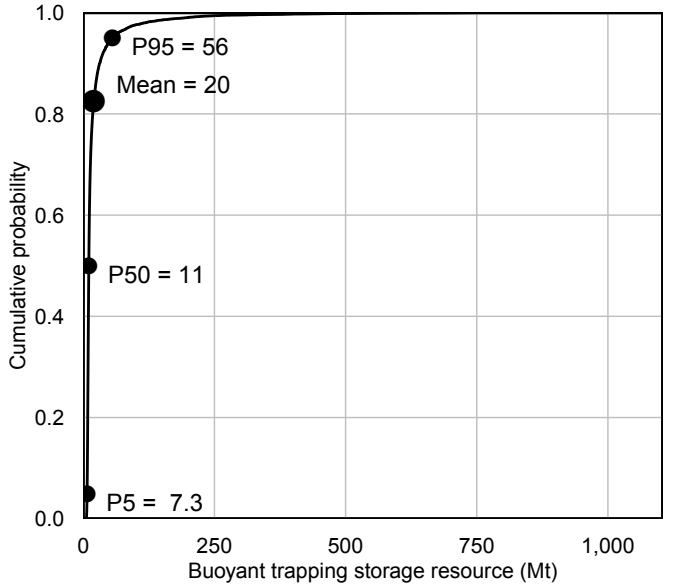


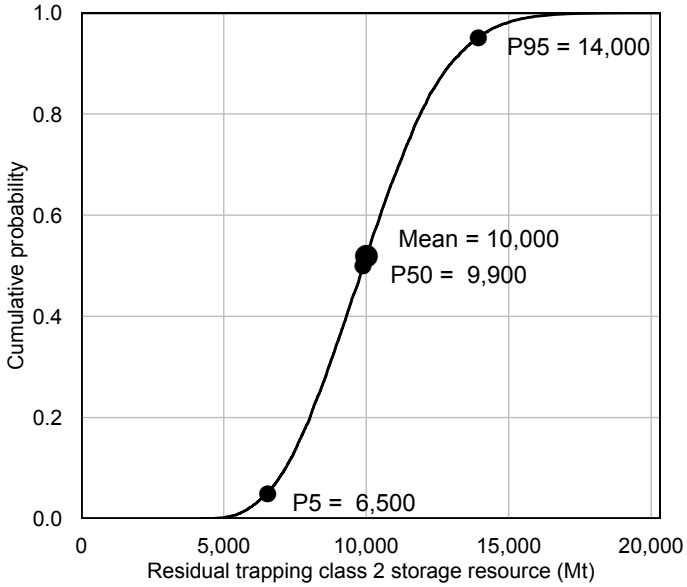


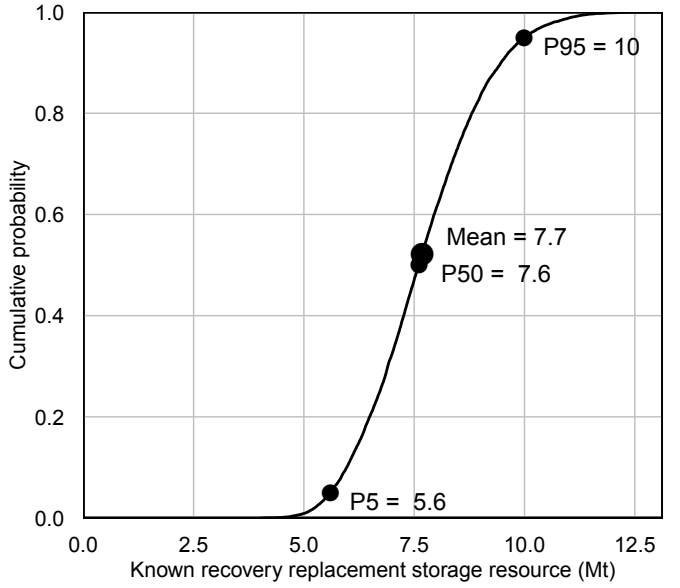
Williston Basin C50310104

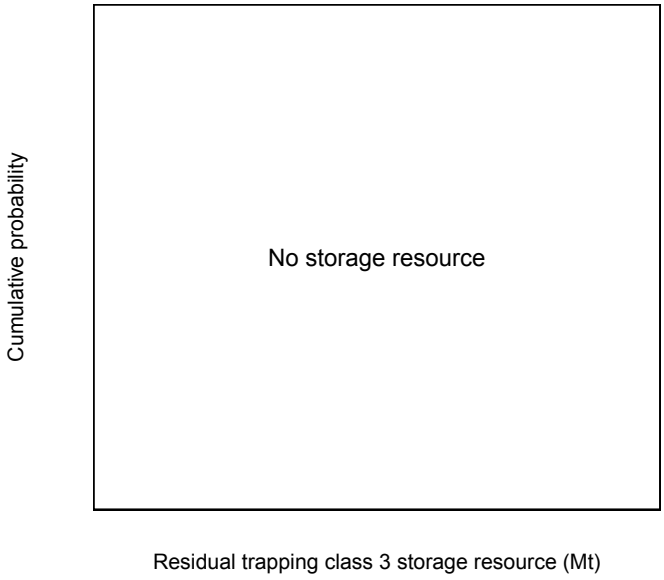




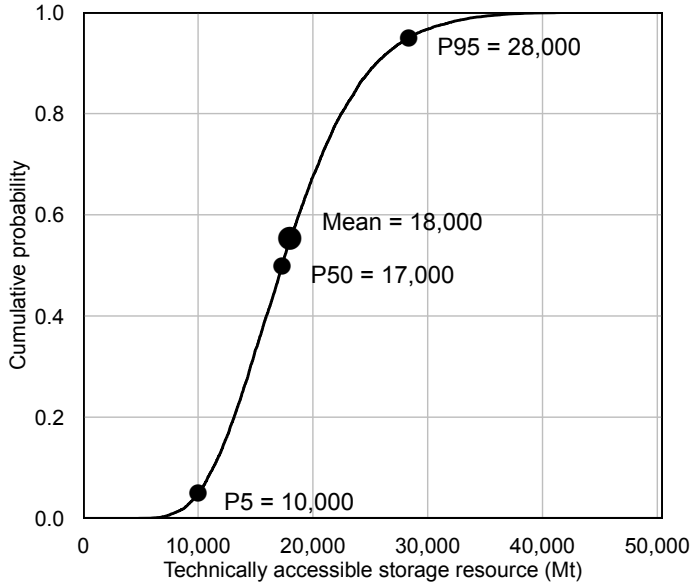


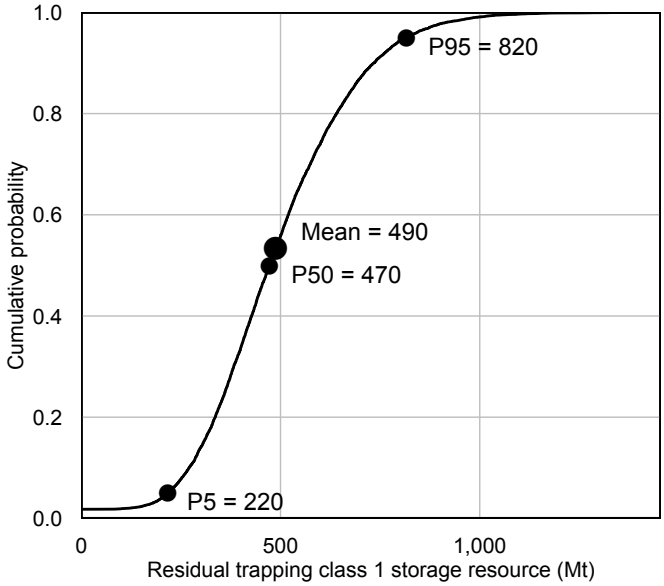


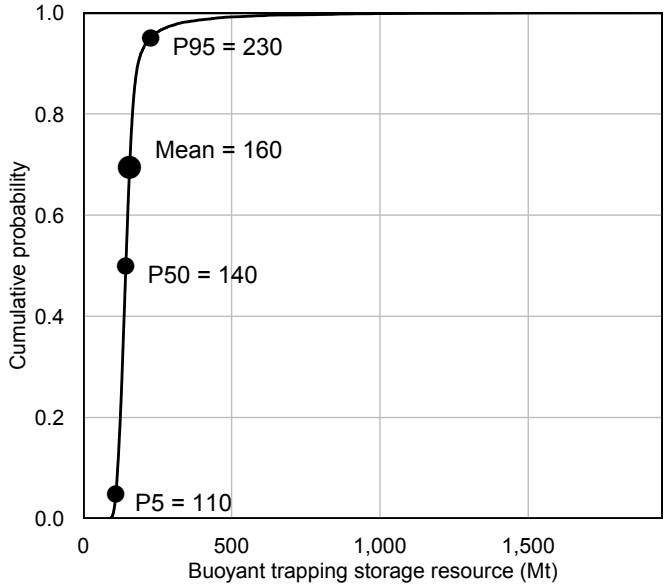


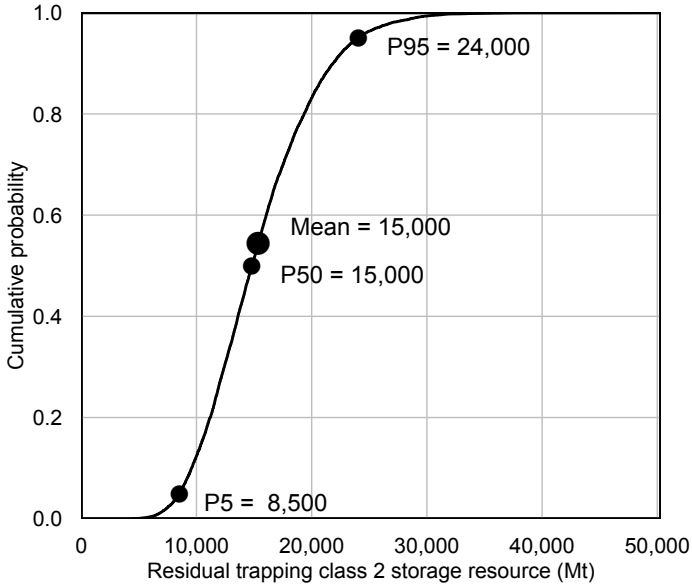


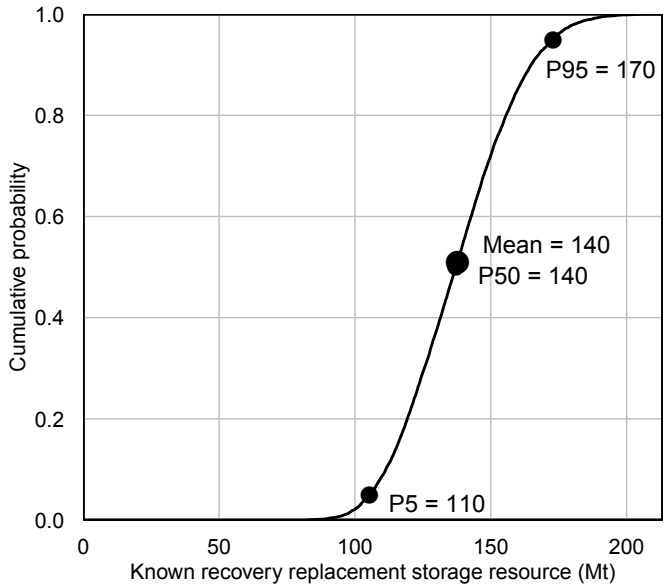
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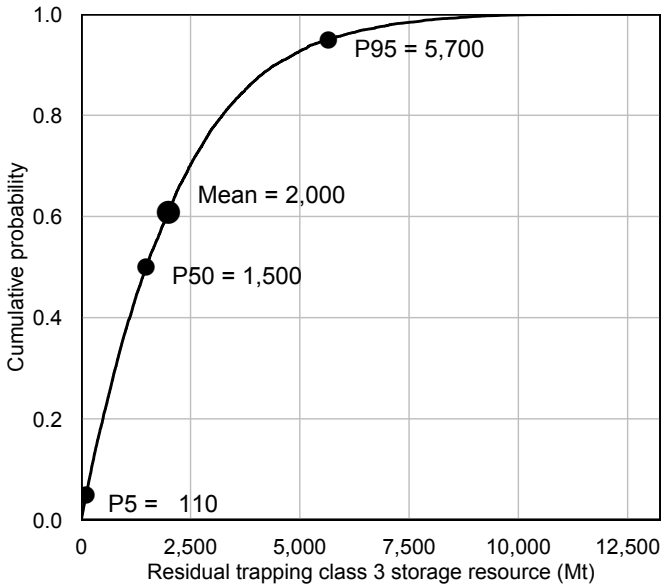




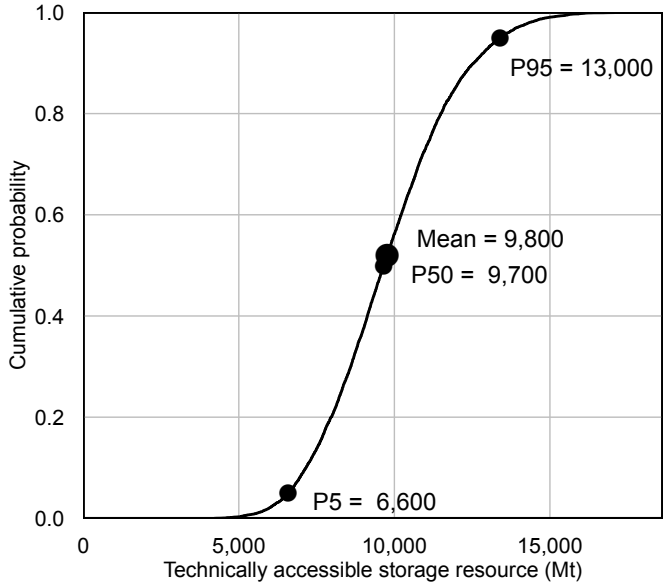


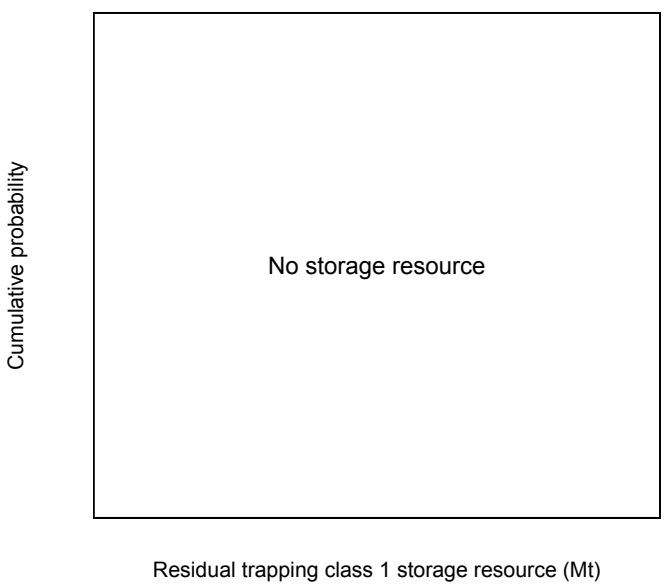


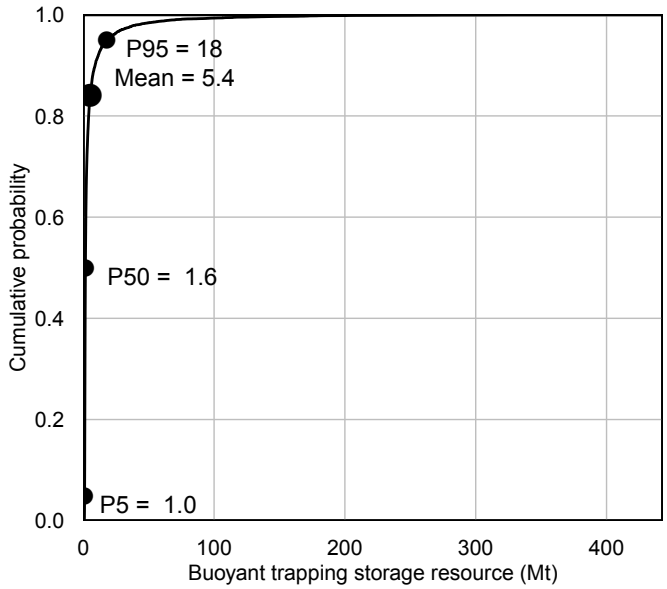


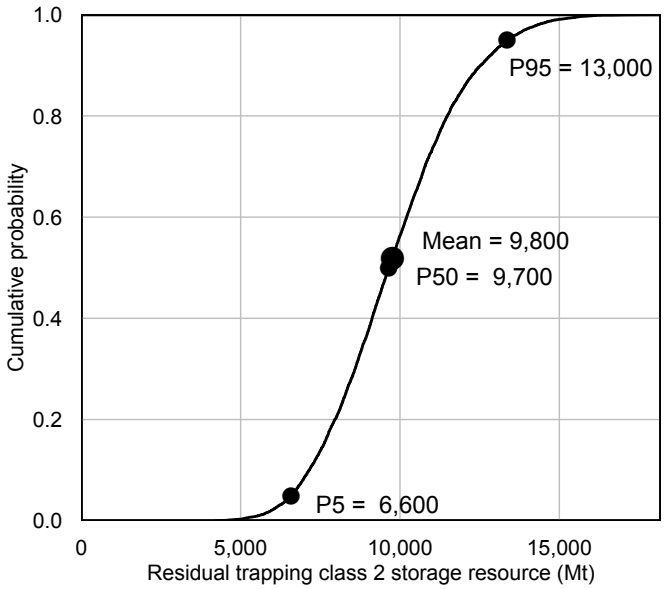


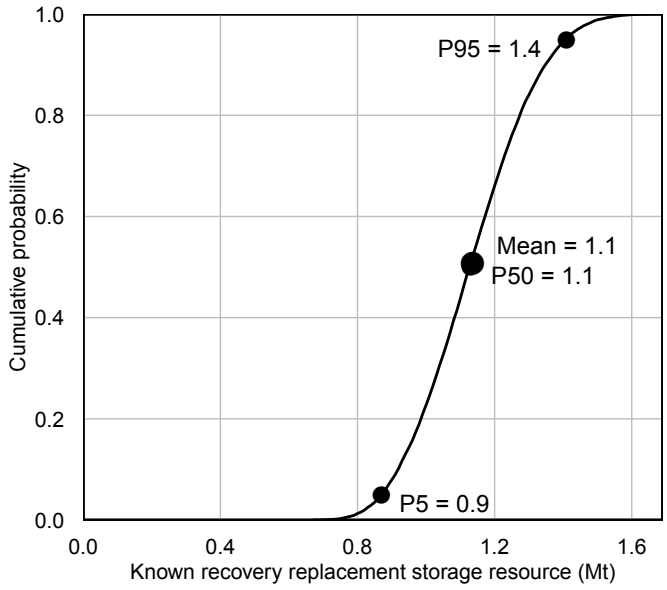
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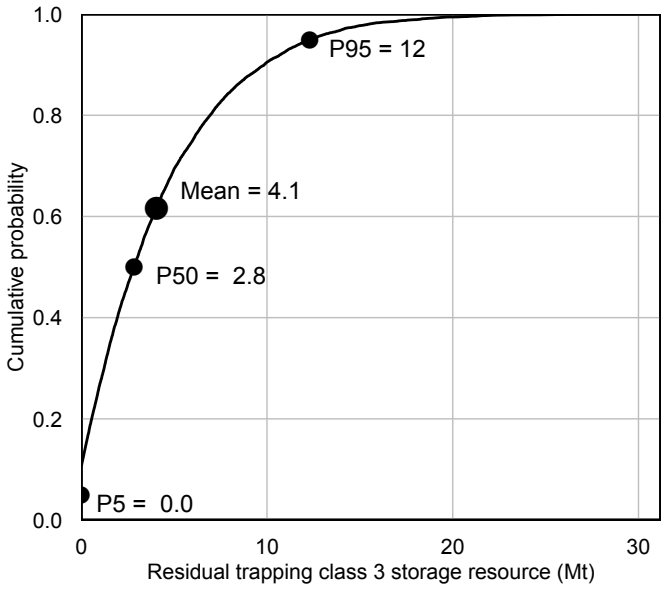




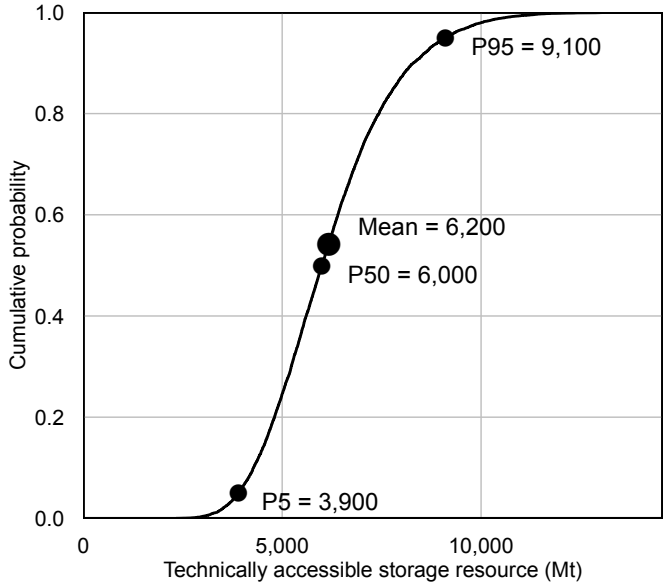


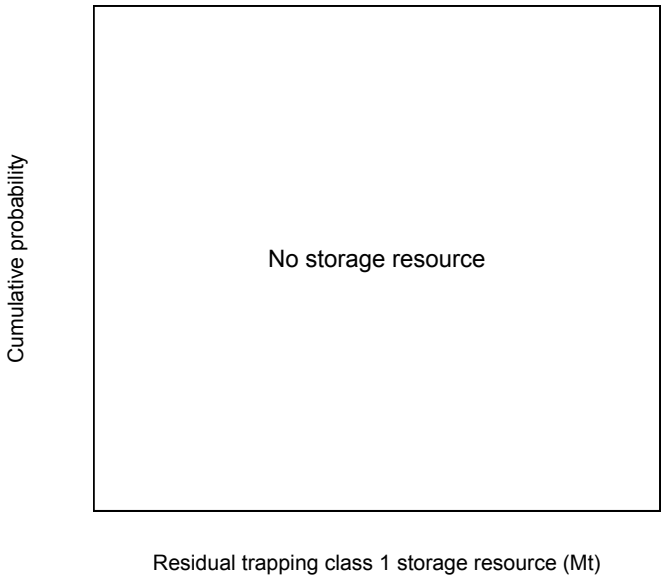


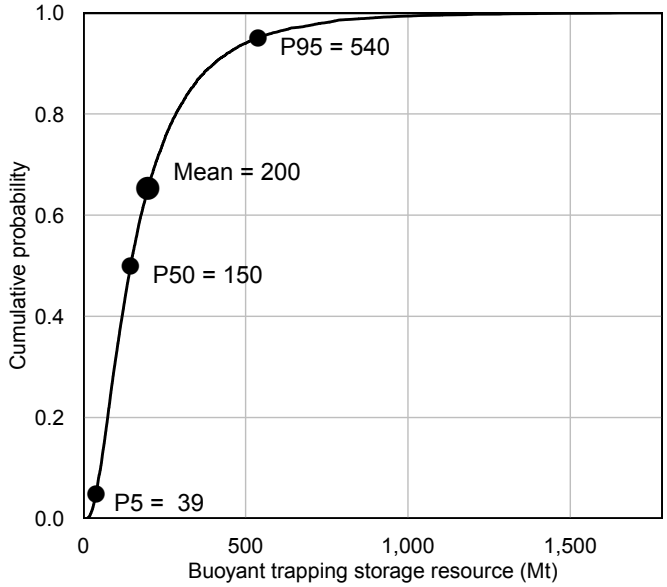


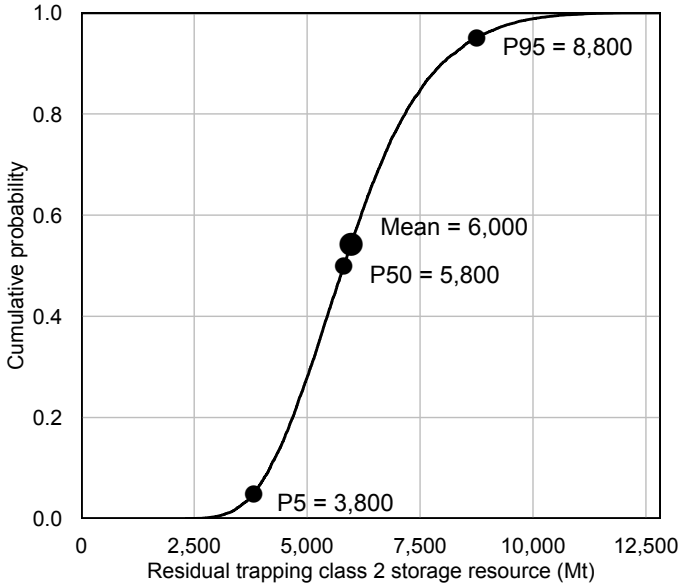


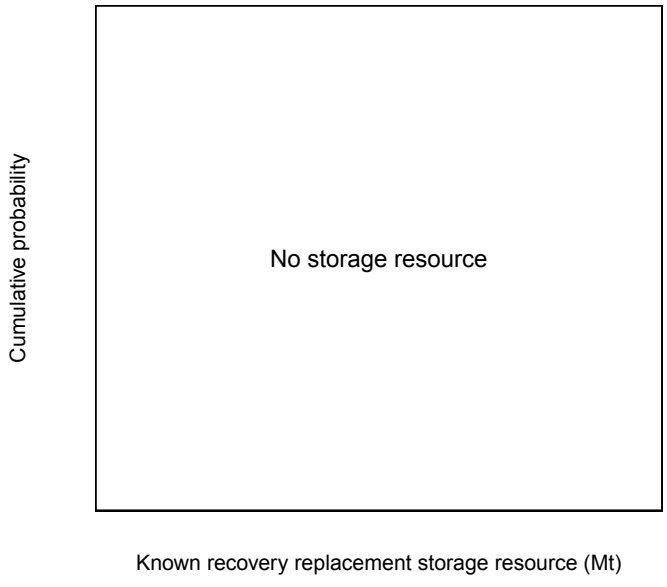
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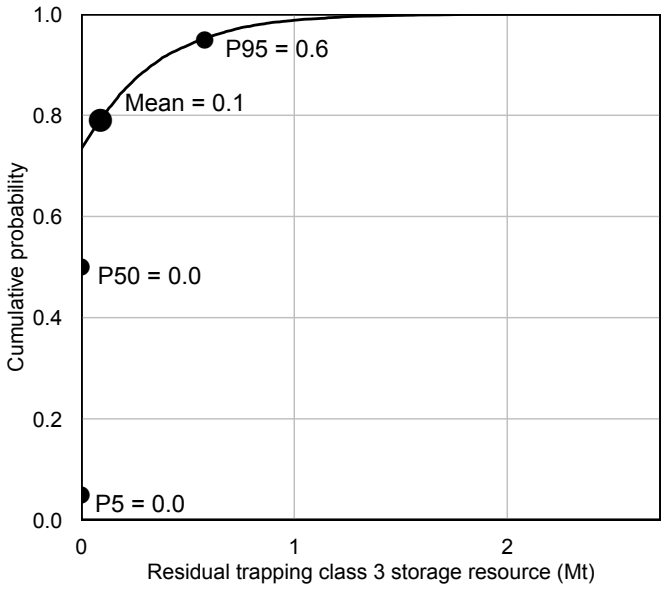




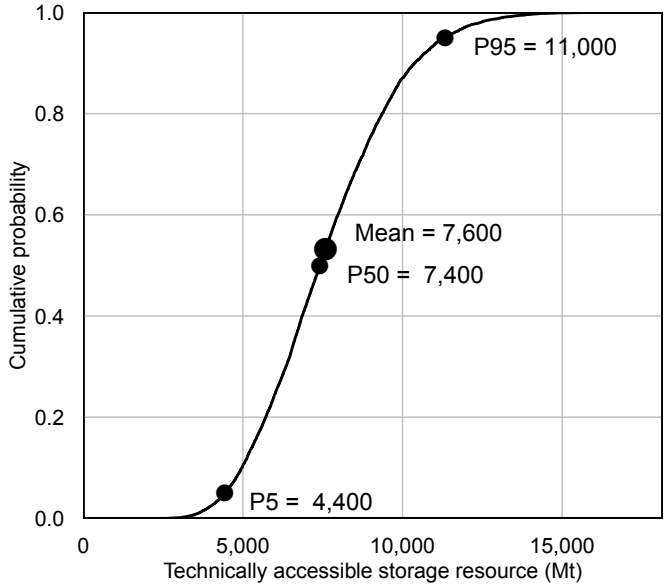


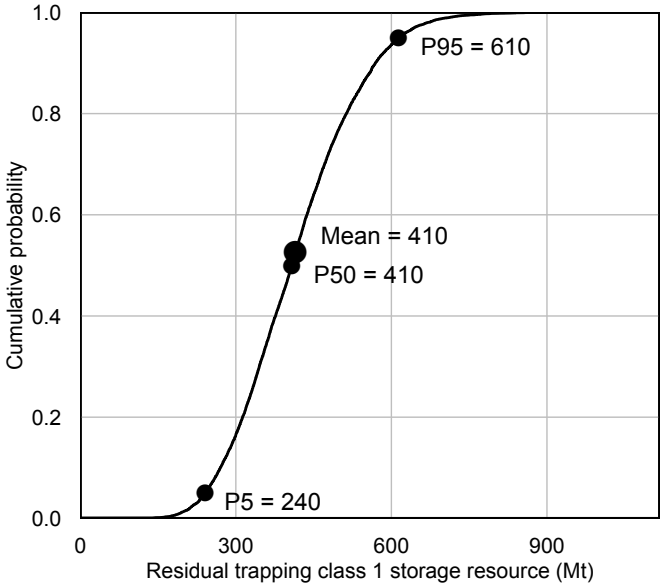


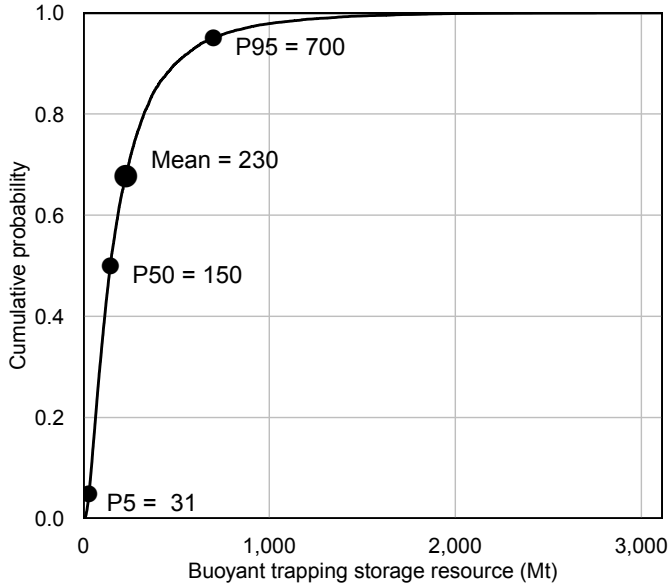


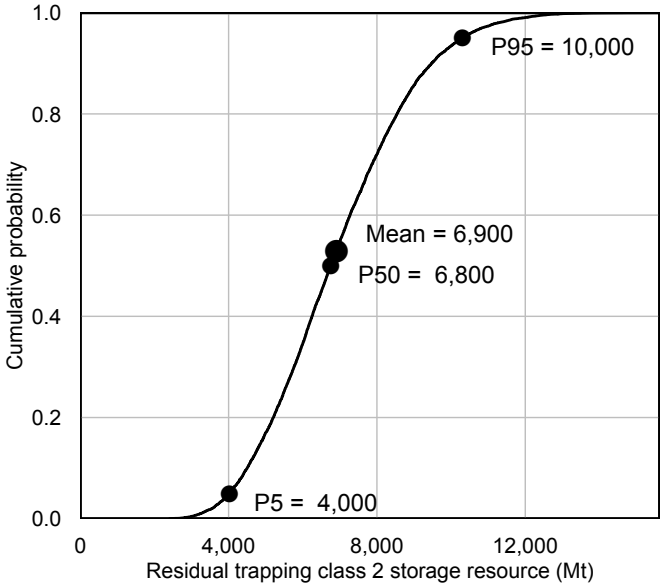


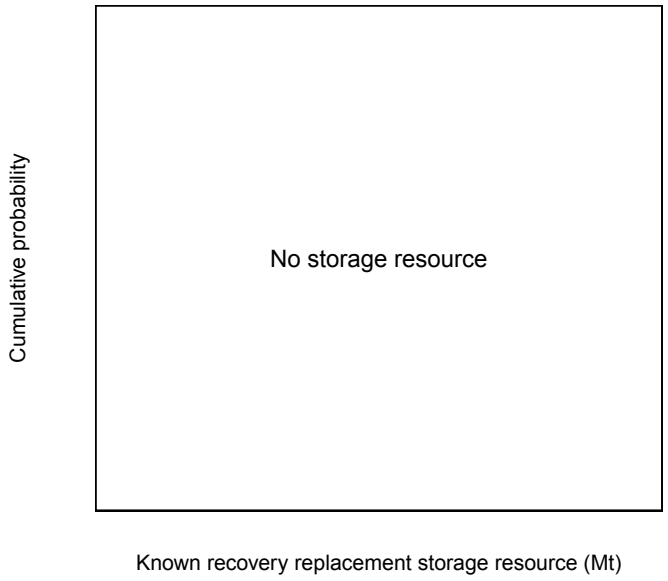
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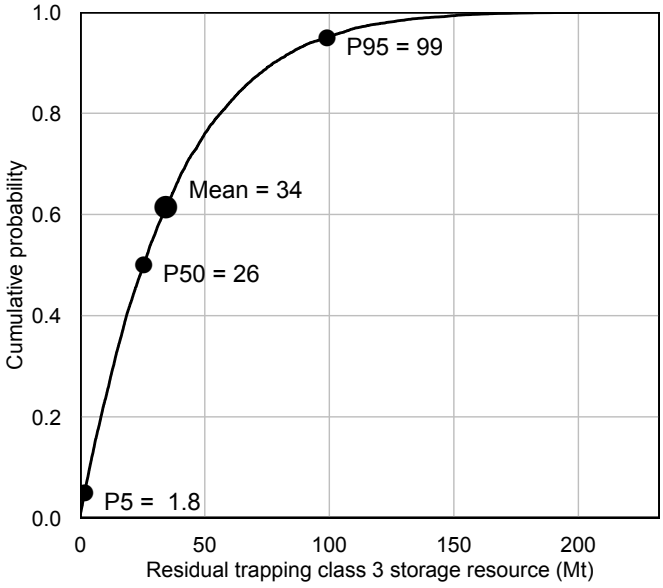




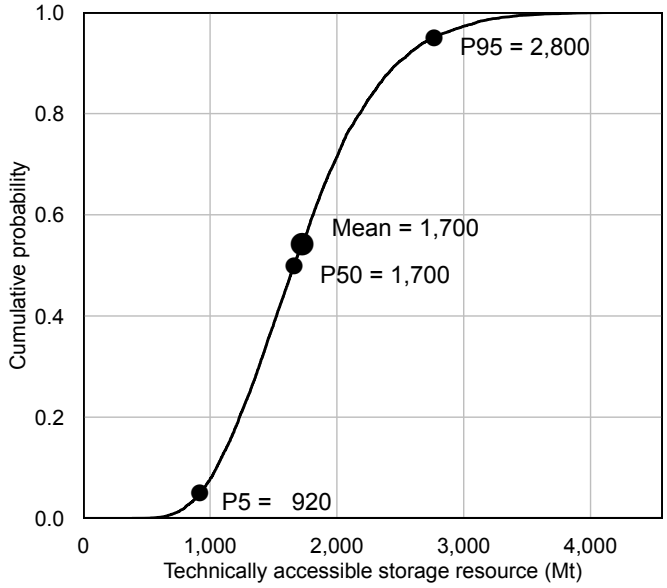


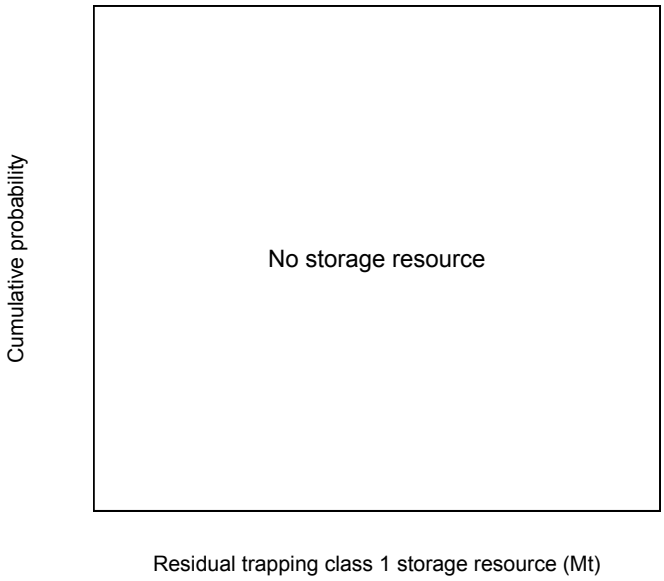


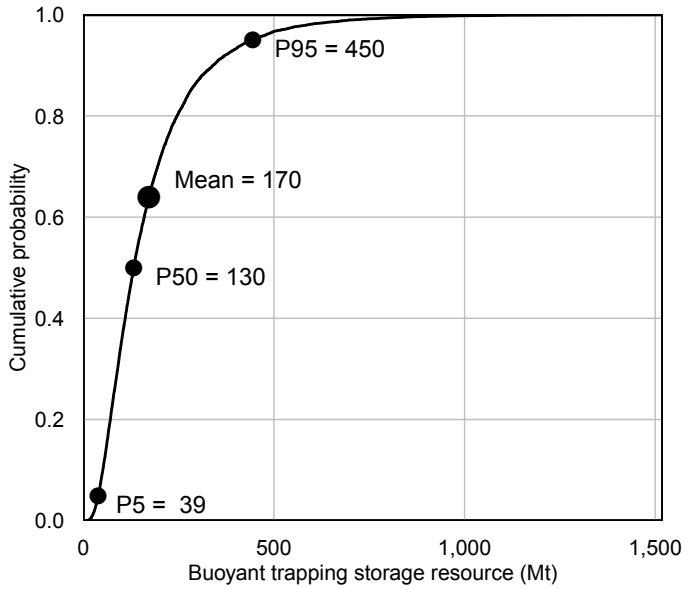


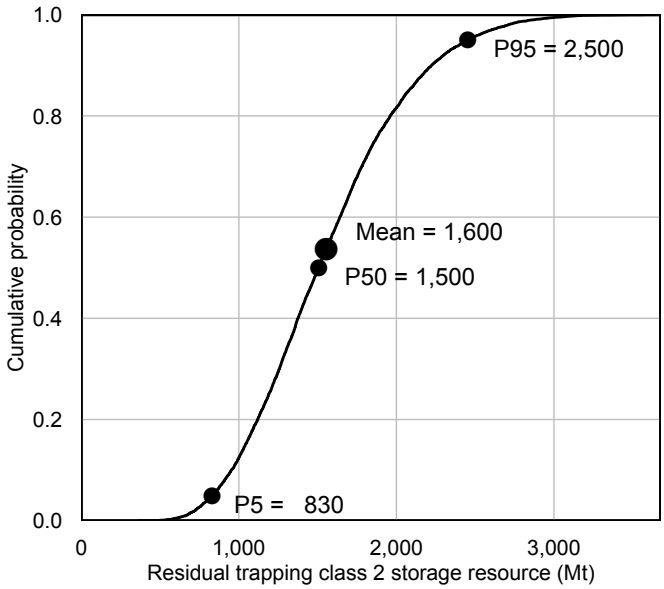


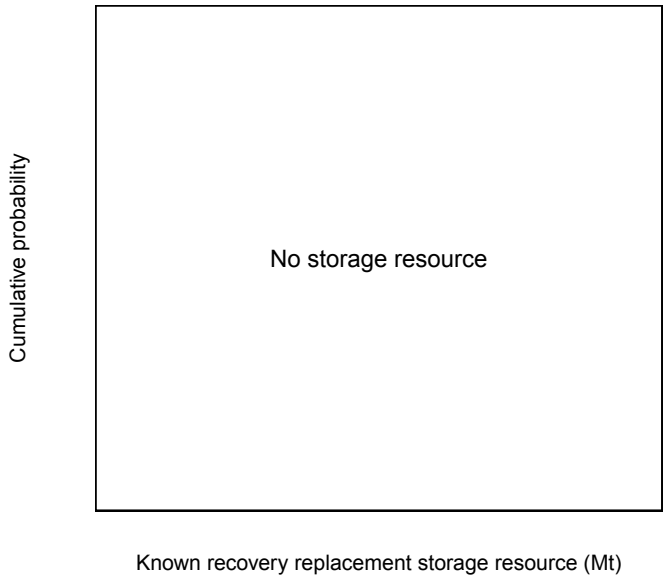
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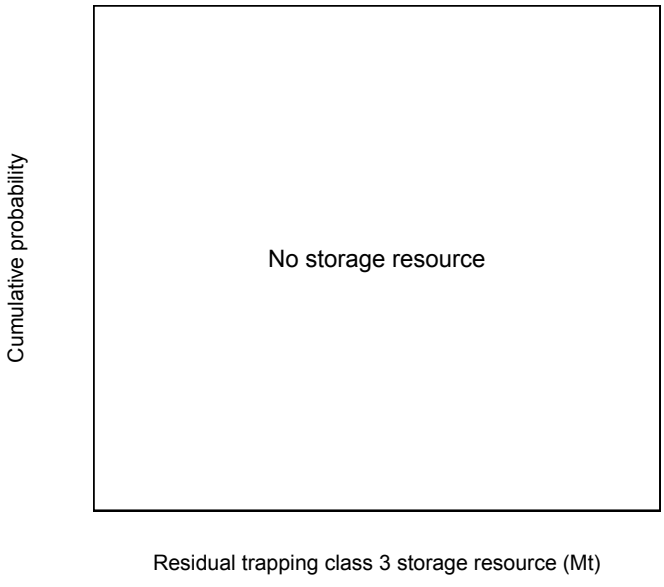




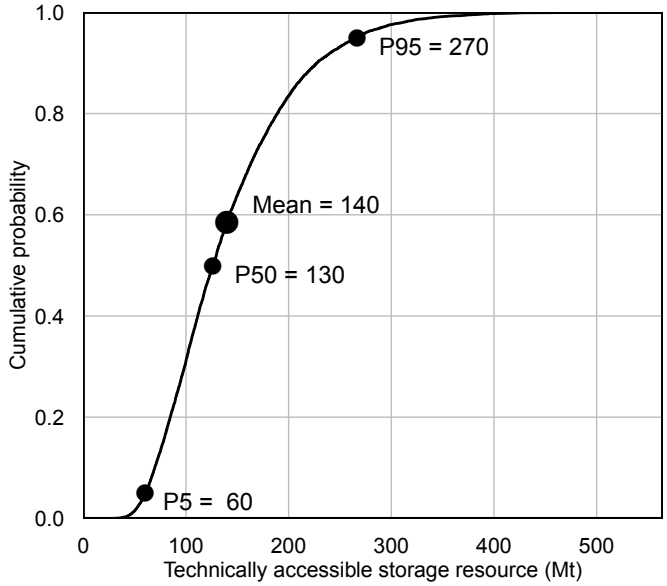


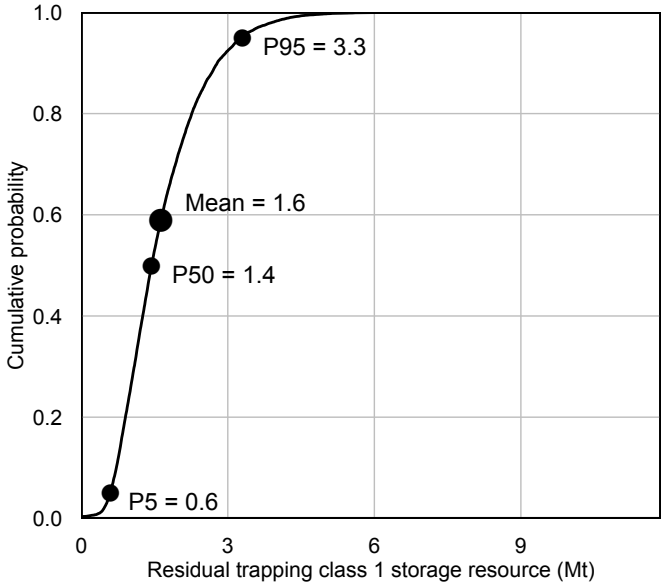


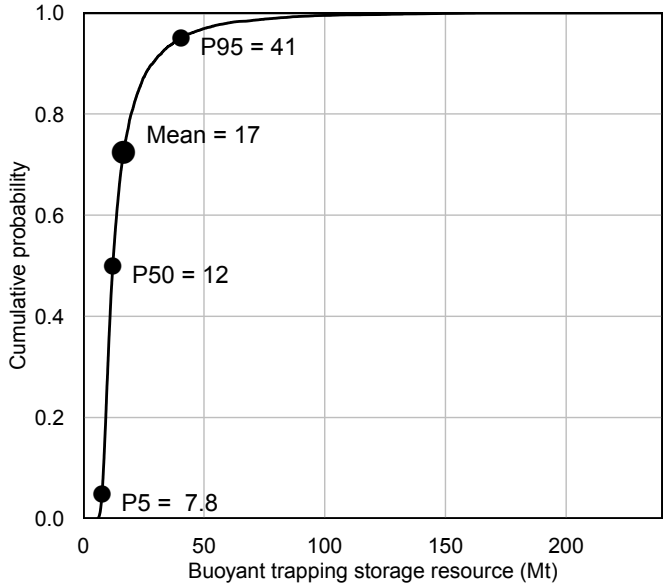


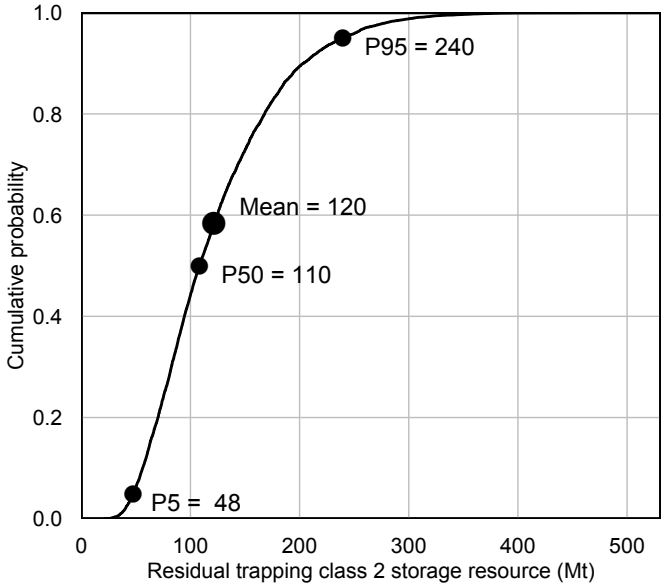


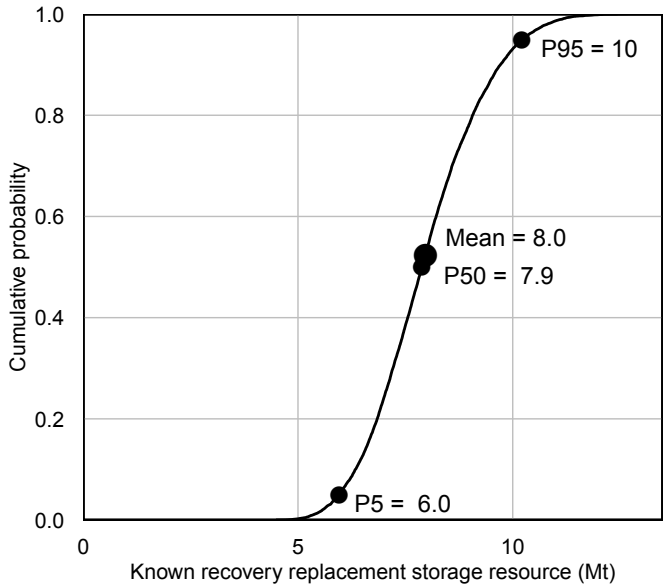
Wind River Basin C50350101

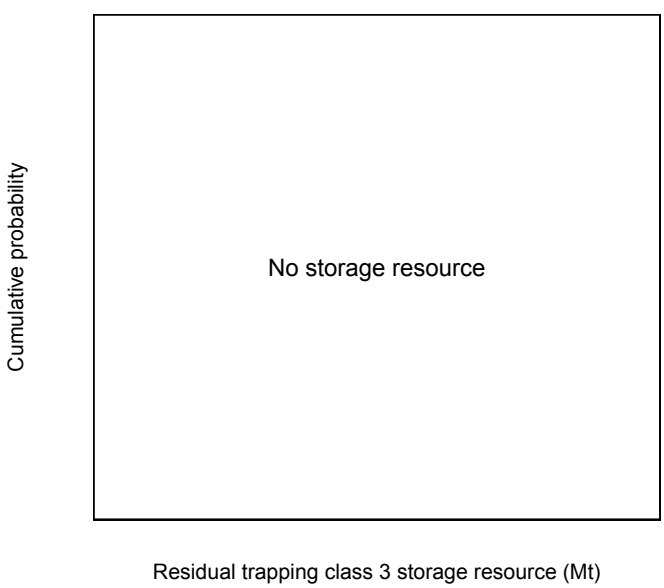




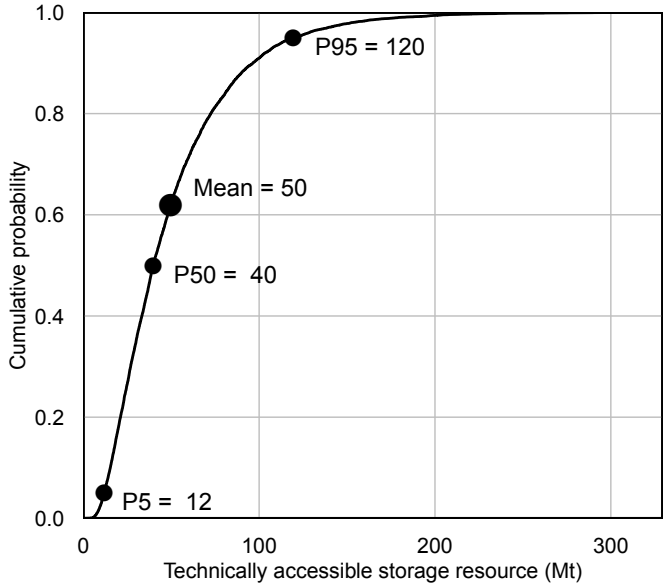


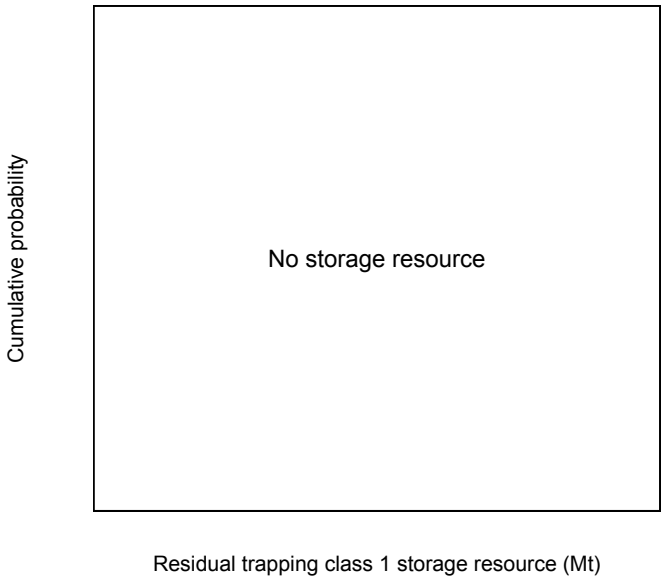


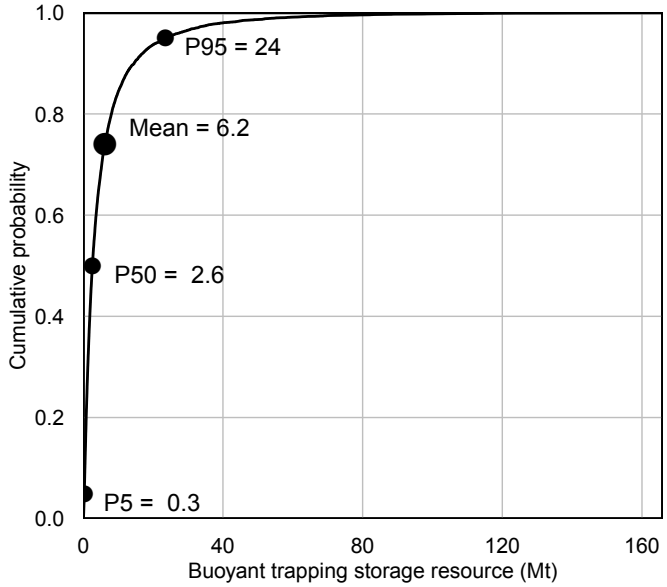


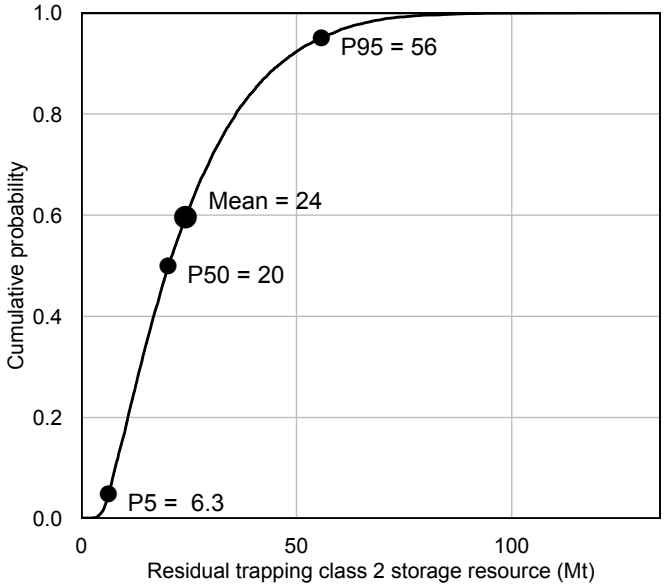


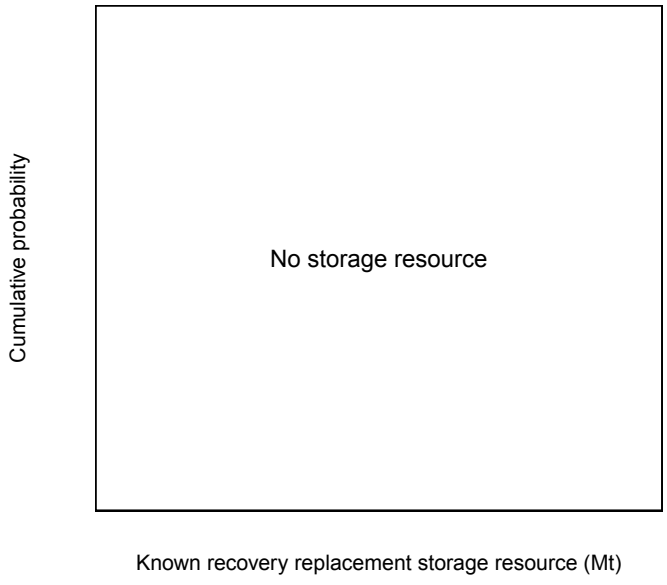
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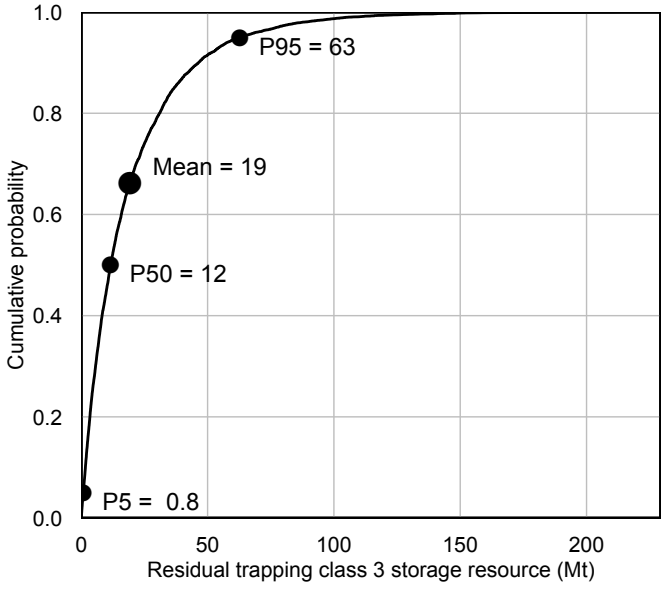




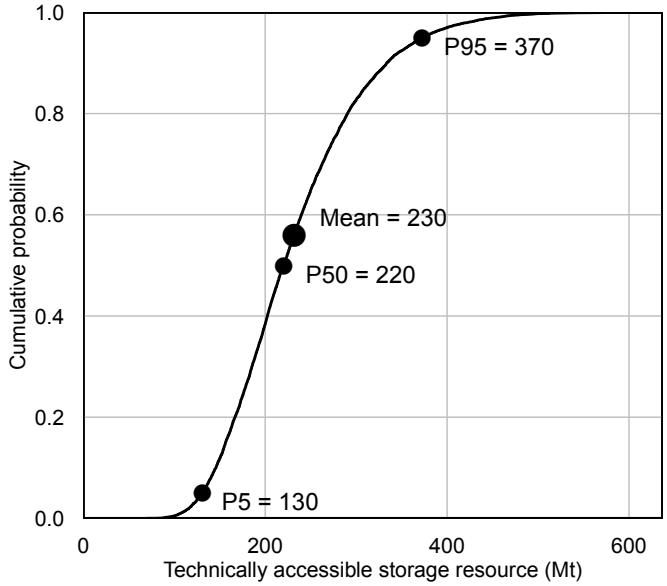


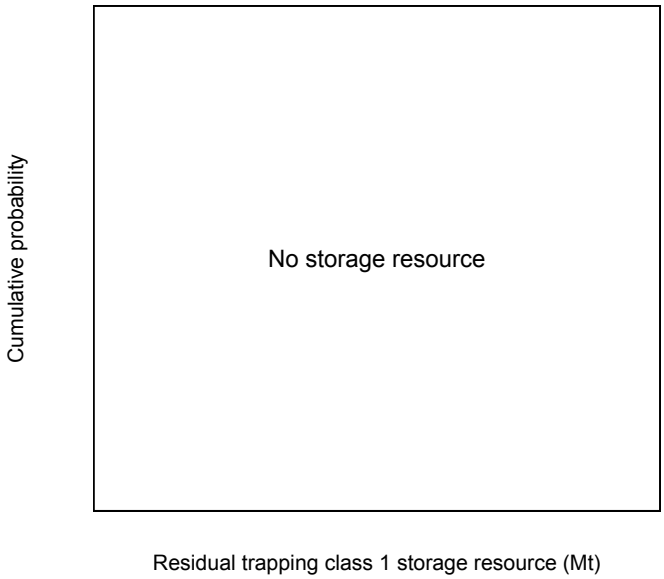


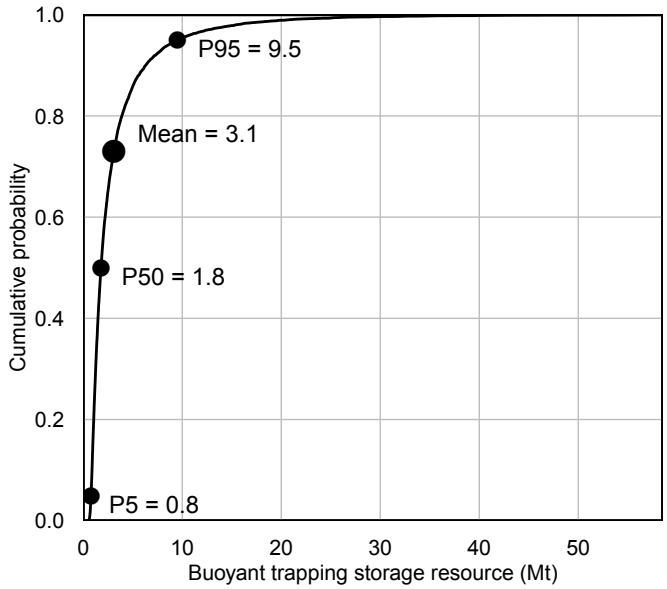


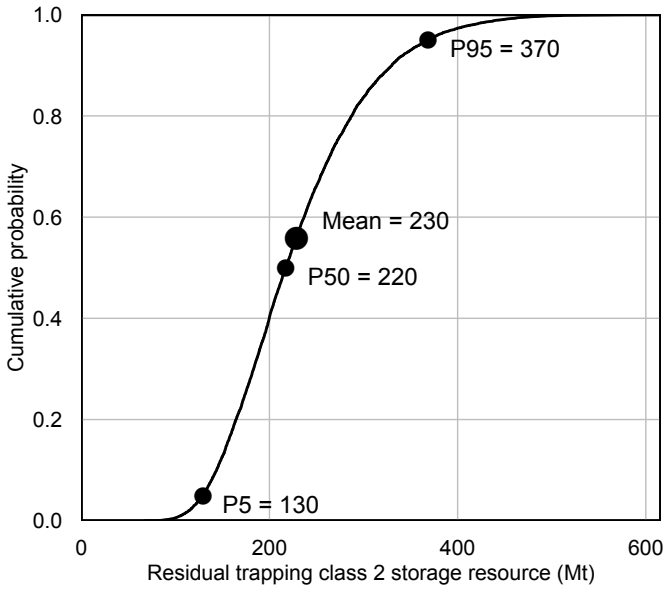


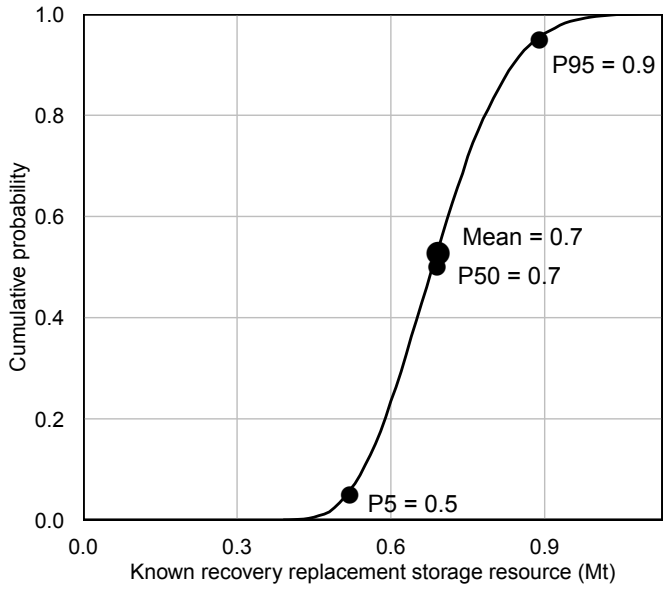
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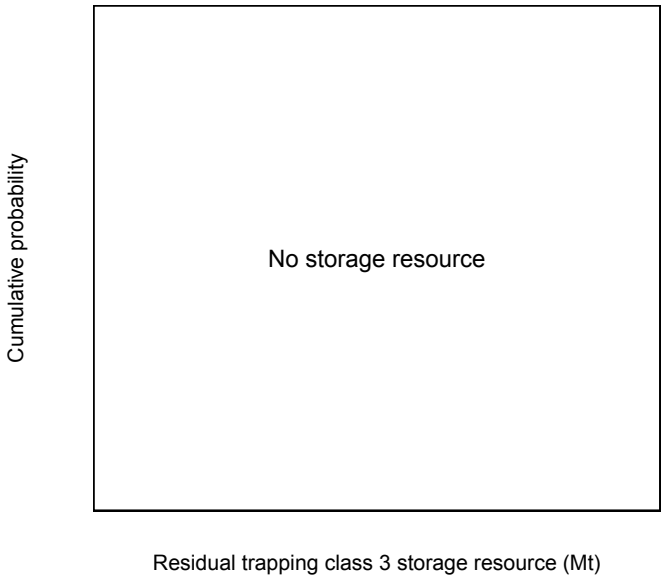




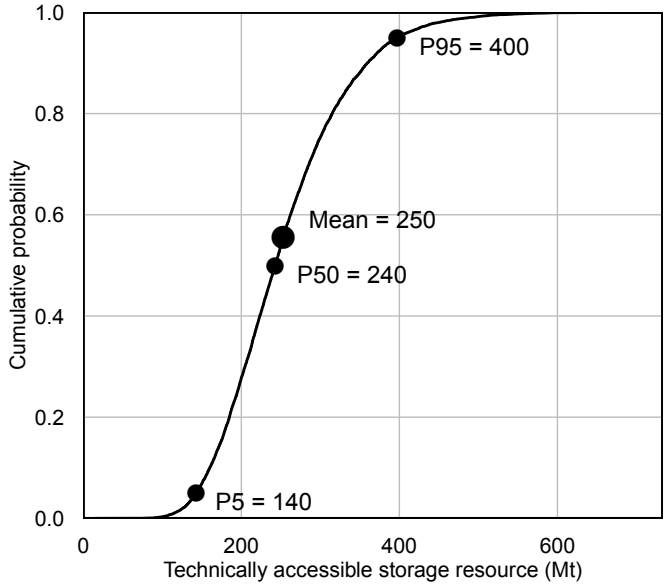


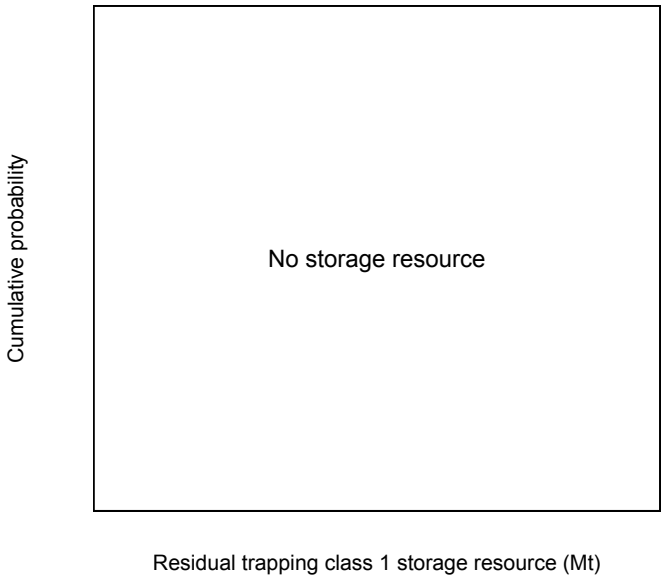


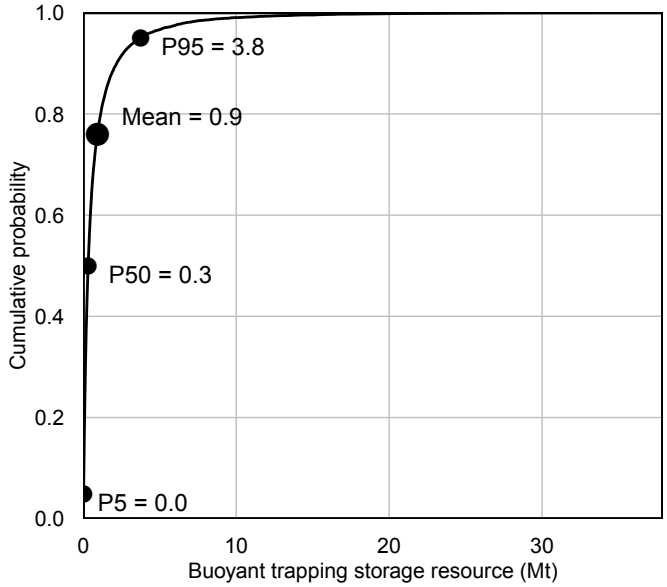


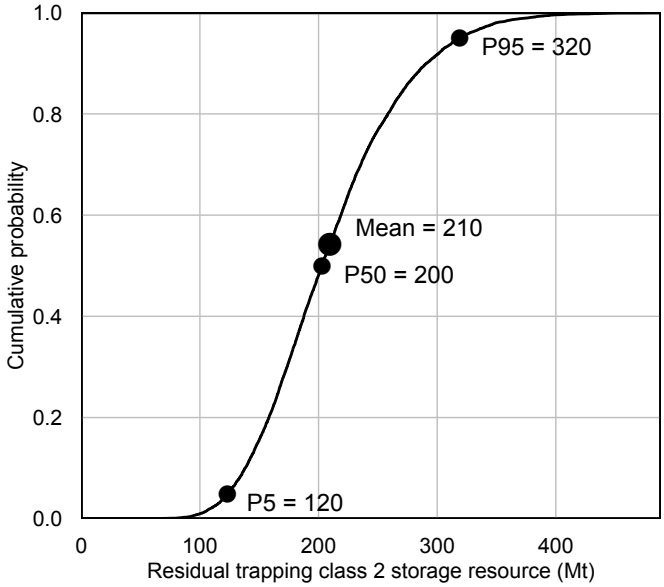


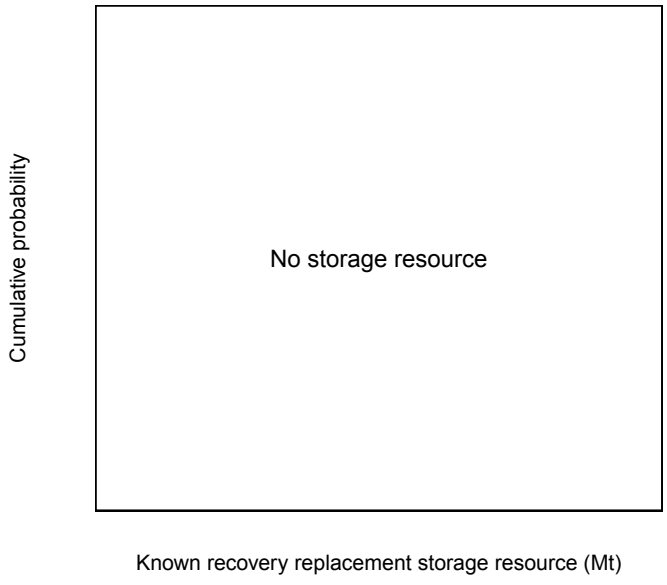
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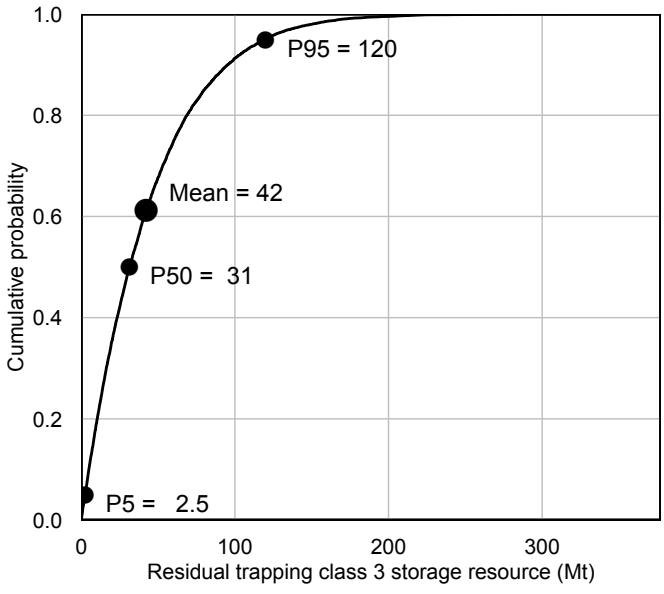




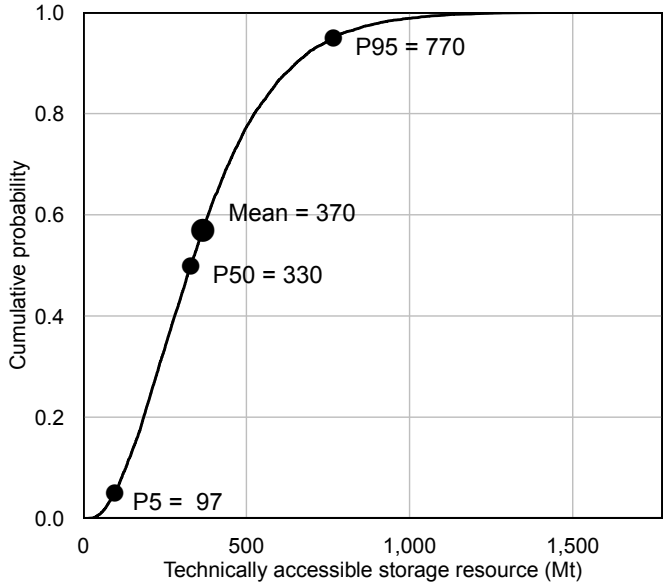


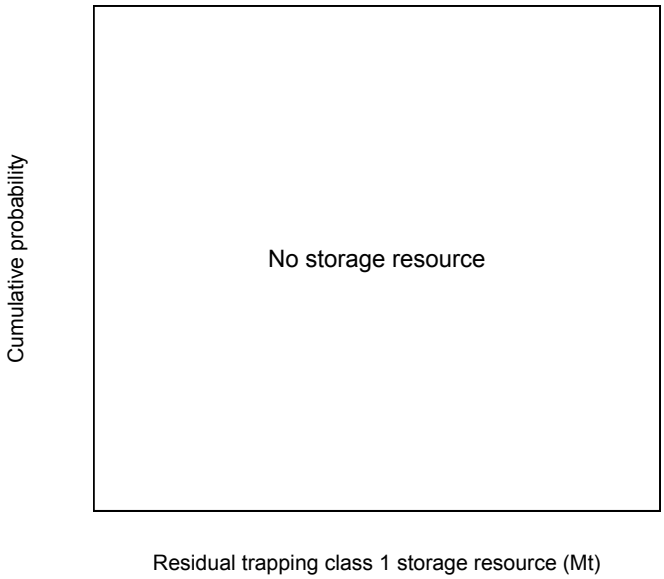


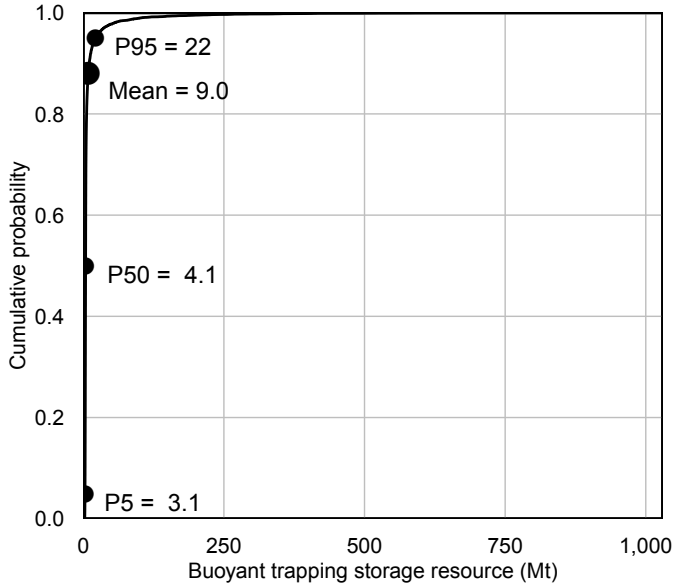


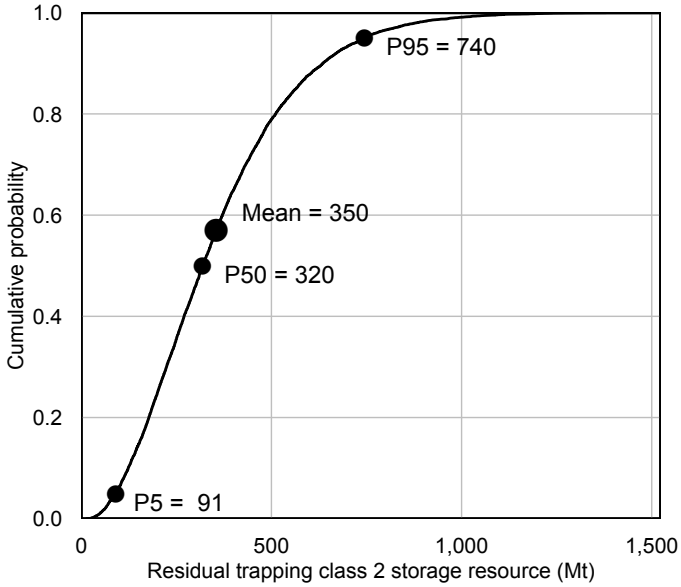


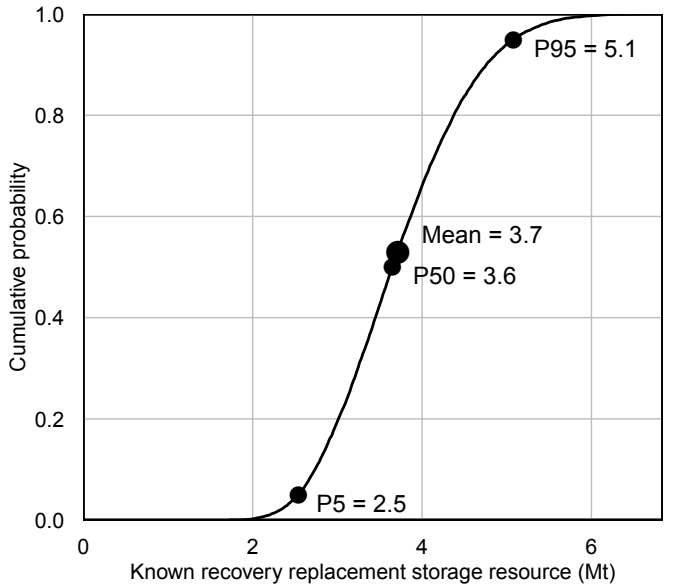
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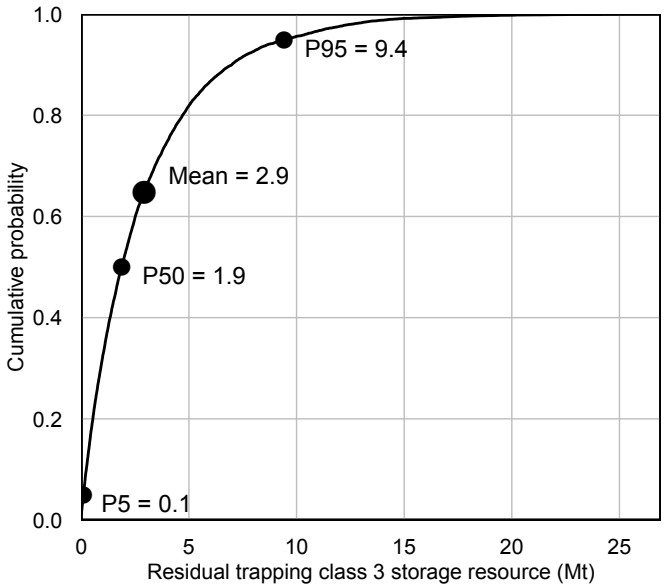




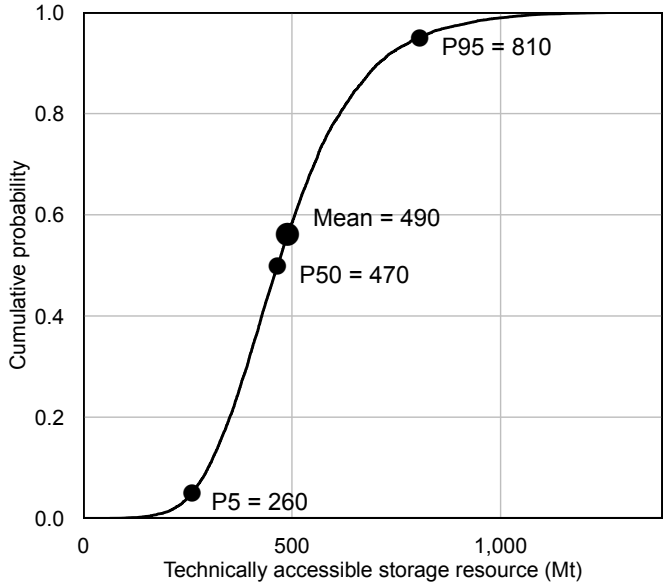


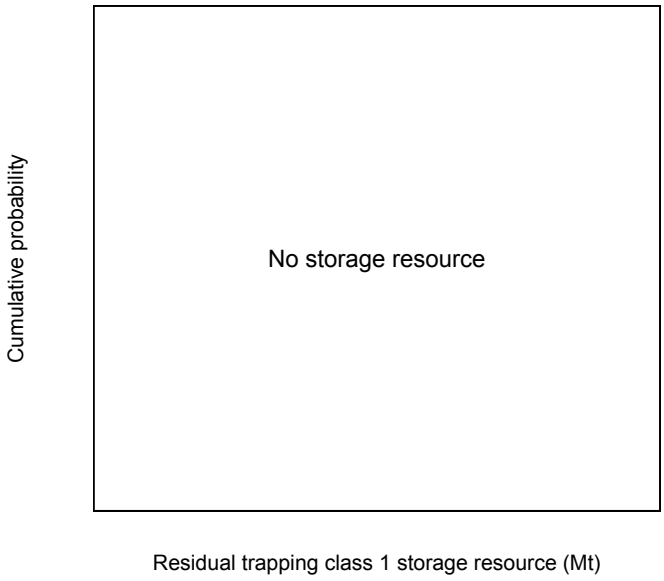


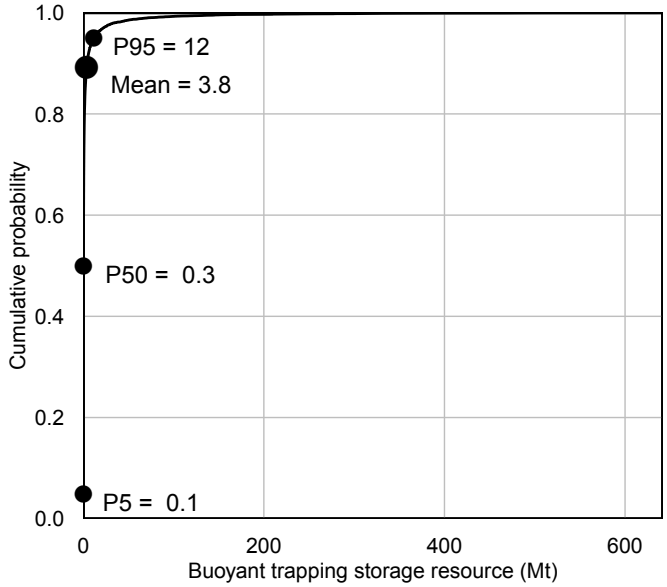


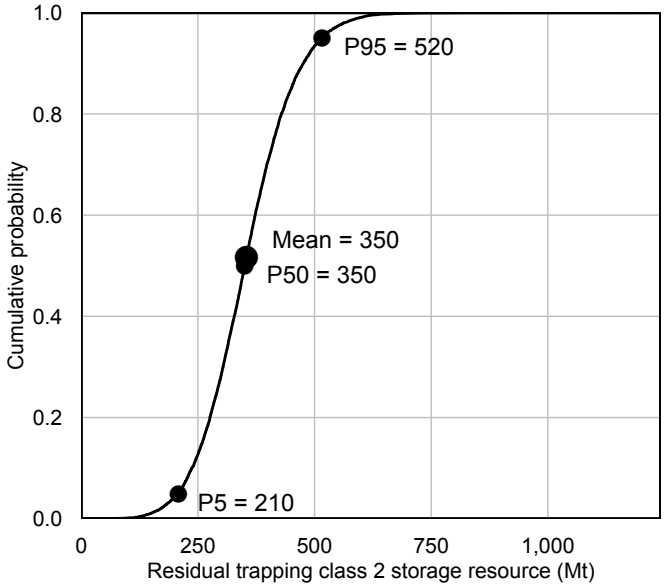


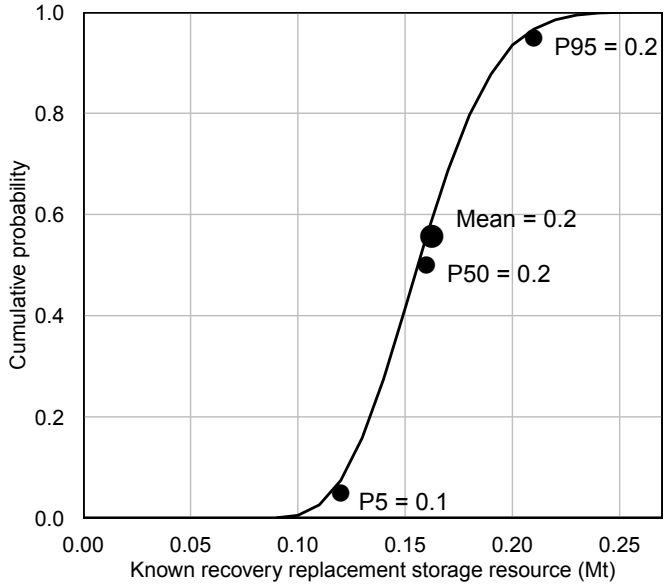
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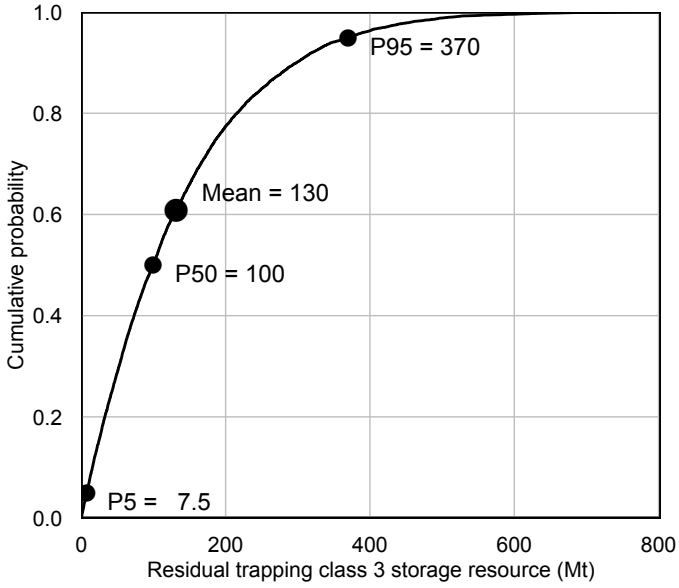




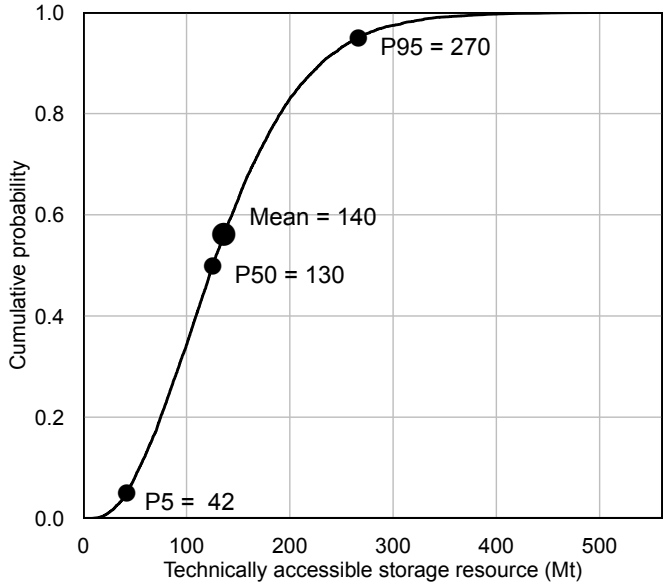


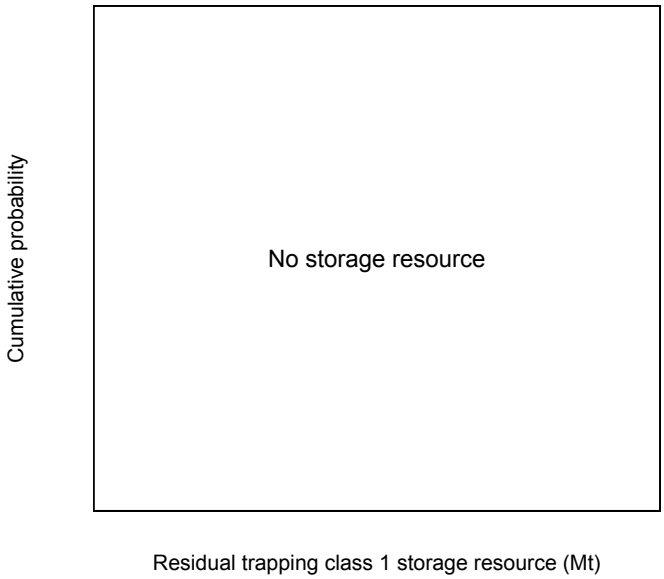


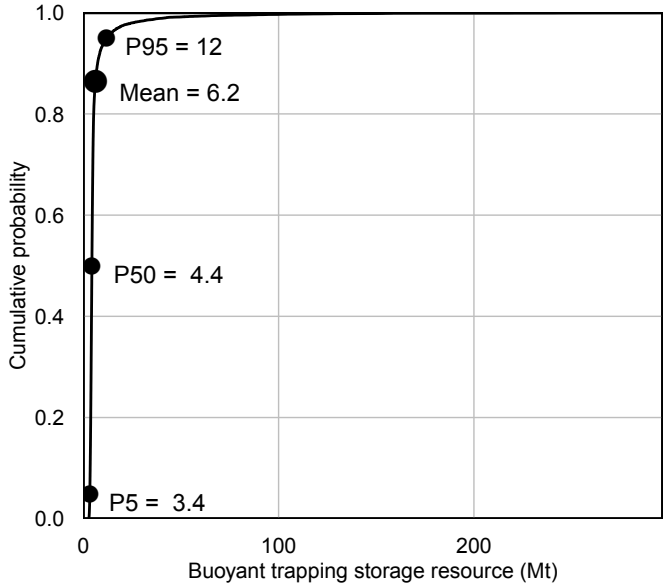


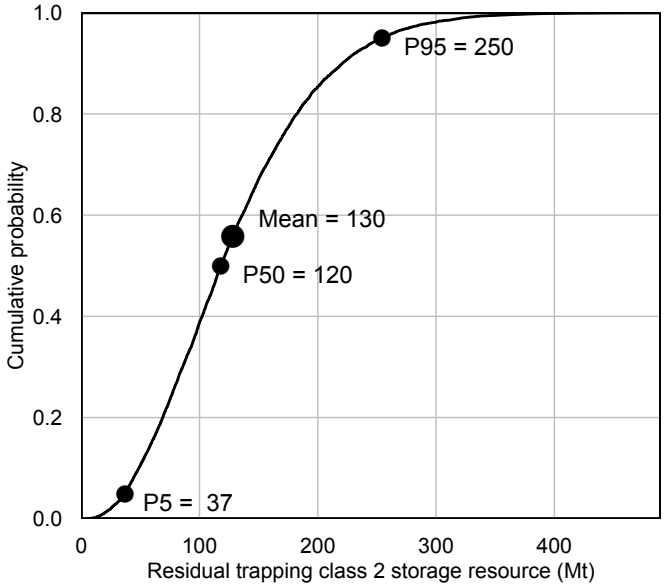


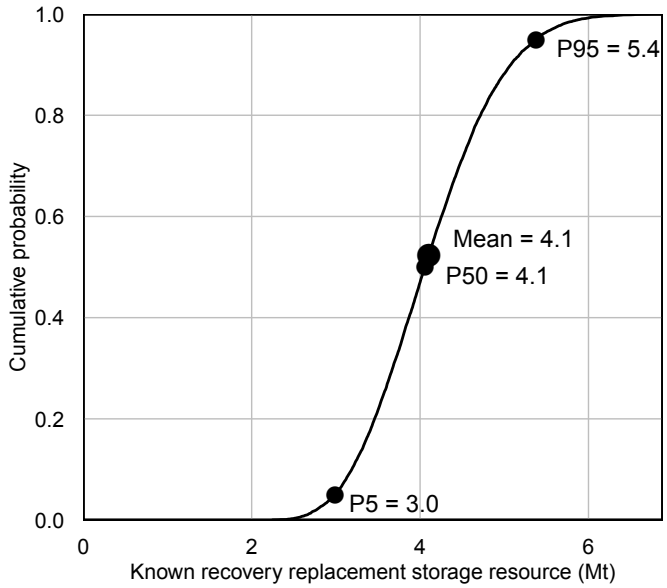
Wind River Basin C50350107

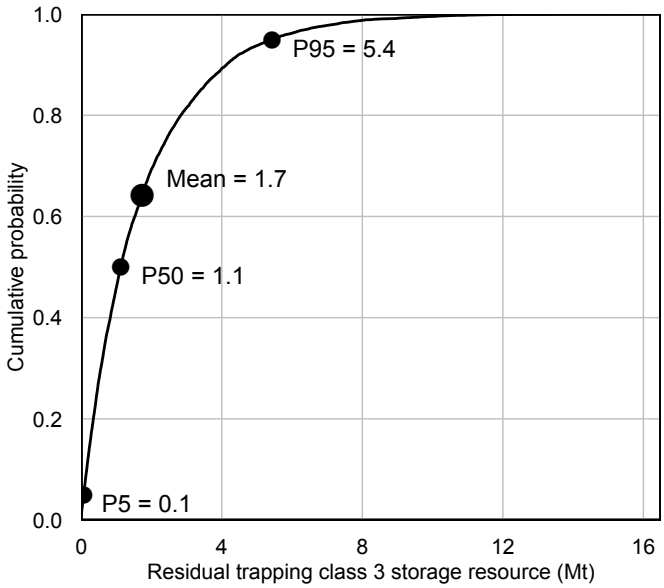




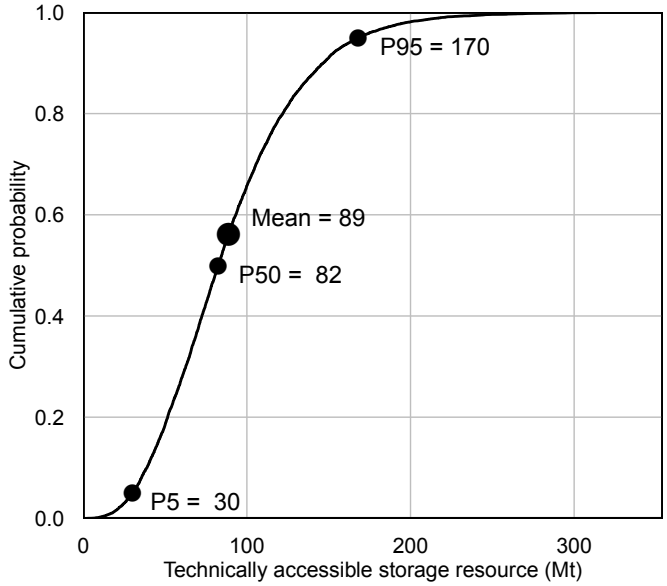


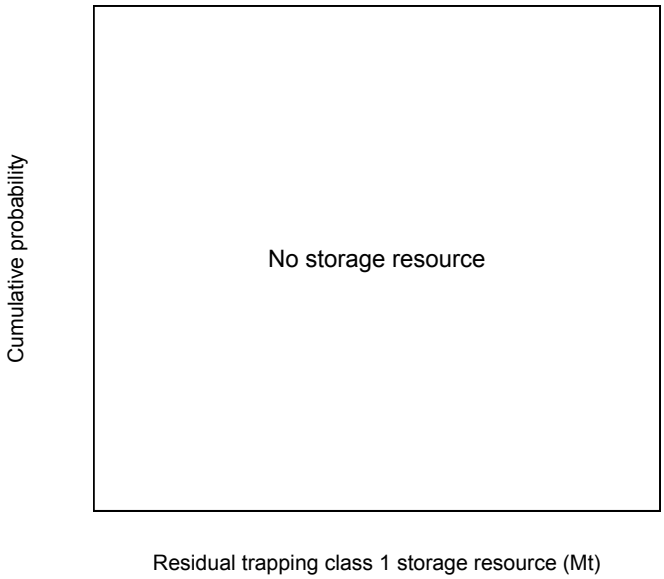


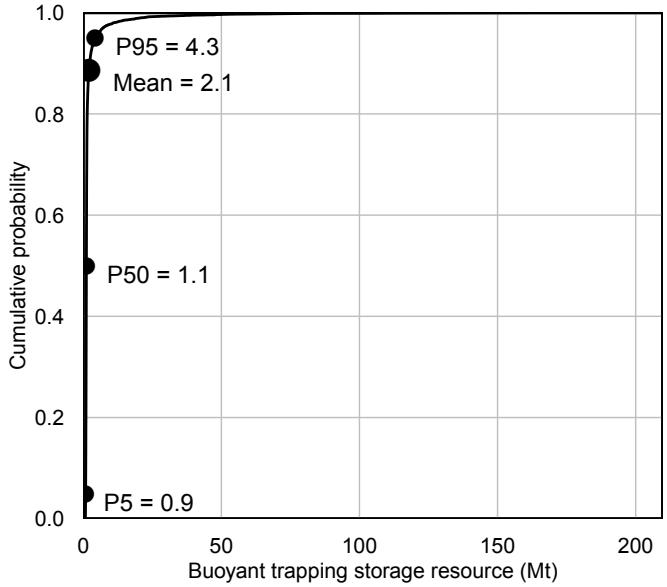


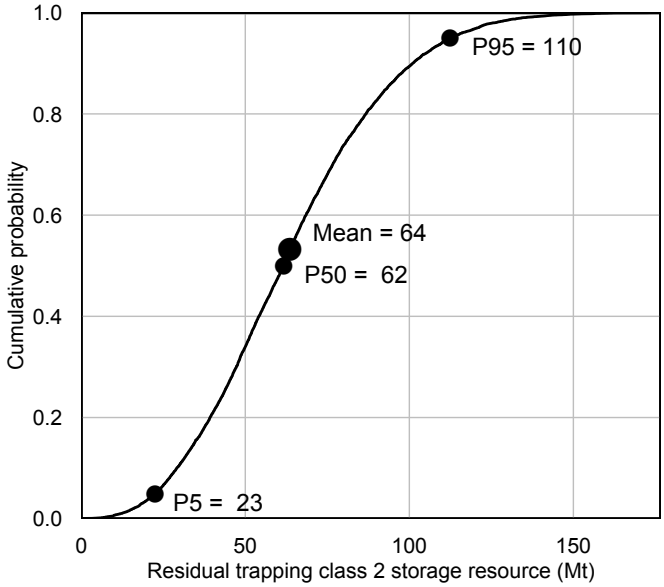


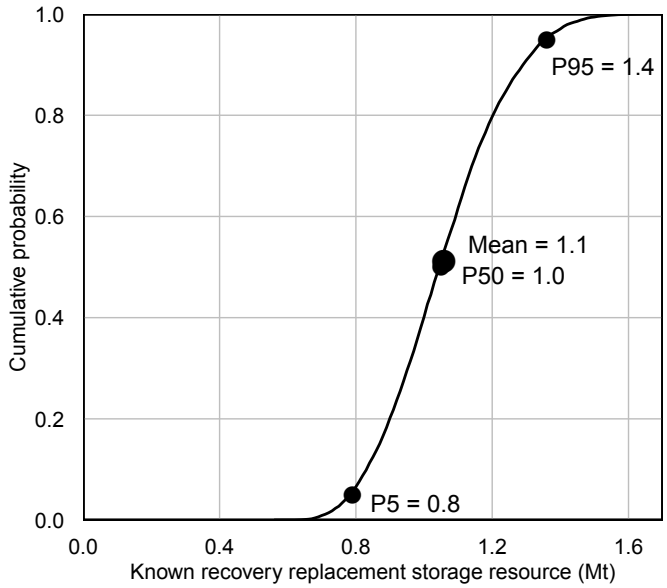
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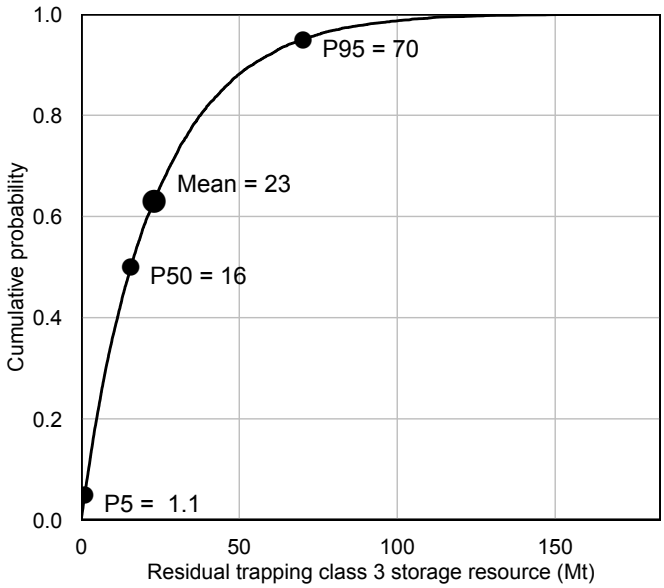




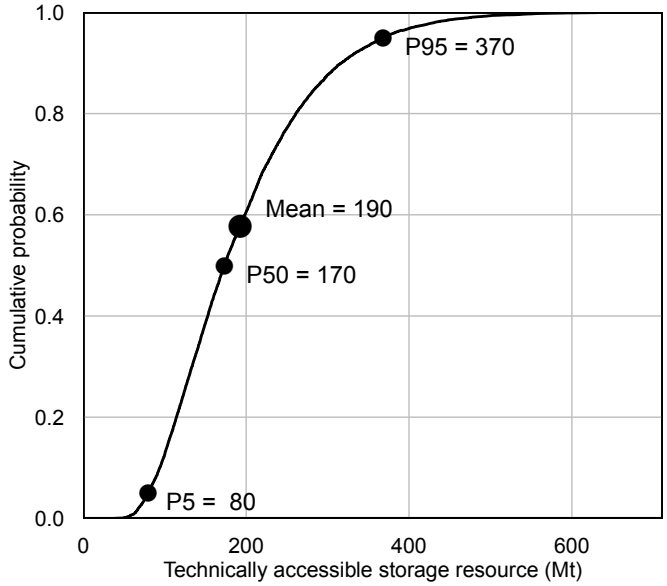


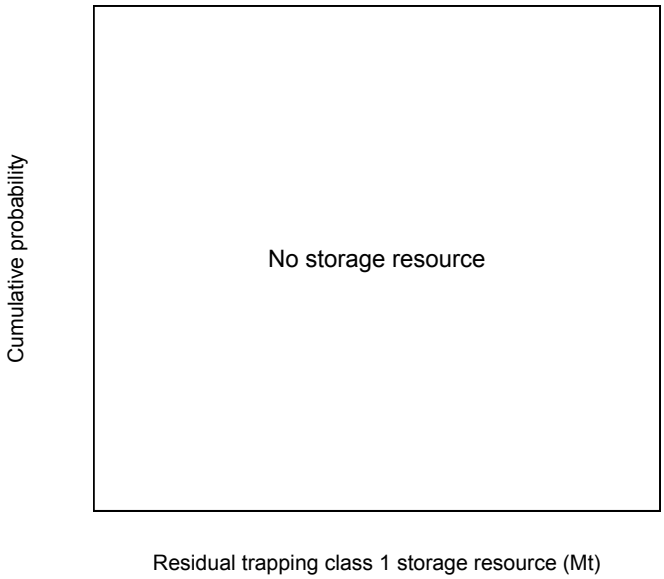


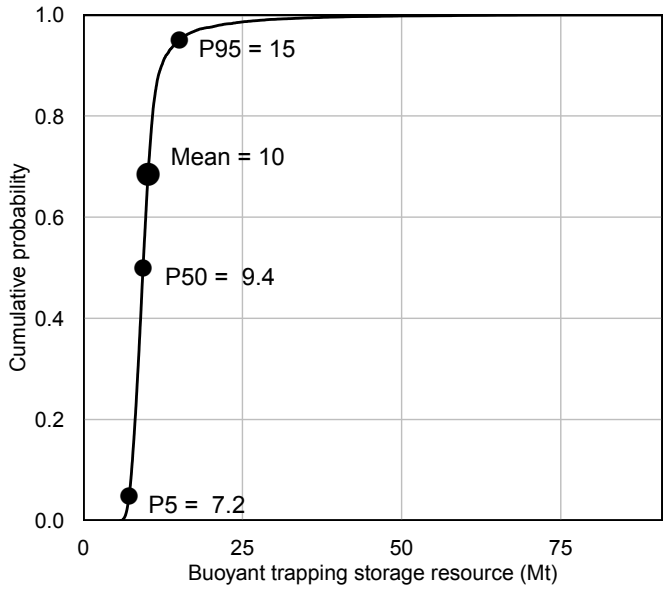


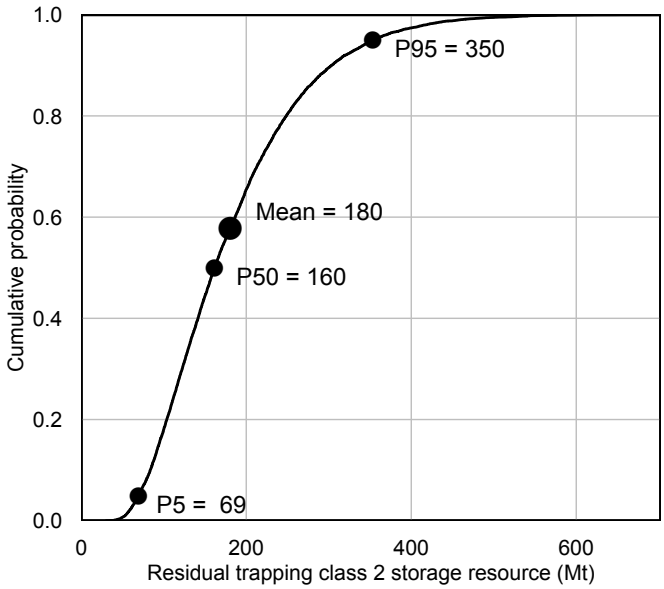


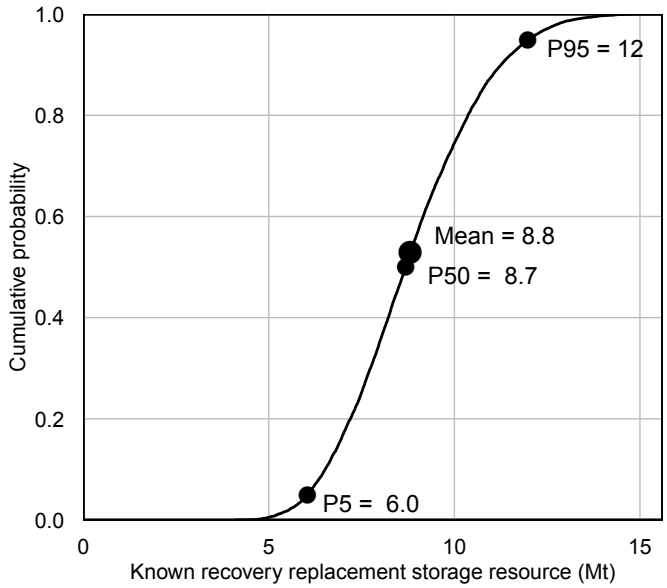
Wind River Basin C50350109

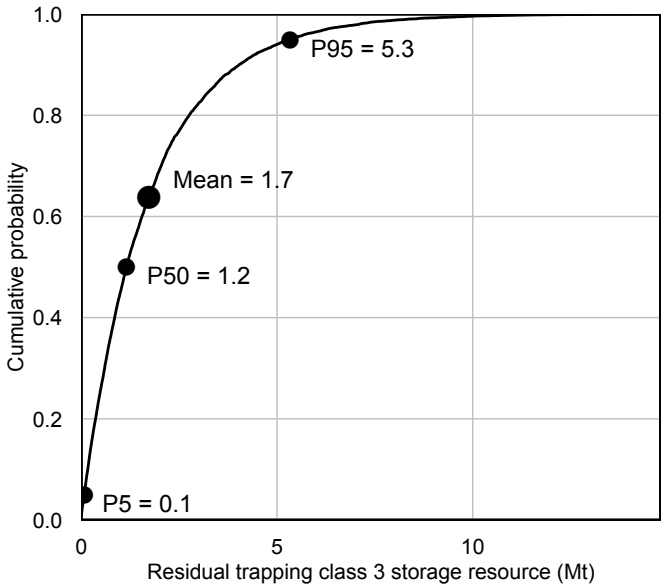




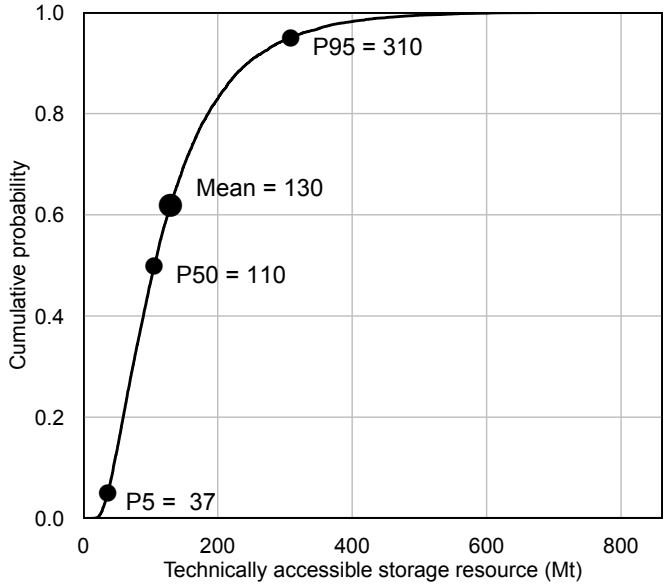


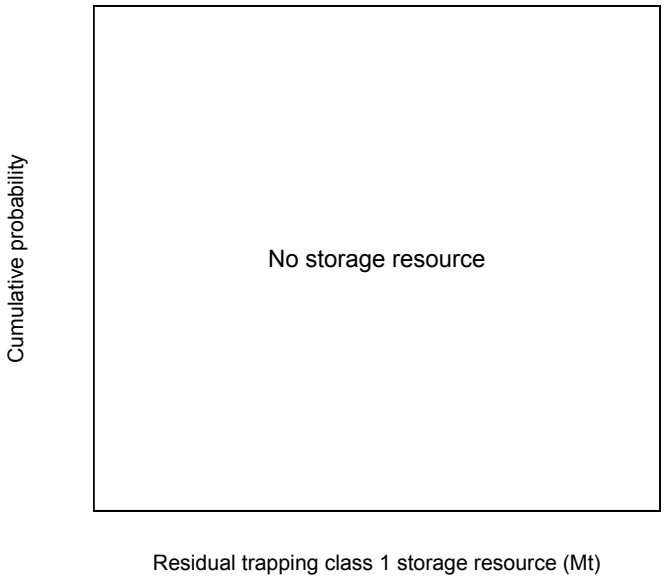


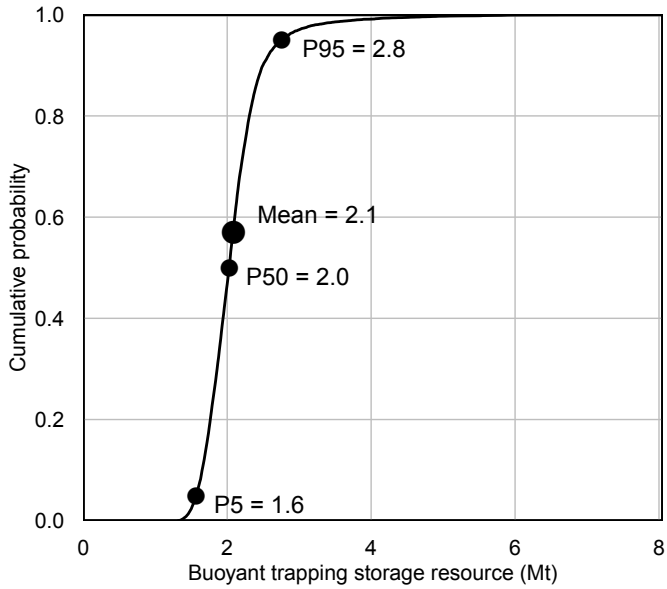


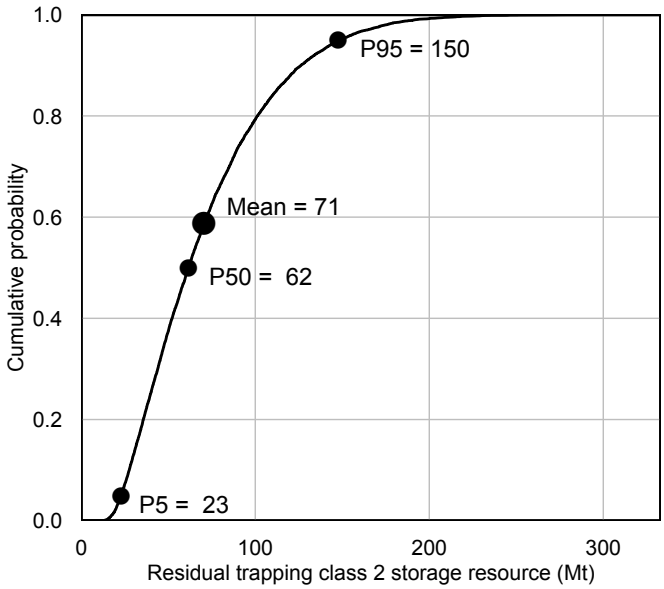


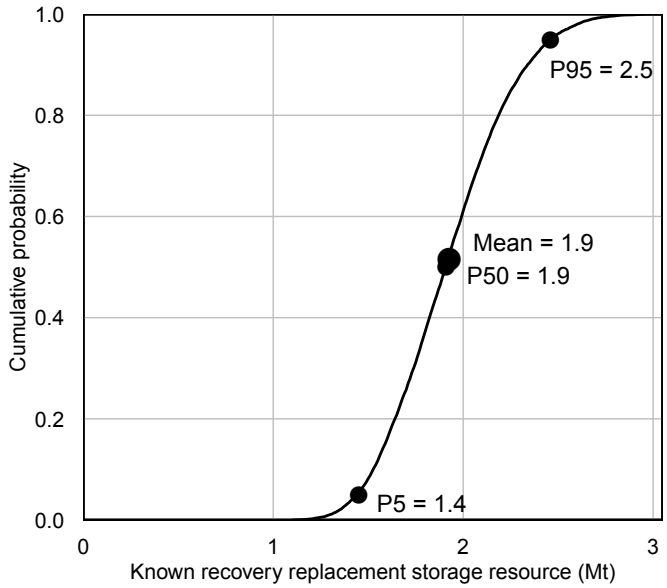
Wind River Basin C50350110

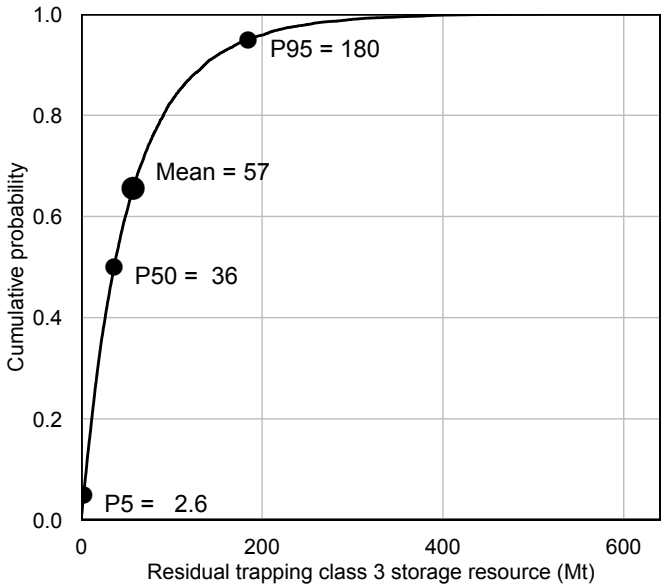




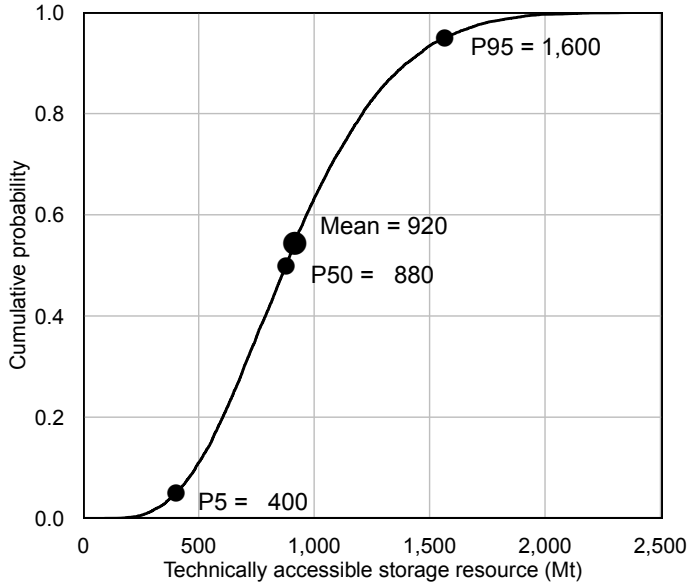


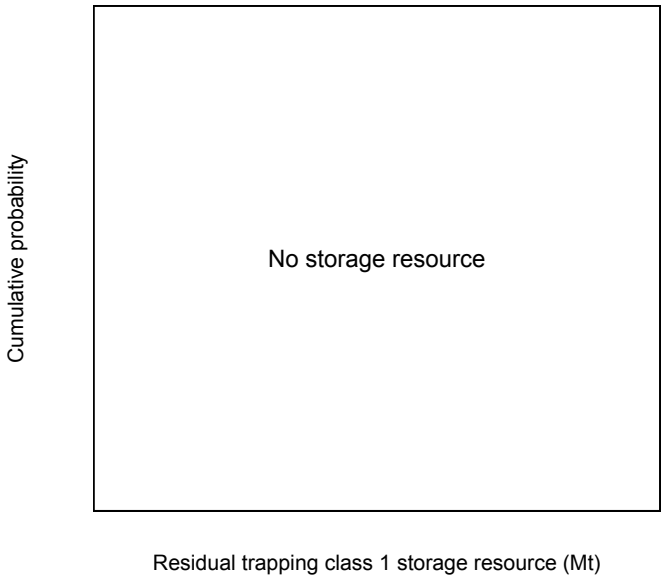


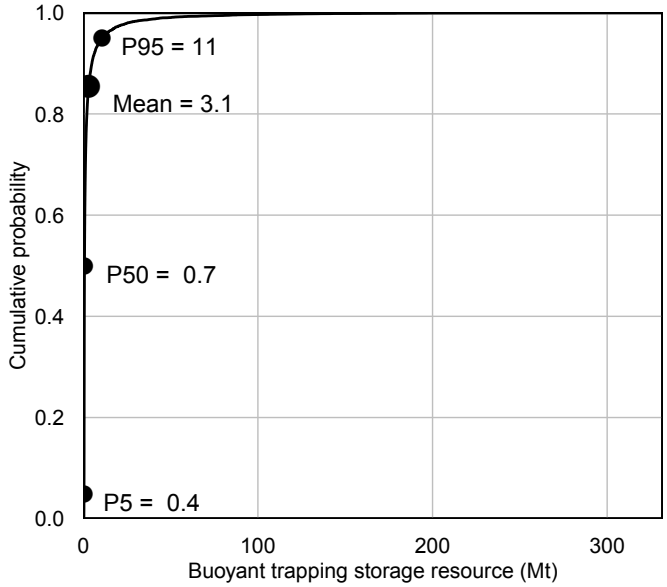


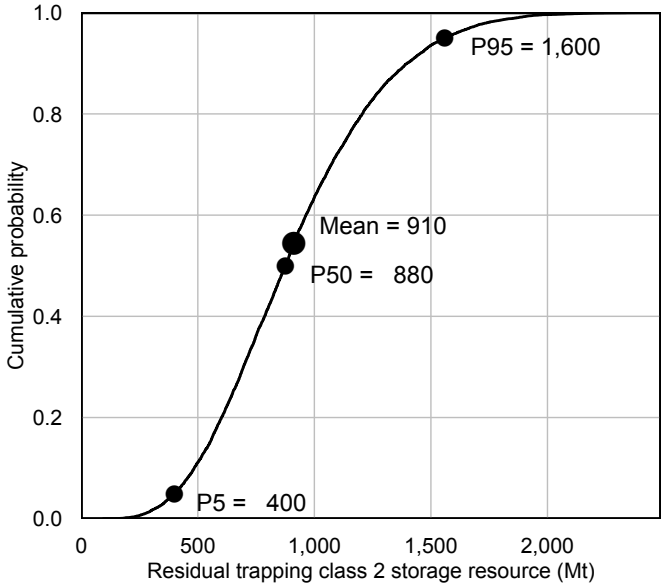


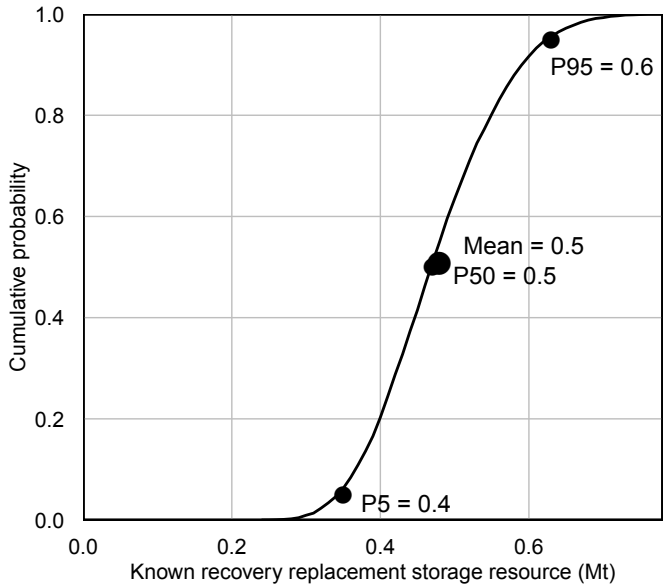
Wind River Basin C50350111

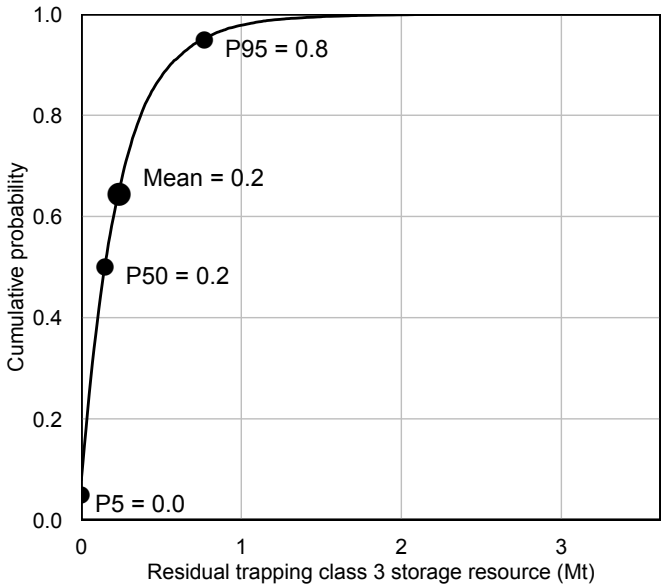




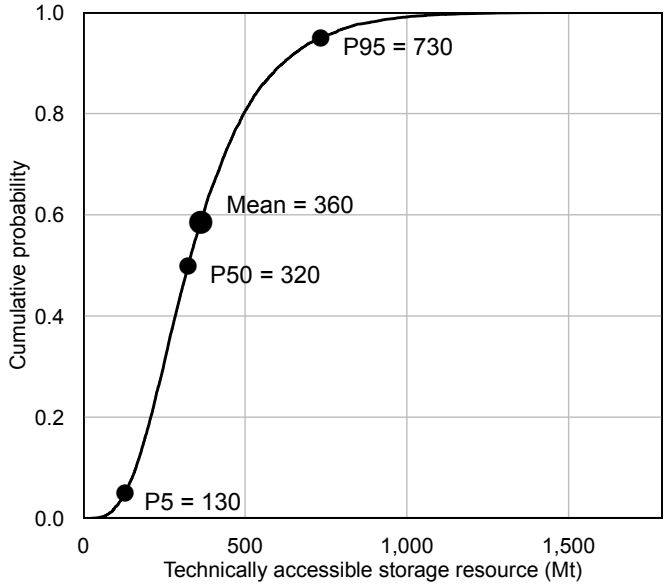


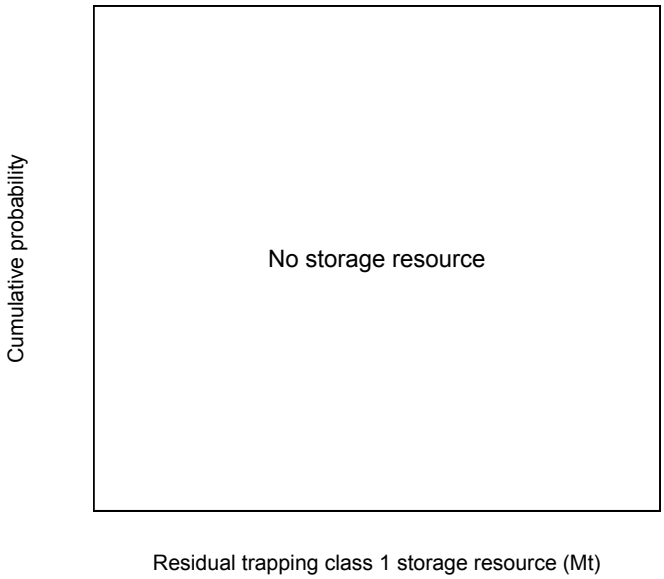


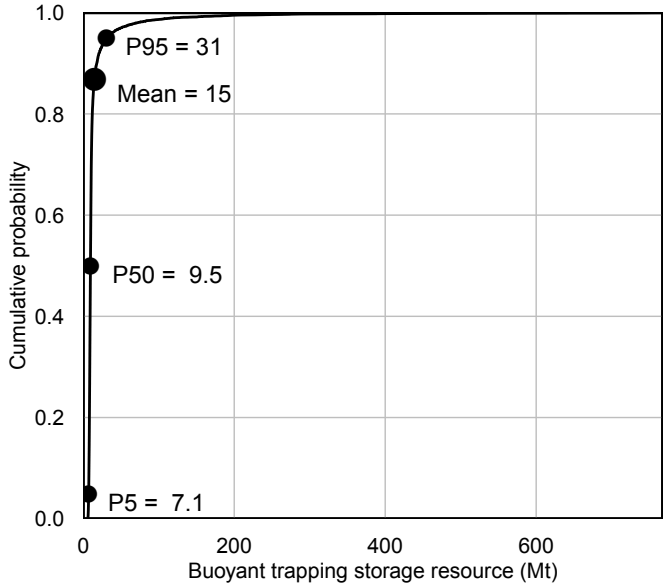


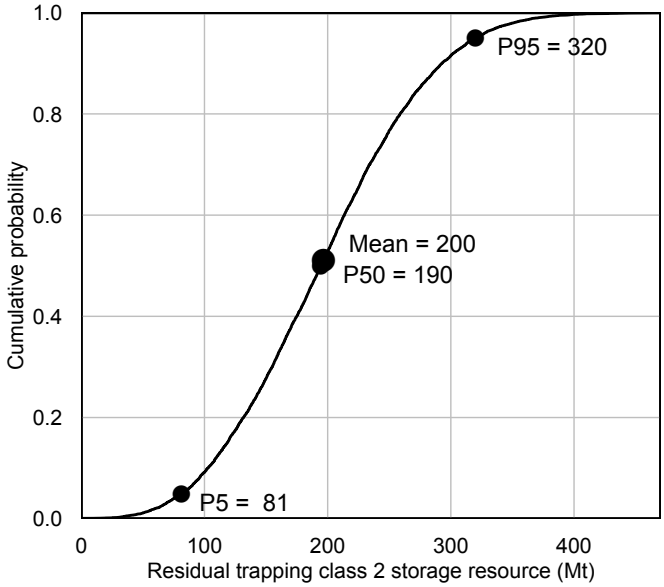


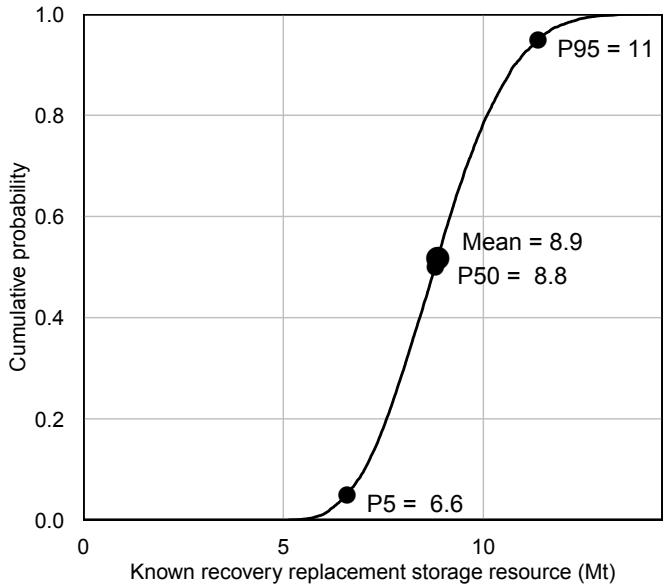
Wind River Basin C50350112

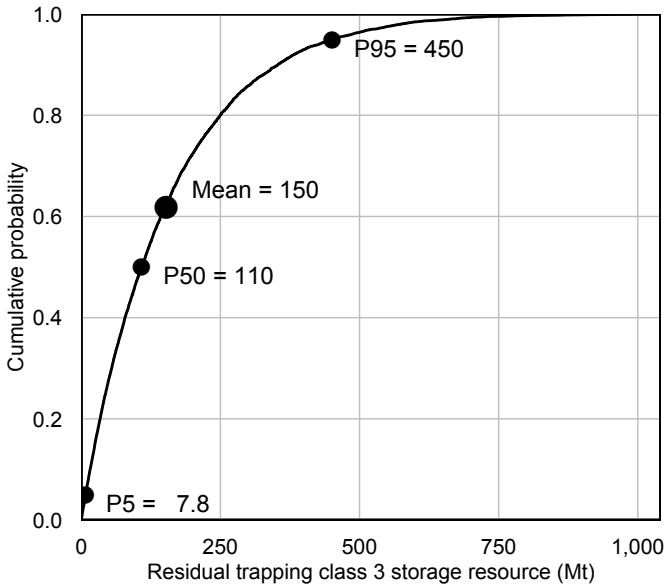




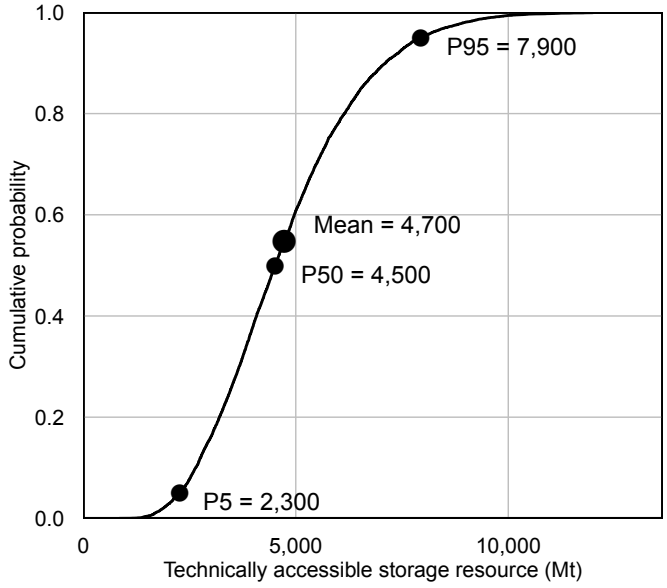


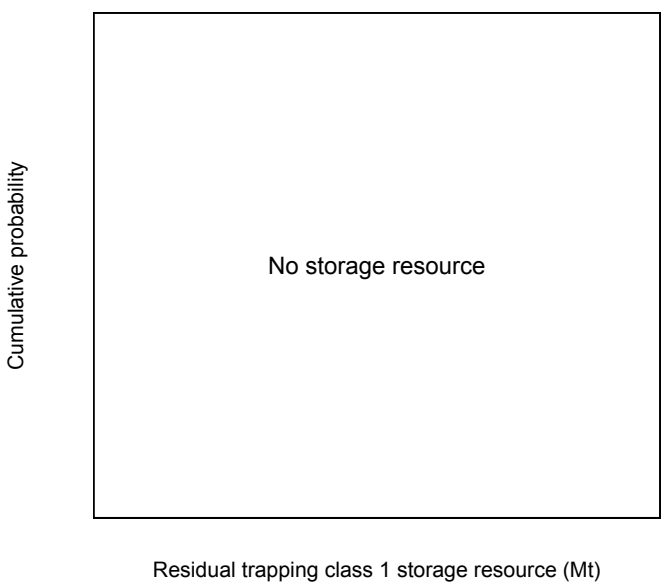


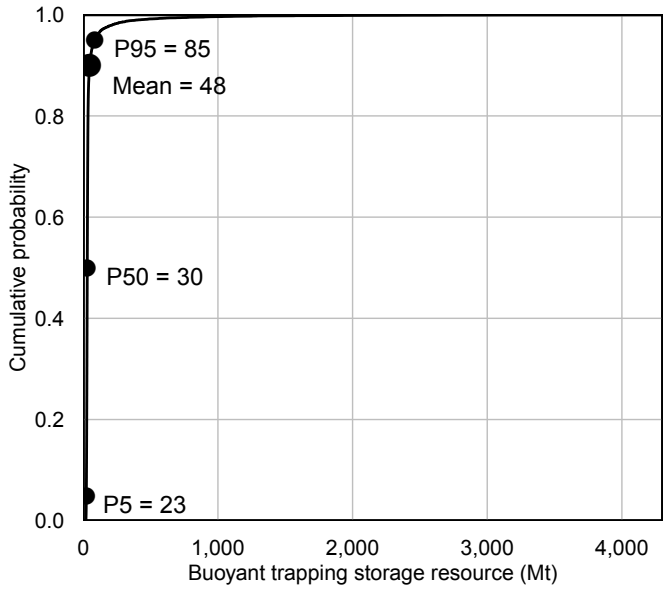


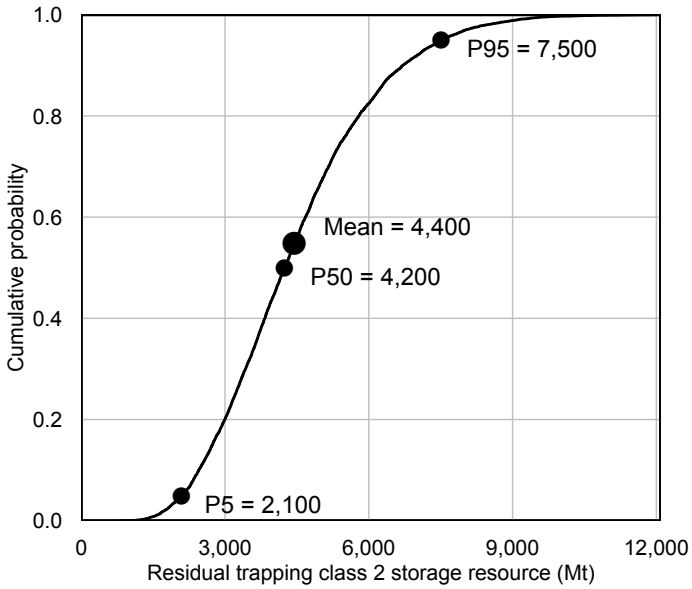


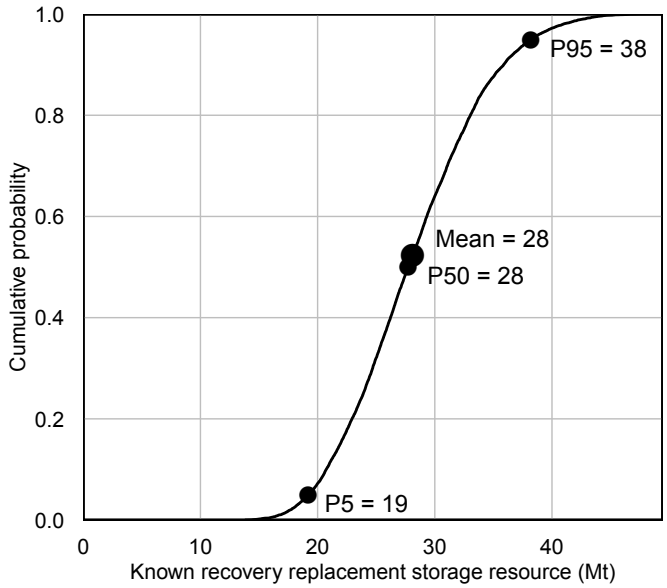
Wind River Basin C50350113

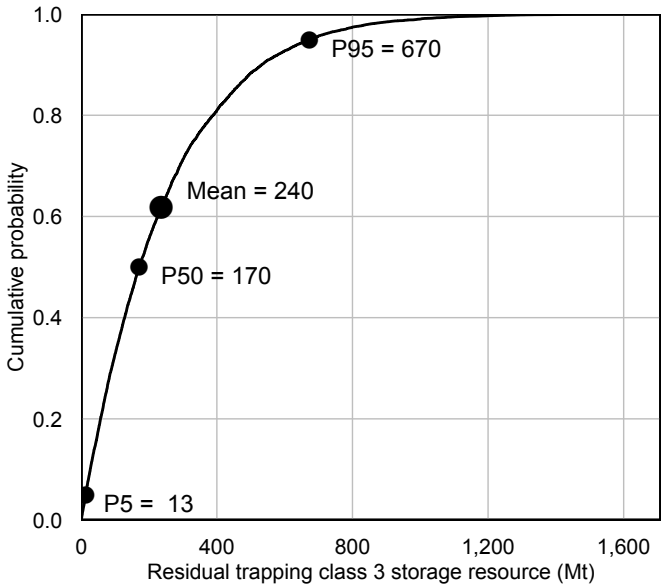




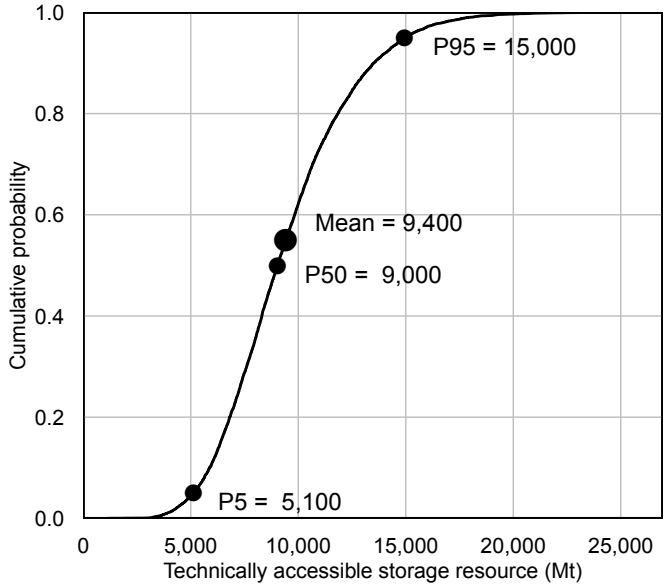


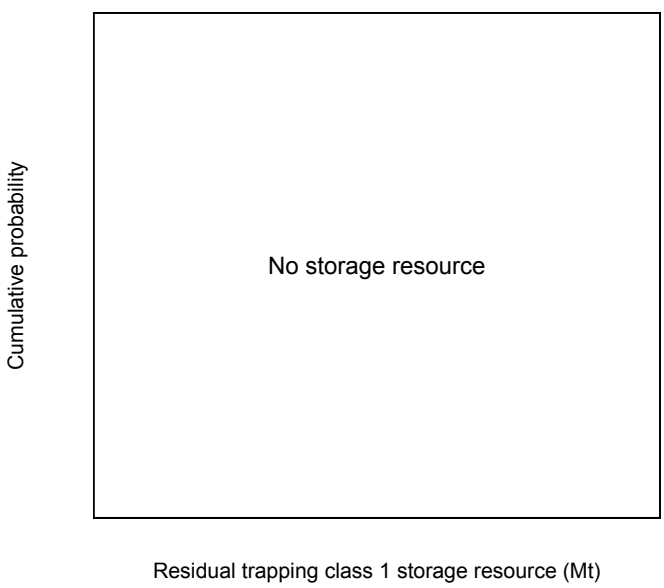


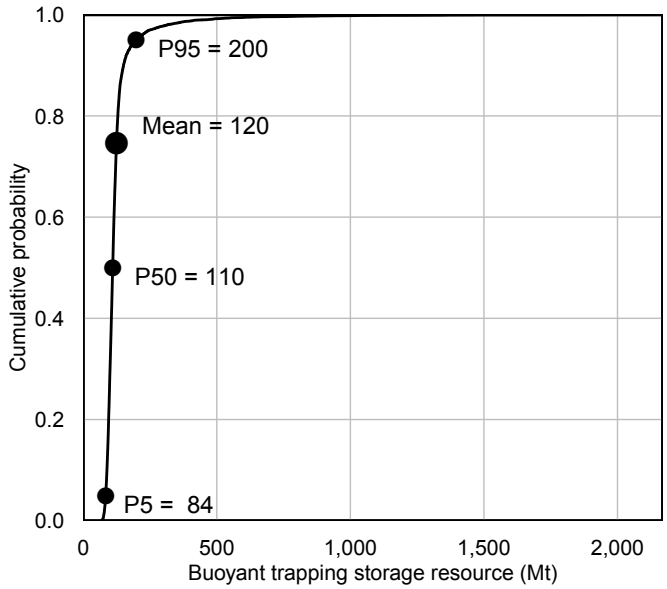


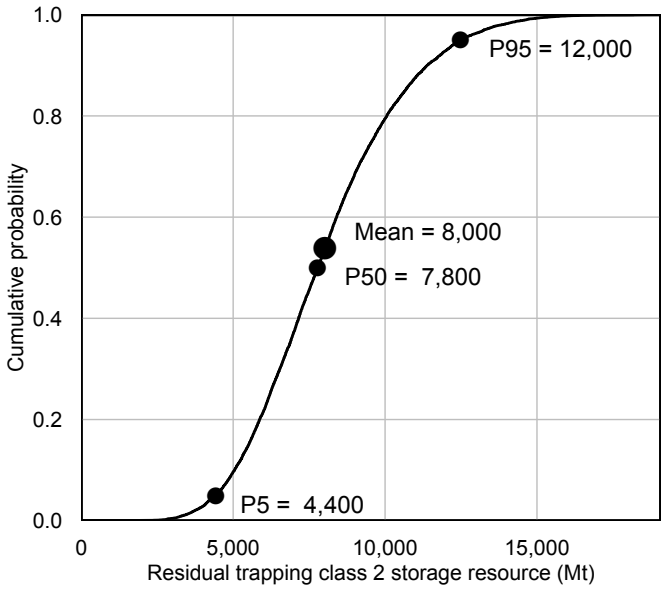


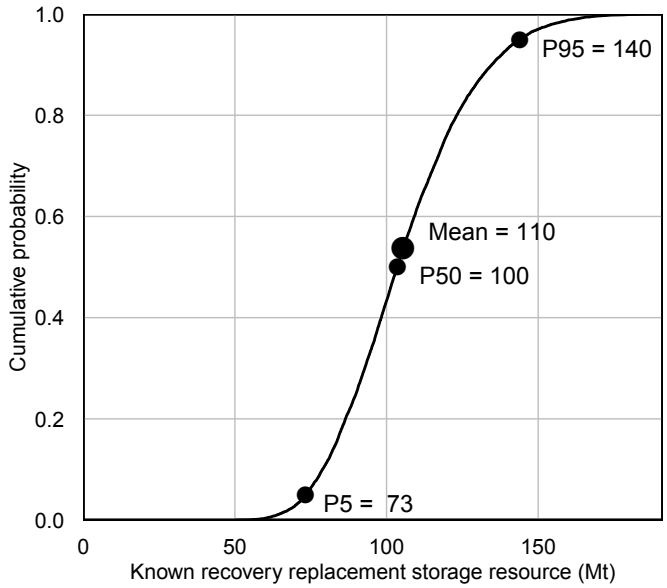
Wyoming−Idaho−Utah Thrust Belt C50360101

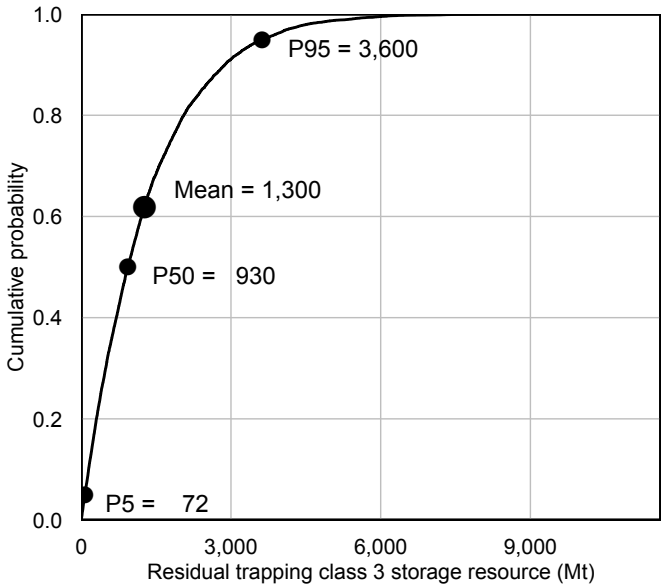




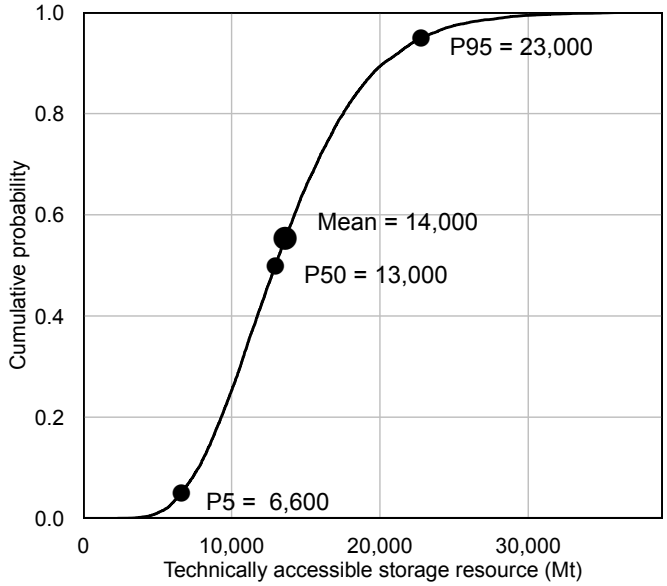


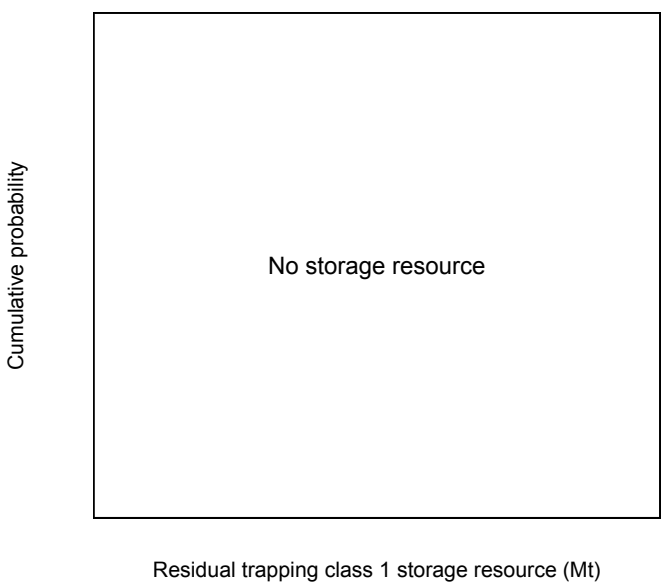


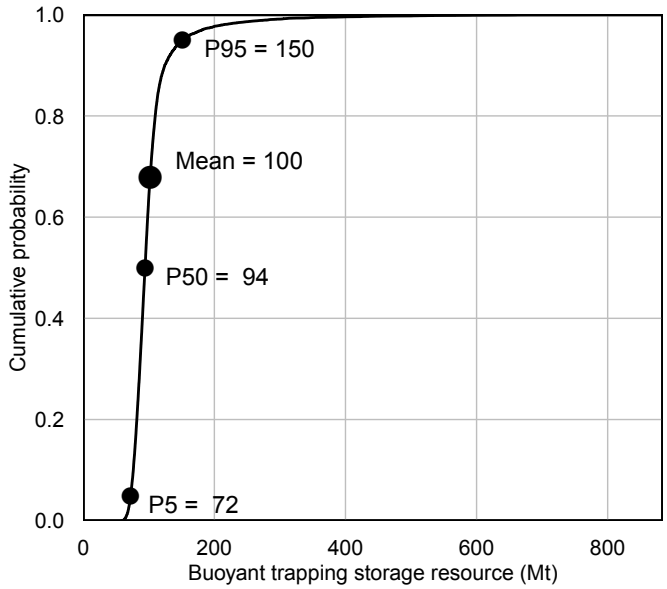


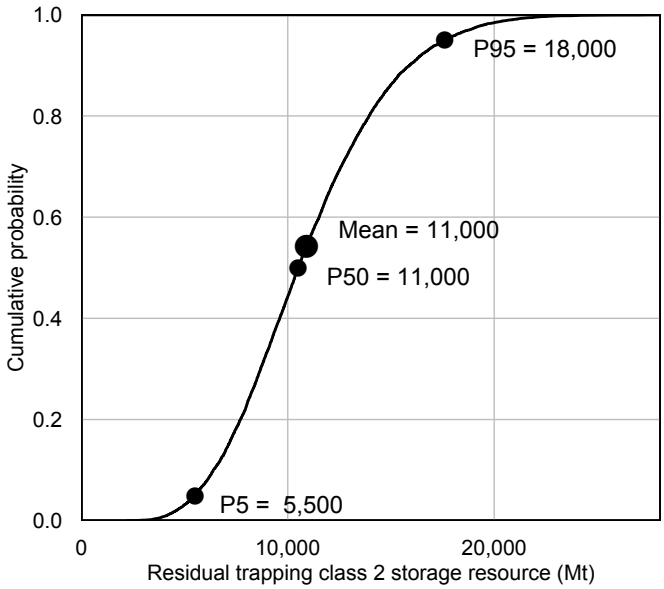


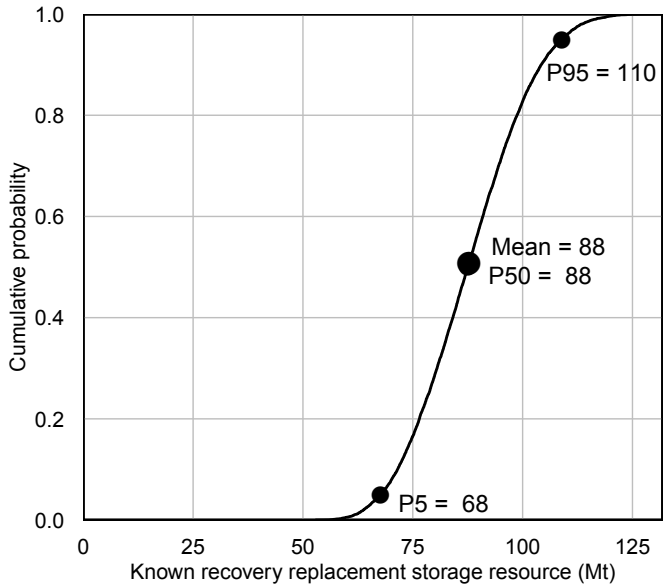
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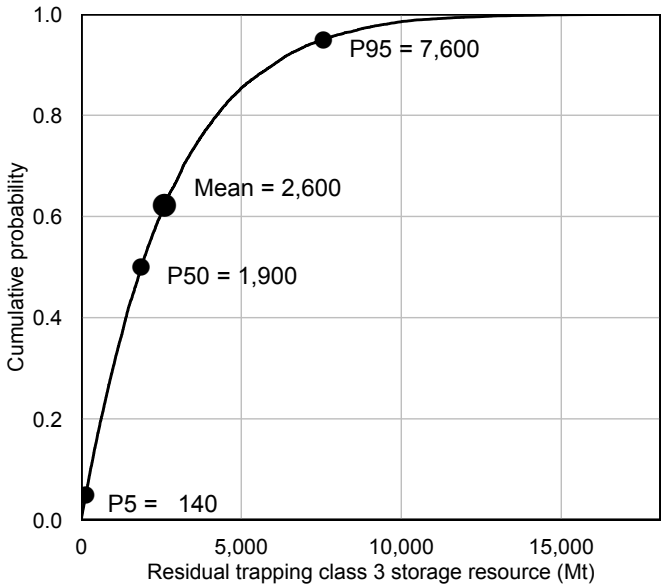




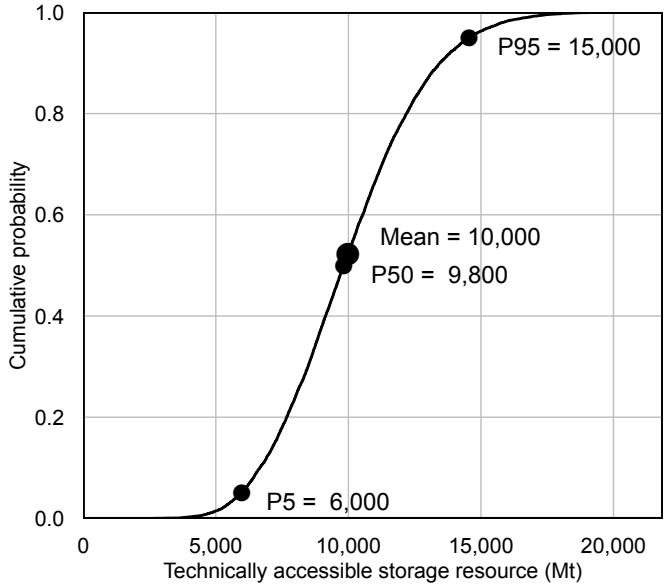


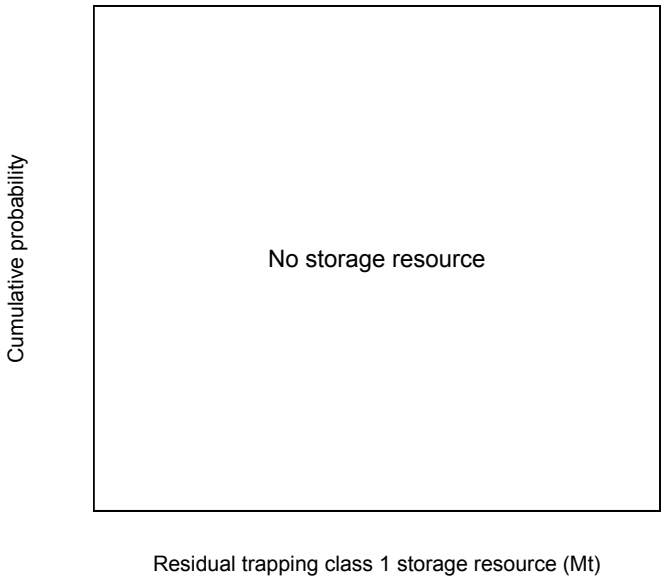


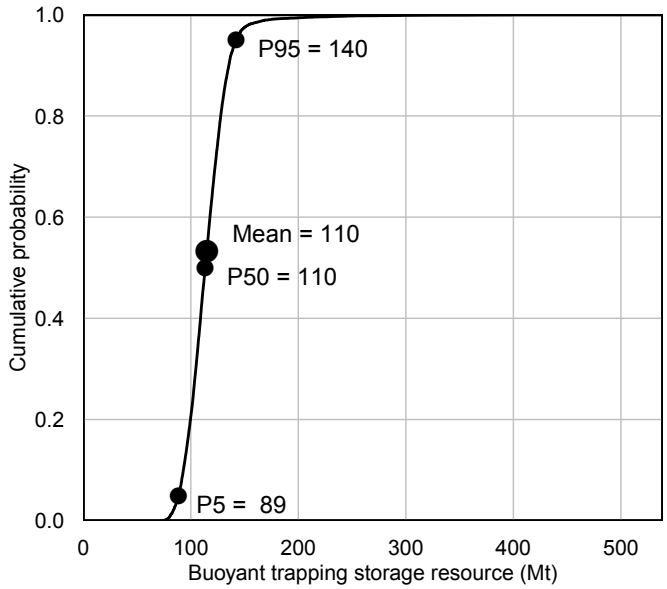


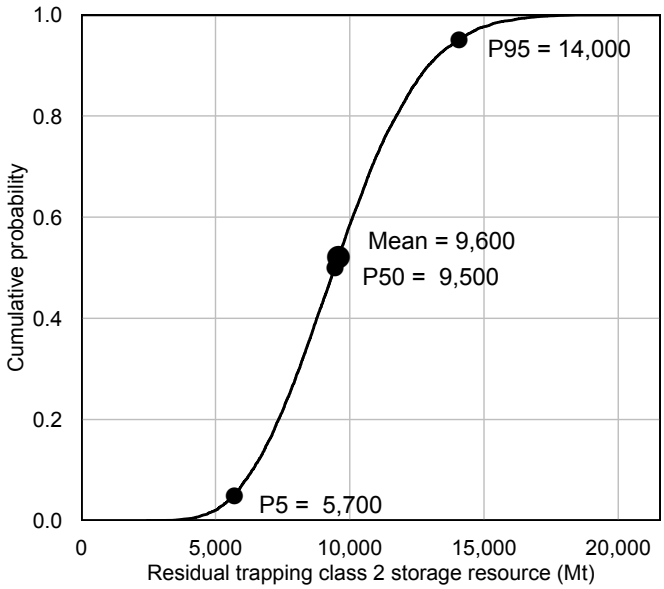


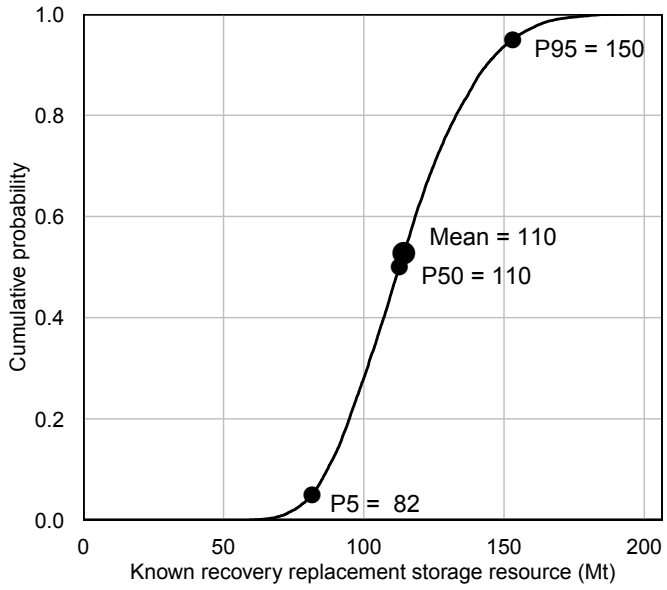
Wyoming–Idaho–Utah Thrust Belt C50360103

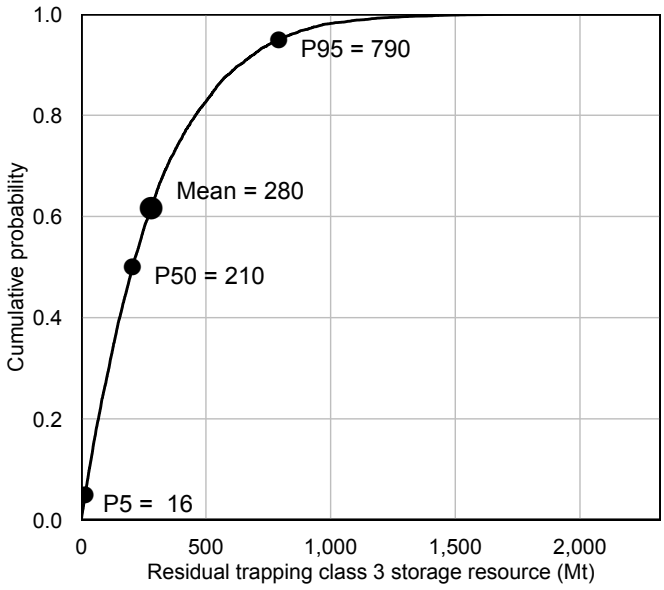




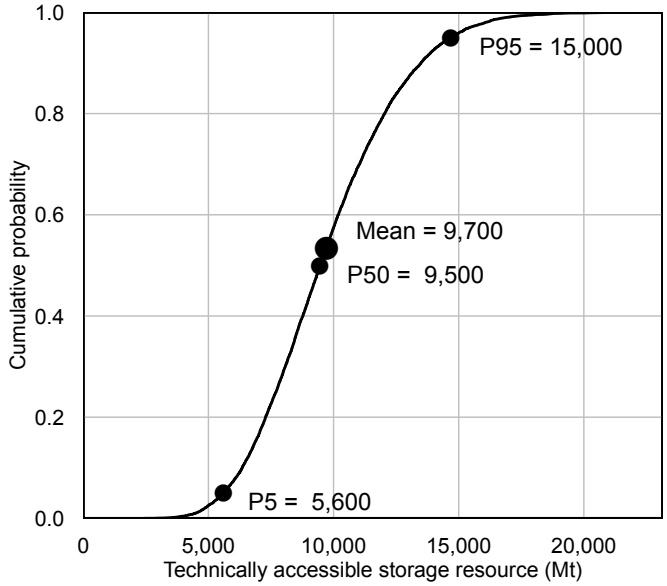


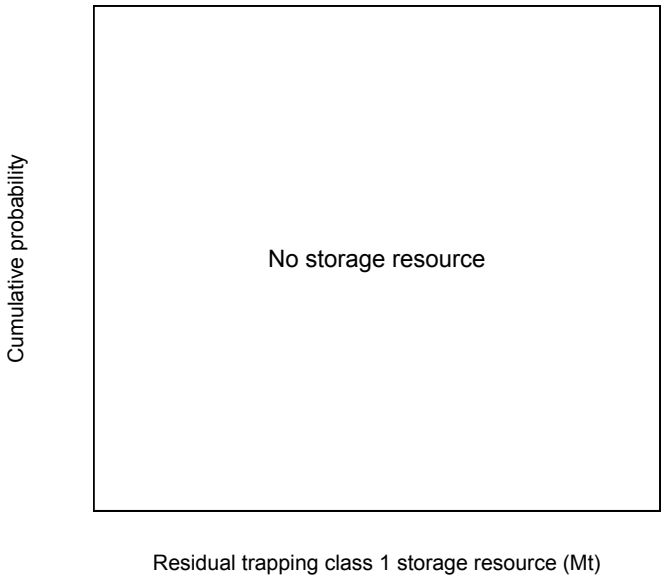


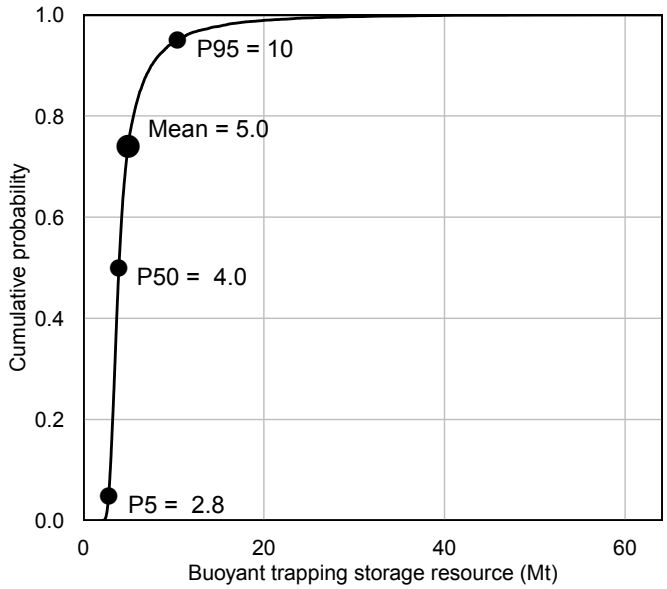


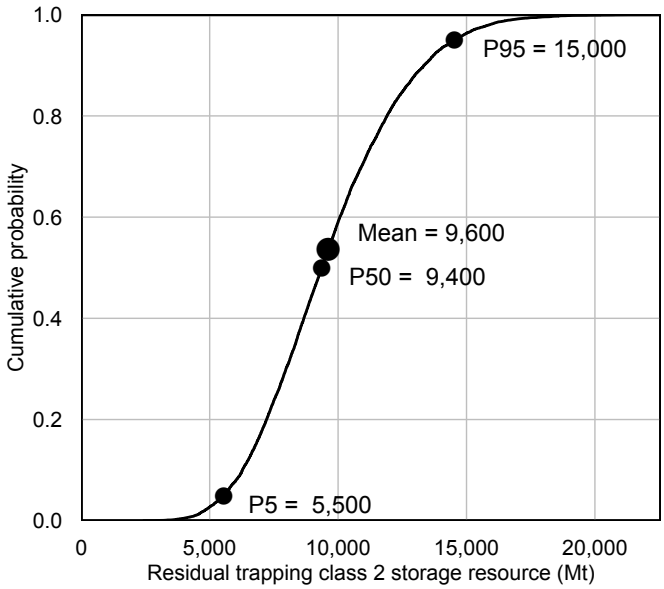


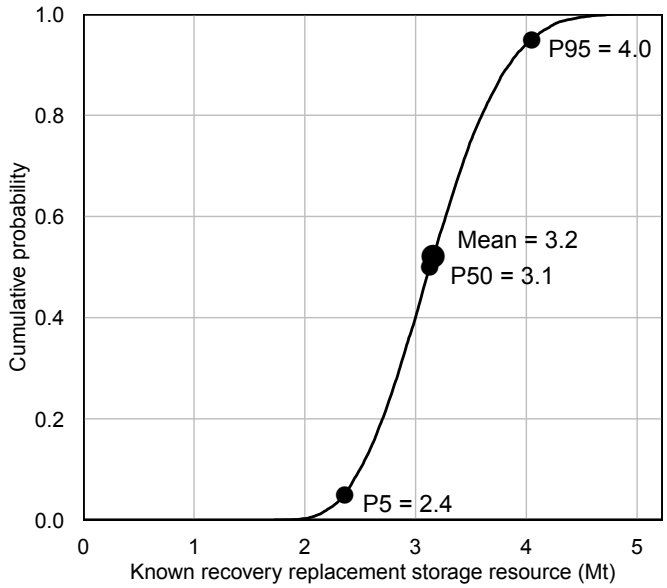
Wyoming−Idaho−Utah Thrust Belt C50360104

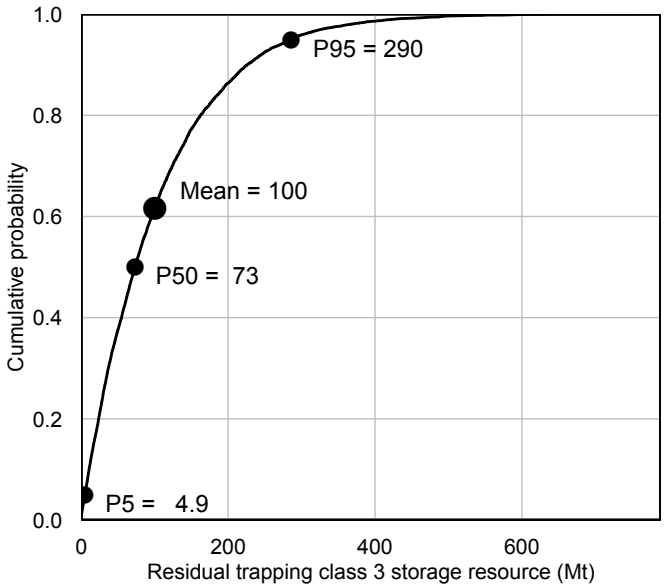




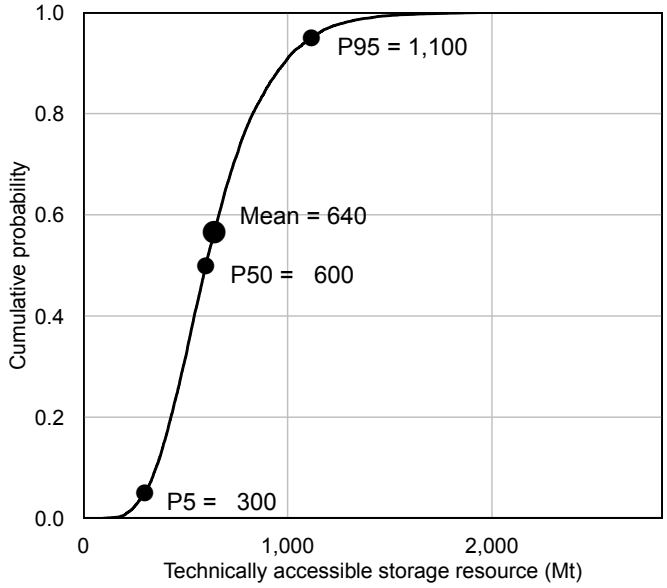


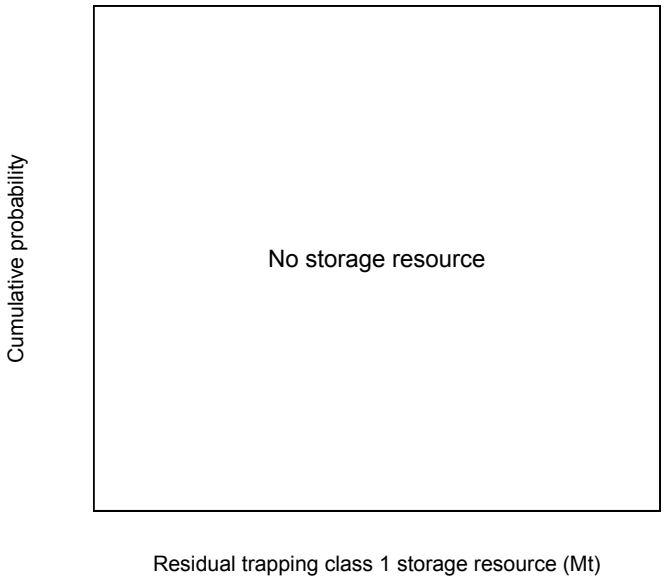


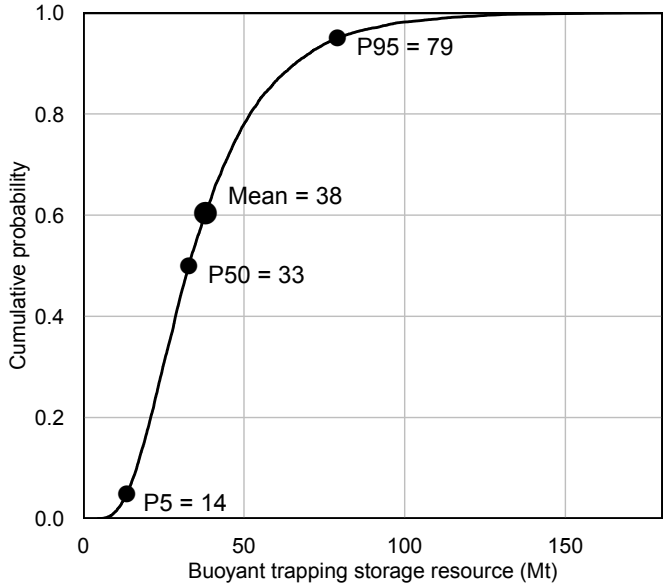


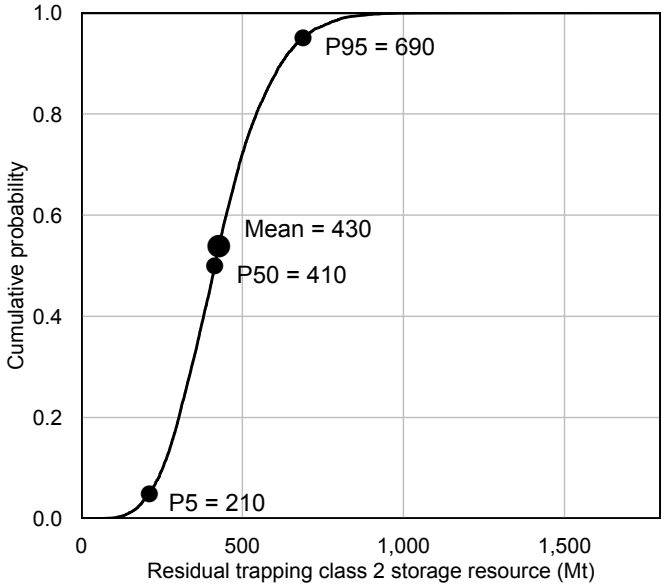


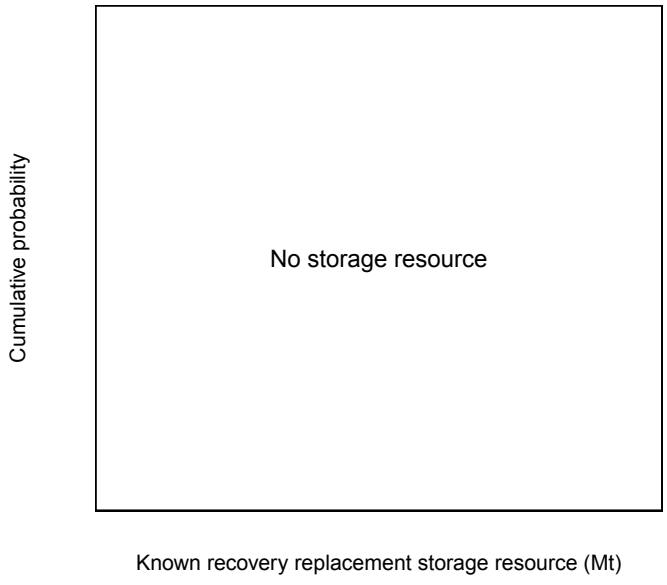
Wyoming−Idaho−Utah Thrust Belt C50360105

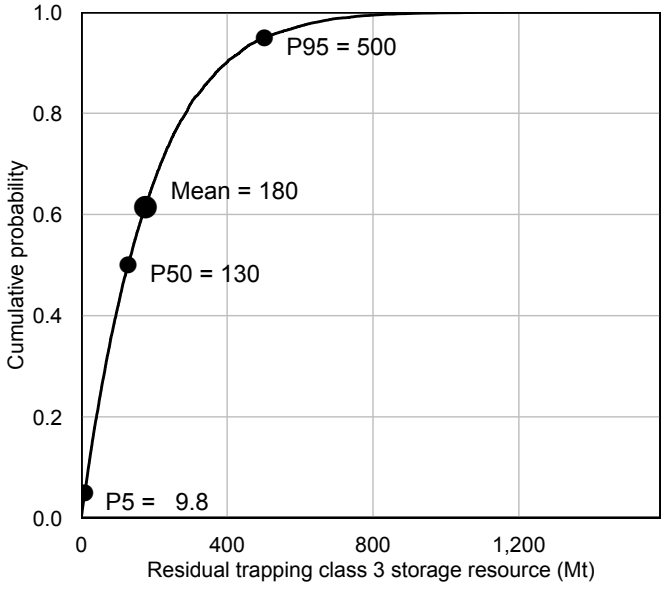




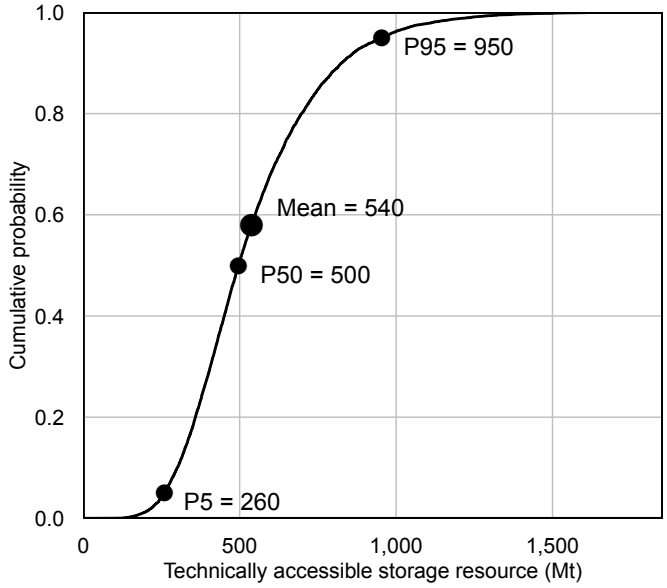


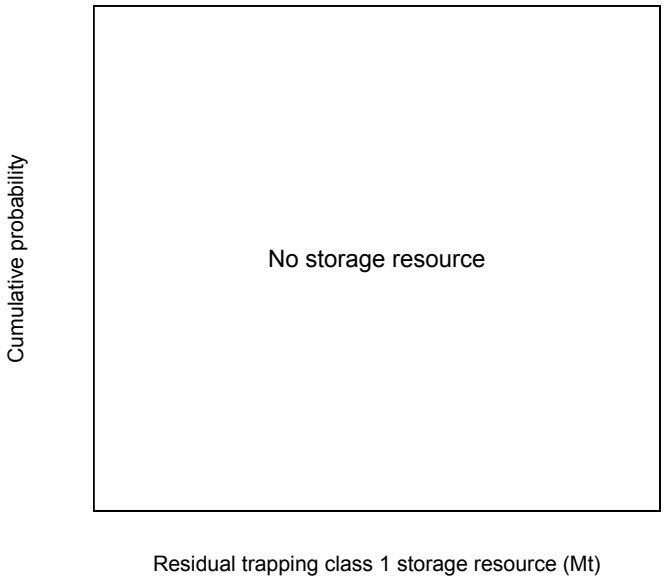


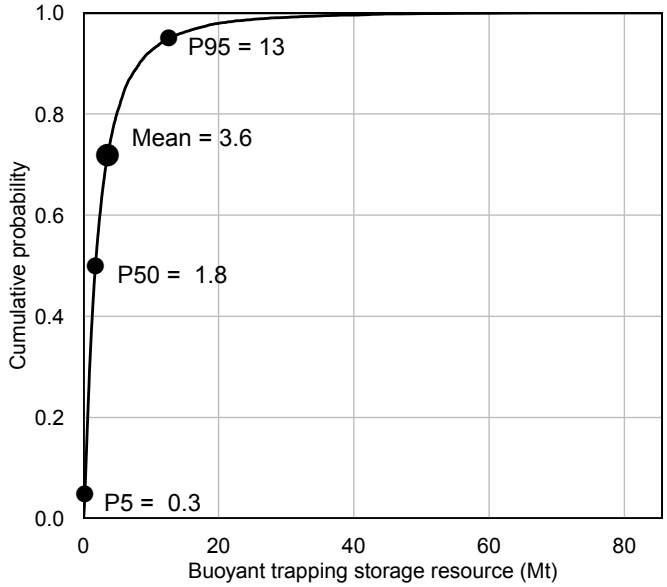


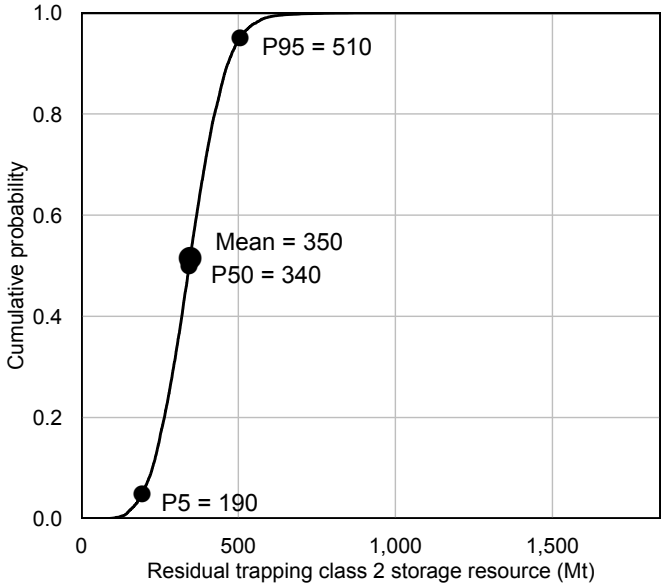


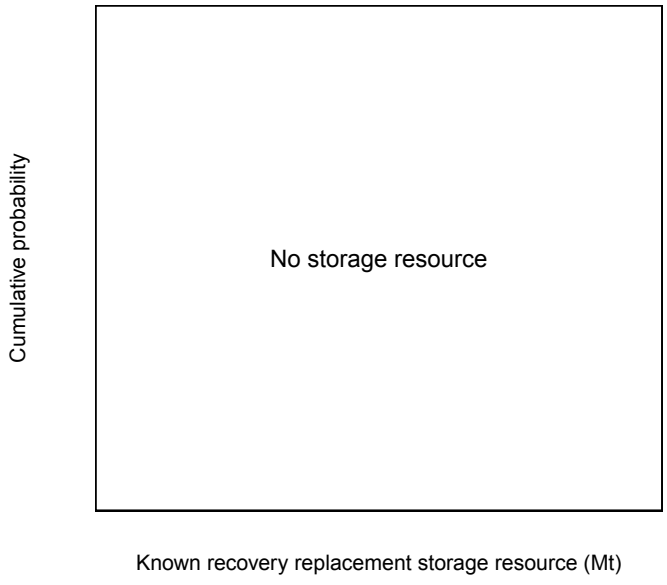
Wyoming−Idaho−Utah Thrust Belt C50360106

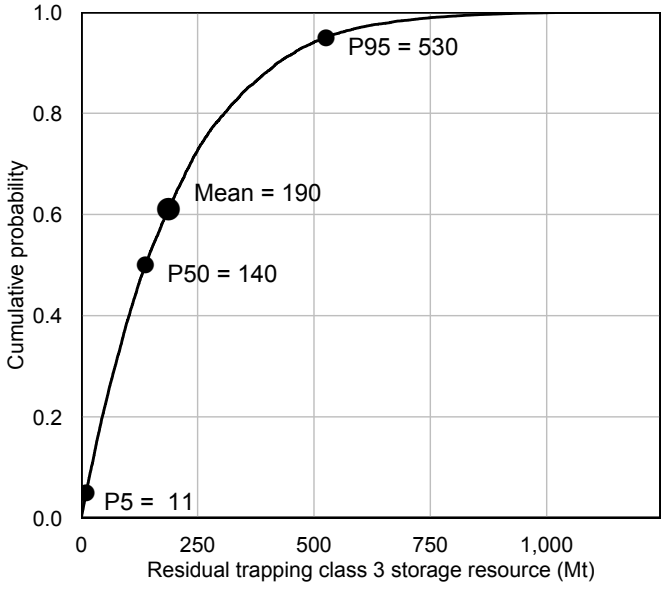




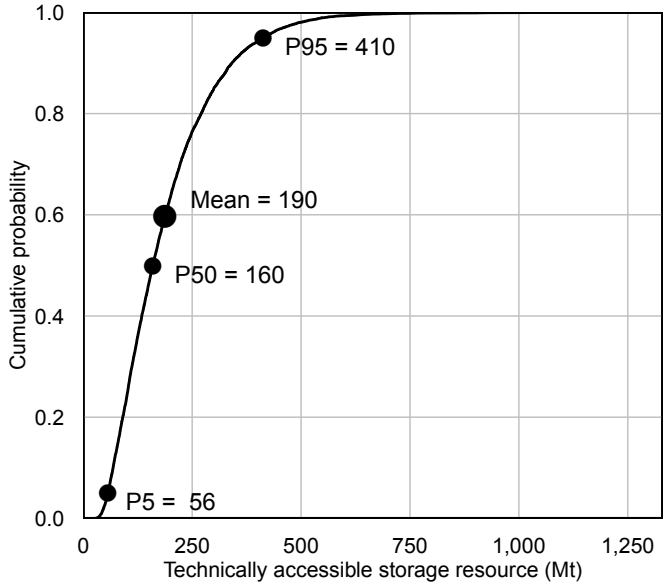


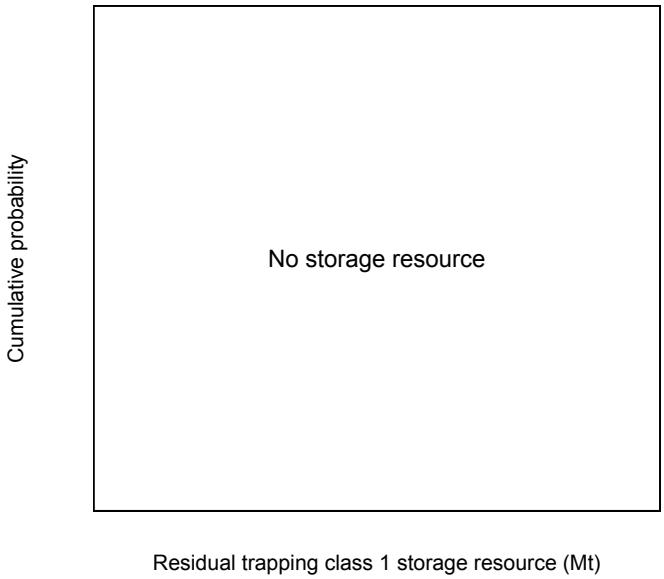


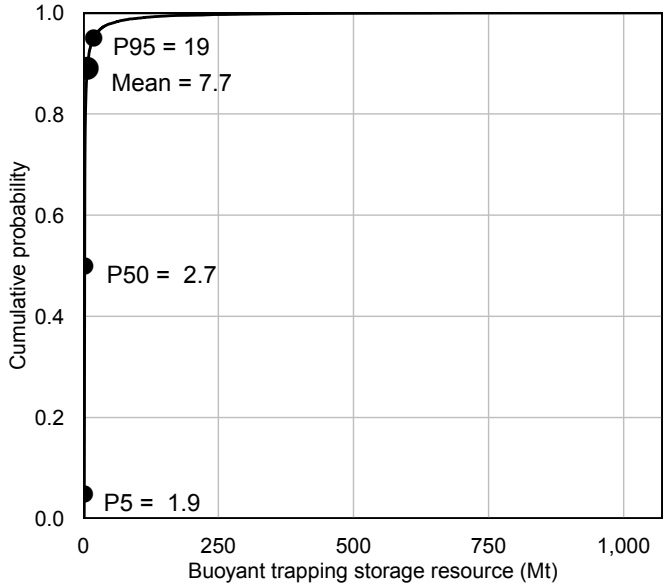


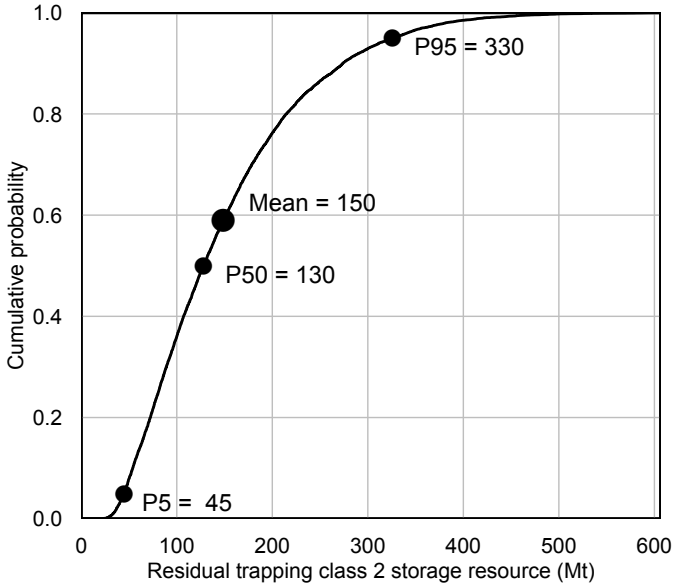


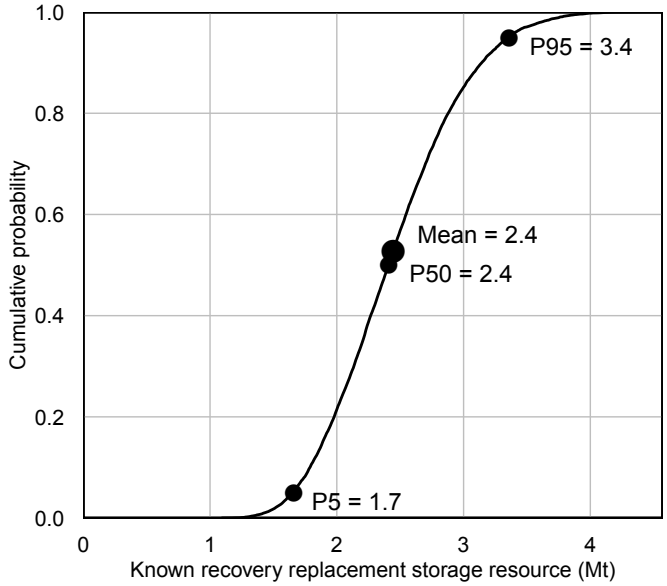
Wyoming−Idaho−Utah Thrust Belt C50360107

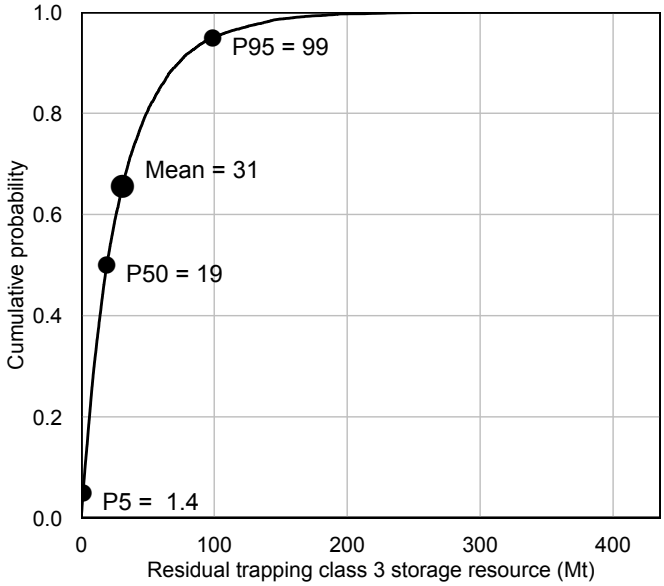












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