# Monthly Reporting

# Report from 01 July 2023 to 31 July 2023 Report for Resource Pool Archer2 on archer2

A total of 4,350,912 CUs were available during this period.

#### **Use and Allocations (by Project)**

In the following table, Charged refers to usage which was charged against the project Allocation; whereas Used refers to usage including uncharged time. Uncharged time can arise from use of the Low Priority queue and/or during times when charging is disabled on the service.

The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend profile of the total Allocation. If the usage for a project is not linear across the full Allocation period the the Use can be larger than the extrapolated Allocation.

Project	Project Class	Number of Jobs	Charged CUs	Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e572	Leadership Awards	152	164.5		164.5		1,811.1	0.04%
e645	Leadership Awards	1,190	2,839.8		2,839.9			
e684	Leadership Awards	53	238.9		240.6			
e786	Leadership Awards	0	0.0		0.0		8,070.0	
e787	Leadership Awards	0	0.0		0.0		400.9	
e683	Pioneer Projects	870	3,775.4					
e685	Pioneer Projects	240	4,281.8		13,349.2			
e686	Pioneer Projects	2,723	19,203.5		43,943.1	1.01%		
e687	Pioneer Projects	0	0.0					
e688	Pioneer Projects	508	24,736.0		•		29,068.2	
e689	Pioneer Projects	7	0.9		0.9		20,183.2	
e690	Pioneer Projects	319	34,329.8		60,261.3		21,938.3	
e691	Pioneer Projects	85	7,460.2				22,366.5	
e692	Pioneer Projects	0	0.0		0.0			
e744	Pioneer Projects	97	241.5		242.6			
e808	Pioneer Projects	38	198.9		1,161.3		7,069.2	
e809	Pioneer Projects	0	0.0					
e810	Pioneer Projects	19	18,646.4		18,646.6			
e812	Pioneer Projects	0	0.0		0.0		5,362.1	
e813	Pioneer Projects	45	197.2					
e814	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	2,819.9	0.06%

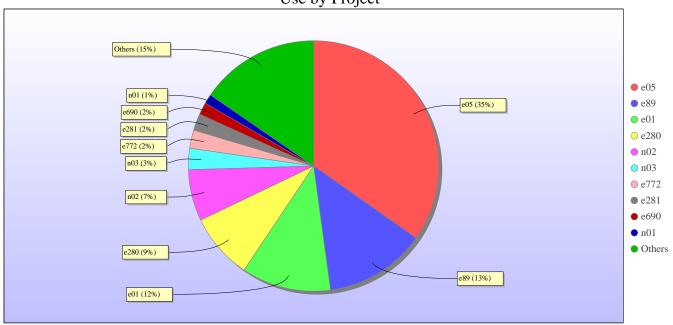
B815	Allocation
C01         Class1a         1,059         12,667.3         0.29%         12,887.9         0.30%         24,589.           e348         Class1a         2,553         4,808.2         0.11%         4,817.3         0.11%         12,256.           e575         Class1a         45         48.6         0.00%         48.6         0.00%         2,318.           e607         Class1a         2,129         12,014.6         0.28%         29,363.1         0.67%         8,517.           e609         Class1a         2,129         1,862.1         0.04%         4,350.3         0.10%         16,550.           e647         Class1a         217         2,421.5         0.06%         2,828.3         0.07%         33,400.           e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         866.           e657         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         221         834.7         0.02%         835.2         0.02%         388.	0.17%
e348         Class1a         2,553         4,808.2         0.11%         4,817.3         0.11%         12,256.           e575         Class1a         45         48.6         0.00%         48.6         0.00%         2,318.           e607         Class1a         2,129         12,014.6         0.28%         29,363.1         0.67%         8,517.           e609         Class1a         1,129         1,862.1         0.04%         4,350.3         0.10%         16,550.           e647         Class1a         217         2,421.5         0.06%         2,828.3         0.07%         33,400.           e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.	0.57%
e575         Class1a         45         48.6         0.00%         48.6         0.00%         2,318.           e607         Class1a         2,129         12,014.6         0.28%         29,363.1         0.67%         8,517.           e609         Class1a         1,129         1,862.1         0.04%         4,350.3         0.10%         16,550.           e647         Class1a         217         2,421.5         0.06%         2,828.3         0.07%         33,400.           e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e696         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e697         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.	
Befor   Class1a   2,129   12,014.6   0.28%   29,363.1   0.67%   8,517.	
e609         Class1a         1,129         1,862.1         0.04%         4,350.3         0.10%         16,550.           e647         Class1a         217         2,421.5         0.06%         2,828.3         0.07%         33,400.           e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         40.0         0.00%         2,413.           e705 <td></td>	
e647         Class1a         217         2,421.5         0.06%         2,828.3         0.07%         33,400.           e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         0         0.0         0.00%         0.0         0.00%         2,459.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         226         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         48.0         0.00%         2,987.           e707         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         <	
e649         Class1a         0         0.0         0.00%         0.0         0.00%         840.           e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         0         0.0         0.00%         0.0         0.00%         2,459.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         48.0         0.00%         2,413.           e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class	
e664         Class1a         0         0.0         0.00%         0.0         0.00%         696.           e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         0         0.0         0.00%         0.0         0.00%         2,459.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         0.0         0.00%         2,413.           e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Clas	
e667         Class1a         2         267.6         0.01%         267.6         0.01%         1,786.           e694         Class1a         0         0.0         0.00%         0.0         0.00%         2,459.           e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         0.0         0.00%         1,705.           e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         0         0.0         0.00%         0.0         0.00%         1,0106.           e720         C	
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e696         Class1a         221         834.7         0.02%         835.2         0.02%         388.           e697         Class1a         206         5,600.2         0.13%         22,679.3         0.52%         7,617.           e700         Class1a         1         48.0         0.00%         48.0         0.00%         2,413.           e701         Class1a         0         0.0         0.00%         0.0         0.00%         1,705.           e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721 <td></td>	
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e701         Class1a         0         0.0         0.00%         0.0         0.00%         1,705.           e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752	0.06%
e705         Class1a         36         414.6         0.01%         414.6         0.01%         2,987.           e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761	
e707         Class1a         17         21.1         0.00%         21.1         0.00%         9,556.           e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761	
e708         Class1a         0         0.0         0.00%         0.0         0.00%         1,738.           e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763	
e710         Class1a         573         639.4         0.01%         663.0         0.02%         3,366.           e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e712         Class1a         0         0.0         0.00%         0.0         0.00%         10,106.           e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e720         Class1a         759         24,654.0         0.57%         24,869.2         0.57%         22,565.           e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e721         Class1a         0         0.0         0.00%         0.0         0.00%         2,389.           e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e728         Class1a         39         363.7         0.01%         363.7         0.01%         2,057.           e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e751         Class1a         296         9,724.8         0.22%         9,724.8         0.22%         4,384.           e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e752         Class1a         0         0.0         0.00%         0.0         0.00%         3,041.           e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e758         Class1a         0         0.0         0.00%         0.0         0.00%         3,872.           e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	1
e761         Class1a         64         0.0         0.00%         22,431.3         0.52%         1,275.           e763         Class1a         0         0.0         0.00%         0.0         0.00%         146.	
e763 Class1a 0 0.0 0.00% 0.0 0.00% 146.	
0764   Cloco1cl 7 74.7 0.000/ 74.7 0.000/ 47.606	
e764 Class1a 7 74.7 0.00% 74.7 0.00% 17,068.	
e769 Class1a 621 2,516.8 0.06% 2,516.8 0.06% 28,966.	
e770 Class1a 0 0.0 0.00% 0.0 0.00% 850.	
e793 Class1a 0 0.0 0.00% 0.0 0.00% 12.	
e6337 Class1a 0 0.0 0.00% 0.0 0.00% 1,394.	
ec110 Class1a 0 0.0 0.00% 0.0 0.00% 869.	
e01 Consortia 3,187 303,278.9 6.97% 442,984.6 10.18% 299,852.	
e05         Consortia         51,189         1,148,076.3         26.39%         1,334,801.2         30.68%         676,430.	
e89 Consortia 87,196 399,500.0 9.18% 501,950.7 11.54% 374,273.	
e280 Consortia 4,151 99,958.3 2.30% 326,748.6 7.51% 182,819.	
e281 Consortia 3,382 81,569.4 1.87% 83,080.9 1.91% 99,050.	
e283 Consortia 4,155 40,238.3 0.92% 41,550.9 0.95% 43,876.	
e585 Consortia 27 0.0 0.00% 5,047.3 0.12% 0.	
e772 Consortia 1,600 89,711.4 2.06% 90,532.9 2.08% 50,773.	
e773 Consortia 444 14,081.9 0.32% 14,081.9 0.32% 10,024.	
e766 Pump Priming 52 955.1 0.02% 1,286.7 0.03% 400.	
e771 Pump Priming 0 0.0 0.00% 0.0 0.00% 91.	
e784 Pump Priming 0 0.0 0.00% 0.0 0.00% 575.	
e785 Pump Priming 60 25.4 0.00% 25.4 0.00% 537.	
e788 Pump Priming 0 0.0 0.00% 0.0 0.00% 518.	
e789 Pump Priming 18 4,218.1 0.10% 4,735.1 0.11% 11,400.	0.26%
e790 Pump Priming 45 307.6 0.01% 307.6 0.01% 574.	0.01%
e791 Pump Priming 0 0.0 0.00% 0.0 0.00% 543.	
e792 Pump Priming 100 1,127.6 0.03% 1,127.6 0.03% 543.	
e794 Pump Priming 0 0.0 0.00% 0.0 0.00% 677.	
e811 Pump Priming 0 0.0 0.00% 0.0 0.00% 151.	
ta113 Training 0 0.0 0.00% 0.0 0.00% 293.	
e507 Access to HPC 72 24,836.5 0.57% 27,330.8 0.63% 4,009.	
e673 Access to HPC 0 0.0 0.00% 0.0 0.00% 2,925.	
e703 Access to HPC 26 383.1 0.01% 383.1 0.01% 3,117.	<u> </u>
e727 Access to HPC 0 0.0 0.00% 0.0 0.00% 3,986.	
e734 Access to HPC 46 8,819.2 0.20% 8,819.2 0.20% 7,312.	
e742 Access to HPC 219 856.6 0.02% 856.6 0.02% 1,828.	
e743 Access to HPC 912 11,341.9 0.26% 11,341.9 0.26% 11,586.	

Project	Project	Number	Charged	Charged	Used CUs	Utilisation	Allocated	Allocation
1 10,000	Class	of Jobs	CUs	Utilisation		• inioation	CUs	7 till Coution
e745	Access to HPC	7	0.0		1,041.8	0.02%	72.8	0.00%
	Access to HPC	22	14,282.6		14,282.6		51,458.6	
e748	Access to HPC	292	17,224.4	0.40%	18,507.9		21,733.2	0.50%
e755	Access to HPC	18	6,253.9	0.14%	6,253.9	0.14%	6,458.6	0.15%
e774	Access to HPC	253	38,810.0	0.89%	38,840.5	0.89%	8,448.7	0.19%
	Access to HPC	241	1,434.6		1,434.6		13,599.0	0.31%
	Access to HPC	205	13,202.5		13,202.5		5,031.6	
	Access to HPC	19	1,128.1	0.03%	2,136.9		6,119.5	
	Access to HPC	15	143.3	0.00%	143.3		7,234.7	0.17%
	Access to HPC Access to HPC	12 22	535.9 1,937.2	0.01% 0.04%	535.9 1,937.4	0.01%	679.9 5,439.6	0.02%
	Access to HPC	658	3,638.1	0.04%	4,939.2	0.04% 0.11%	1,359.6	0.13% 0.03%
	Access to HPC	030	0.0	0.00%	0.0	0.00%	795.5	0.02%
	Access to HPC	132	495.2	0.01%	495.2	0.01%	5,021.1	0.12%
	Access to HPC	58	51.4	0.00%	53.0	0.00%	6,536.3	0.15%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	6,737.6	
	Access to HPC	502	9,633.0	0.22%	9,633.0		6,791.5	0.16%
e798	Access to HPC	16	2.2	0.00%	2.2		5,053.2	0.12%
e799	Access to HPC	0	0.0	0.00%	0.0	0.00%	842.2	0.02%
	Access to HPC	33	1,979.7	0.05%	1,979.7	0.05%	5,053.2	0.12%
	Access to HPC	123	14,906.8	0.34%	14,978.6		14,031.1	0.32%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	4,129.5	0.09%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	2,263.8	0.05%
	Access to HPC	126	201.2		201.2		11,117.0	0.26%
EPSRC Total	Consortia	176,164	2,555,709.1	58.74%	3,349,489.0	76.98%	2,455,212.4	56.43% 2.37%
n01		3,884 56,448	46,332.1 248,589.7	1.06% 5.71%	47,100.9 254,942.5	1.08% 5.86%	103,163.9 429,510.9	
n03		5,907	103,598.9	2.38%	105,133.3		71,994.5	
n09		442	836.3	0.02%	836.3		541.6	
NERC Total		66,681	399,357.1	9.18%	408,013.0	9.38%	605,211.0	13.91%
b19	Class1a	0	0.0	0.00%	0.0	0.00%	2,325.9	0.05%
BBSRC Total		0	0.0	0.00%	0.0	0.00%	2,325.9	
e756	Leadership	342	133.2	0.00%	133.2	0.00%	9,078.0	0.21%
	Awards							
e760		44	797.3	0.02%	797.7	0.02%	432.6	0.01%
e723	Awards	CAE	7,000.0	0.100/	11.077.6	0.25%	38,549.2	0.000/
e723 e738		645 136	7,866.8 193.4	0.18% 0.00%	11,077.6 193.4	0.25%	38,549.2 15,051.6	0.89% 0.35%
UKRI Total	Classia	1,167	8,990.7	0.00%	12,201.8	0.00%	63,111.4	1.45%
ecseab03	eCSE	0	0.0	0.00%	0.0	0.00%	48.2	0.00%
ecseac14		0	0.0	0.00%	0.0	0.00%	65.3	0.00%
ecsead08			302.9		2,096.4		81.5	
ecseae03	eCSE	17	1,105.5	0.03%	1,304.6	0.03%	62.5	0.00%
ecseaf01	eCSE	71	88.6	0.00%	88.6	0.00%	83.1	0.00%
ecseaf02		0	0.0		0.0		52.7	0.00%
ecseaf03		46	51.0		52.5		50.7	0.00%
ecseaf04		0	0.0	0.00%	0.0	0.00%	65.1	0.00%
ecseaf06		0	0.0	0.00%	0.0	0.00%	100.8	
ecseag02			24.6		24.6		87.1	0.00%
ecseag03 ecseag06		0 43	0.0 1.6	0.00% 0.00%	0.0 1.7	0.00% 0.00%	62.9 43.1	0.00% 0.00%
ecseag08		43	0.0	0.00%	0.0	0.00%	58.4	0.00%
ecseag09		34	7.0		11.1	0.00%	62.7	0.00%
ecseah03		0	0.0	0.00%	0.0	0.00%	120.5	0.00%
ecseah05		0	0.0	0.00%	0.0	0.00%	54.4	0.00%
ecseah06	eCSE	0	0.0		0.0		109.6	
ecseah10	eCSE	0	0.0	0.00%	0.0	0.00%	107.6	0.00%
ecseah11	eCSE	0	0.0	0.00%	0.0	0.00%	73.2	0.00%
ecseah12		17	316.0	0.01%	316.0		95.9	
ecseai03		0	0.0	0.00%	0.0	0.00%	49.2	0.00%
ecseai04		1	0.0	0.00%	0.0	0.00%	63.7	0.00%
ecseai05			0.0		0.0		76.4	
ecseai09	eCSE	0	0.0	0.00%	0.0	0.00%	64.4	0.00%

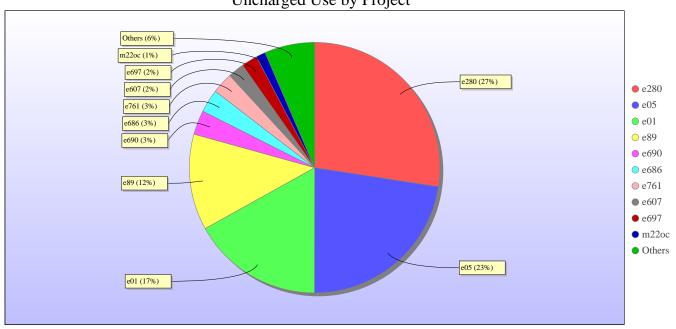
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
ecseai10	eCSE	0	0.0	0.00%	0.0		95.9	0.00%
ecseai12	eCSE	0	0.0	0.00%	0.0		36.1	0.00%
ecseaj02	eCSE	0	0.0	0.00%	0.0		24.9	0.00%
eCSE Total		286	1,897.1	0.04%	3,895.5		1,895.8	0.04%
d35	Research	299	653.7	0.02%	653.7	0.02%	424.7	0.01%
d011	Research	83	24.2	0.00%	24.2		175.6	
d114	Research	0	0.0	0.00%	0.0		5,226.3	0.12%
d137	Research	11	137.0	0.00%	137.0		1,686.1	0.04%
d170	Research	0	0.0	0.00%	0.0		51.4	
d175	Research	0	0.0	0.00%	0.0		1,693.6	0.04%
d183	Research	70	11.9	0.00%	11.9		8.5	
d193	Research	98	543.3	0.01%	543.3		339.7	0.01%
d435	Research	293	538.8		539.1	0.01%	424.7	0.01%
d436	Research	102	386.0	0.01%	386.0		339.7	0.01%
dc129	Research	123	38.1	0.00%	38.1		3,426.2	0.08%
i246	Research	165	0.0	0.00%	575.7		0.0	0.00%
d105	Industrial	0	0.0	0.00%	0.0		3,426.2	0.08%
d433	Industrial	0	0.0	0.00%	0.0		85.7	0.00%
d434	Industrial	0	0.0	0.00%	0.0		15.7	0.00%
i01	Industrial	14	1,477.8	0.03%	1,489.8		714.1	0.02%
i21	Industrial	26	0.7	0.00%	0.7	0.00%	17,131.0	0.39%
i24	Industrial	0	0.0	0.00%	0.0		34.3	0.00%
i25	Industrial	0	0.0	0.00%	0.0		85.7	0.00%
i26	Industrial	81	67.9	0.00%	67.9		428.3	0.01%
i219 i238	Industrial Industrial	0	0.0	0.00%	0.0		33.9 513.9	0.00%
i239		391	975.4	0.00% 0.02%	975.4		1,209.9	0.01% 0.03%
	Industrial							0.03%
i241 i242	Industrial Industrial	0 38	0.0 321.7	0.00% 0.01%	0.0 321.7	0.00% 0.01%	2,348.0 682.8	
i242	Industrial	0	0.0	0.01%	0.0	0.01%	241.6	0.02%
i243	Industrial	119	44.1	0.00%	44.1	0.00%	1,952.1	0.01%
i244	Industrial	28	3,923.7	0.00%	3,949.7		1,932.1	0.04%
m22oc	Training	1,373	493.6		10,493.7	0.09%	392.4	0.04%
m22ol	Training	1,373	0.0		0.0		392.4	0.01%
m23ss	Training	507	38.1	0.00%	38.1	0.00%	262.5	0.01%
m22ext	Training	0	0.0	0.00%	0.0		157.0	0.00%
mdisspt	Training	0	0.0	0.00%	0.0		148.7	0.00%
m22exts1	Training	0	0.0	0.00%	0.0		78.5	0.00%
ta067	Training	0	0.0	0.00%	0.0		19.1	0.00%
ta068	Training	0	0.0	0.00%	0.0		19.1	0.00%
ta069	Training	0	0.0	0.00%	0.0		19.1	0.00%
ta070	Training	4	56.2		56.2		609.8	
ta084	Training	0	0.0		0.0		763.8	
ta085	Training	0	0.0	0.00%	0.0		38.3	0.00%
ta086	Training	0	0.0		0.0		19.1	0.00%
ta087	Training	0	0.0	0.00%	0.0		19.1	0.00%
ta093	Training	134	1,743.4	0.04%	8,536.0		748.8	
ta094	Training	181	103.1	0.00%	240.6		2,551.7	0.06%
ta095	Training	0	0.0	0.00%	0.0		63.8	
ta096	Training	0	0.0	0.00%	0.0	0.00%	63.8	0.00%
ta097	Training	0	0.0	0.00%	0.0	0.00%	63.8	0.00%
ta109	Training	222	3,531.7	0.08%	3,531.7		507.2	
ta110	Training	0	0.0	0.00%	0.0	0.00%	19.0	0.00%
ta111	Training	0	0.0	0.00%	0.0		19.0	0.00%
ta112	Training	0	0.0	0.00%	0.0		19.0	0.00%
ta114	Training	71	19.5		19.5		96.9	0.00%
ta115	Training	0	0.0	0.00%	0.0	0.00%	98.7	0.00%
ta116	Training	35	0.5		0.6		446.3	0.01%
d191	Service	0	0.0		0.0		4.2	0.00%
d194	Service	0	0.0	0.00%	0.0		144.8	
y01	Service	9	0.1	0.00%	0.0		74.8	
y02	Service	43	4.4	0.00%	85.3		4,246.6	
y07	Service	0	0.0	0.00%	0.0	0.00%	82.9	0.00%

Project	Project	Number	Charged	Charged	Used CUs	Utilisation	Allocated	Allocation
	Class	of Jobs	CUs	Utilisation			CUs	
y23	Service	85	5.8	0.00%	5.8	0.00%	84.9	0.00%
z01	Service	0	0.0	0.00%	0.0	0.00%	8.3	0.00%
z02	Service	6	0.3	0.00%	0.2	0.00%	8.5	0.00%
z19	Service	13,272	33,364.8	0.77%	32,400.7	0.74%	84,699.5	1.95%
z40	Service	0	0.0	0.00%	0.0	0.00%	168.4	0.00%
z99	Service	0	0.0	0.00%	0.0	0.00%	0.8	0.00%
DirectorsTime Total		17,883	48,505.9	1.11%	65,167.0	1.50%	141,467.8	3.25%
i239	Industrial	3	139.4	0.00%	139.4	0.00%	0.0	0.00%
e745	Access to HPC	1	0.0	0.00%	261.5	0.01%	0.0	0.00%
Total		4	139.4	0.00%	400.9	0.01%	0.0	0.00%
Total		262,185	3,014,599.4	69.29%	3,839,167.2	88.24%	3,269,224.3	75.14%

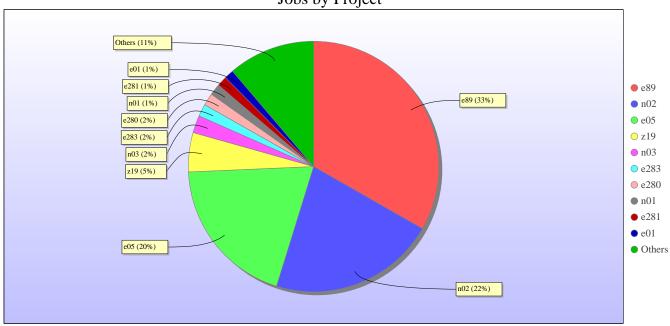
Use by Project



Uncharged Use by Project



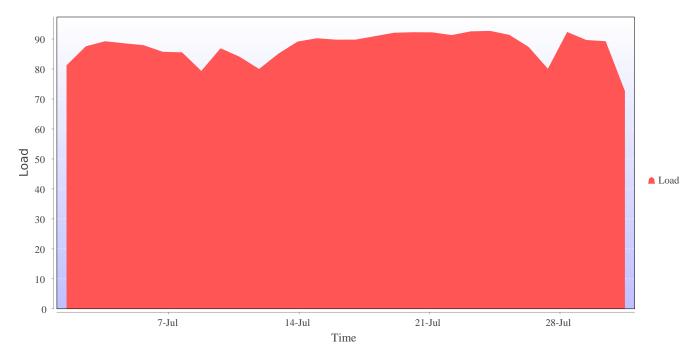
Jobs by Project



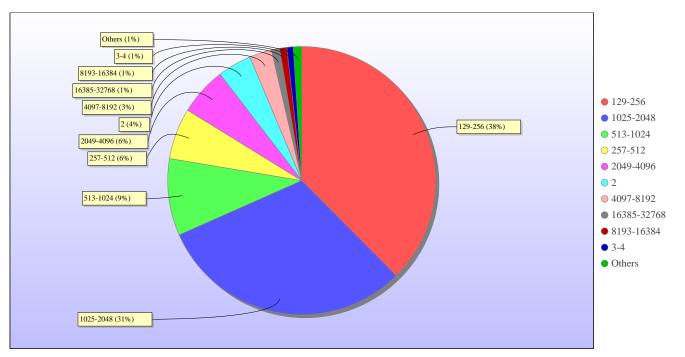
## CUs (by Size)

Size	CUs	Number of Jobs
1	0	1
2	0.255	10,751
3-4	0	1,995
5-8	0	444
9-16	0	26
17-32	0	266
129-256	163,790.055	98,478
257-512	134,857.649	16,151
513-1024	365,828.152	
1025-2048	470,356.304	80,750
2049-4096		
4097-8192	499,500.311	7,051
8193-16384	312,678.324	2,267
16385-32768	272,237.261	2,610
32769-65536	105,514.399	1,624
65537-131072	69,611.26	181
131073-262144	57,754.172	115
262145-524288	0	2
524289-1048576	566.613	1

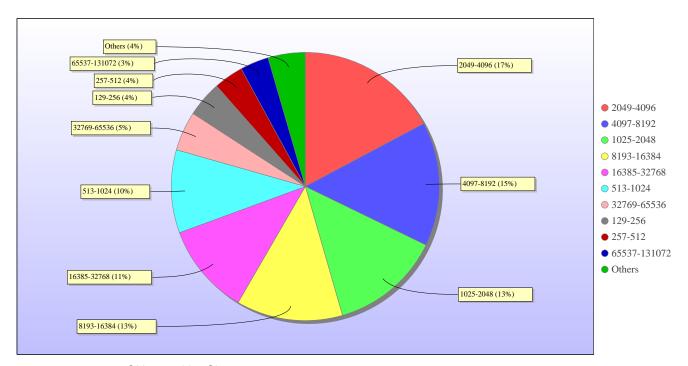
## **Load plots**



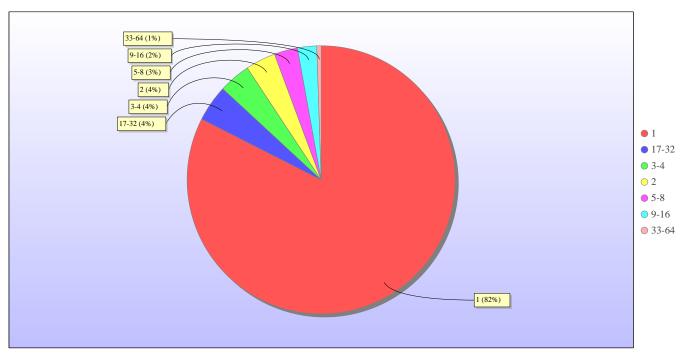
Percentage load on machine



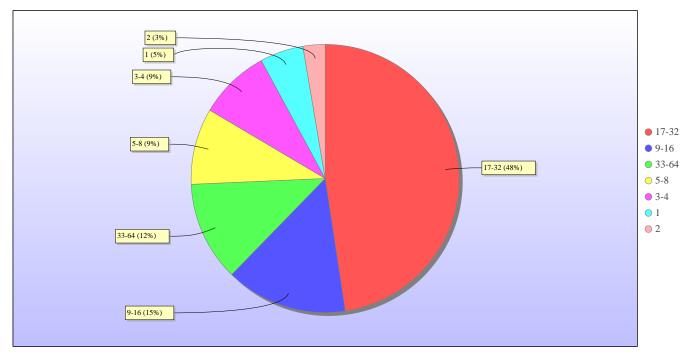
Jobs by Size



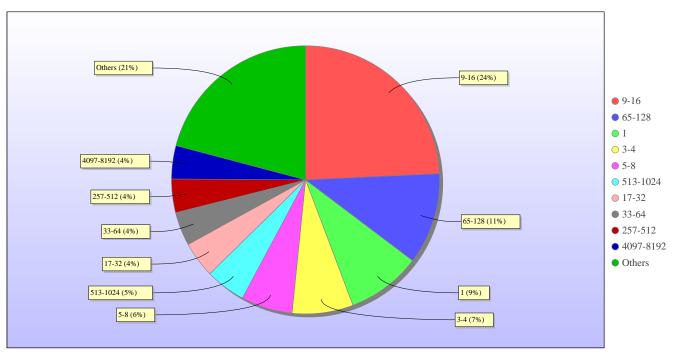
CUs used by Size



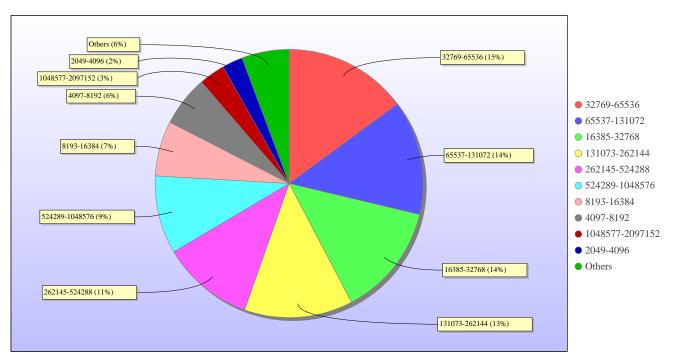
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

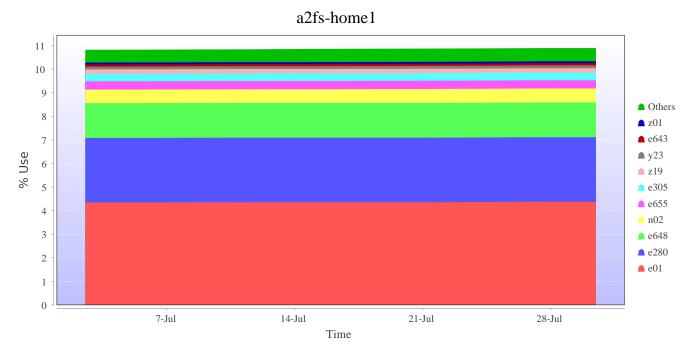


CUs used grouped by core-hours

#### Disk usage

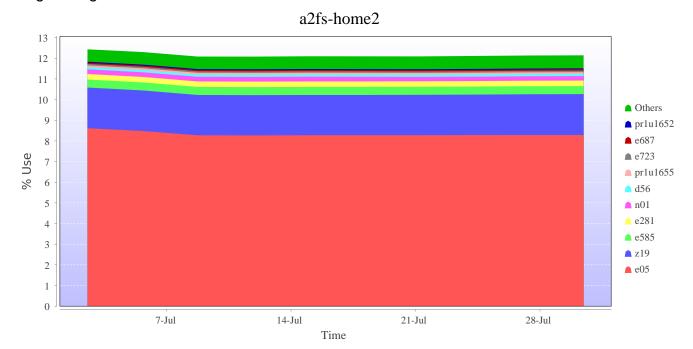
#### Disk usage for home (a2fs-home1)

This is a plot of Disk Use on a2fs-home1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



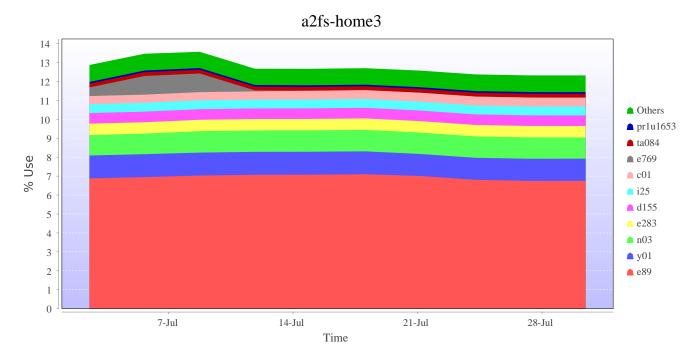
### Disk usage for home (a2fs-home2)

This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



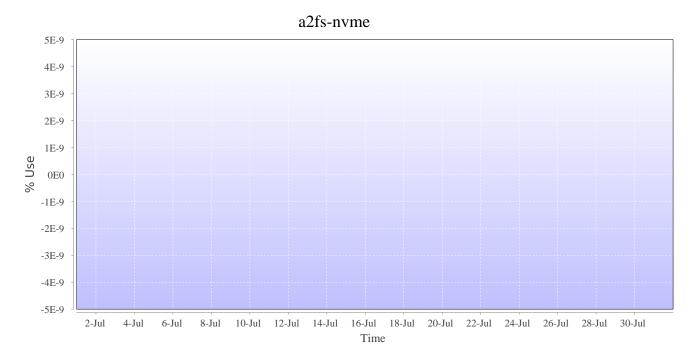
#### Disk usage for home (a2fs-home3)

This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



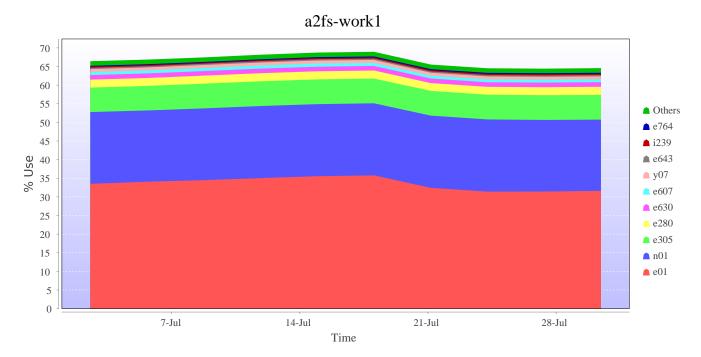
#### Disk usage for work-nVME (a2fs-nvme)

This is a plot of Disk Use on a2fs-nvme against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



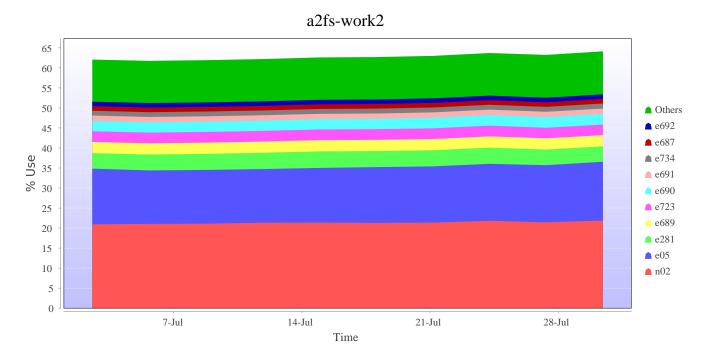
#### Disk usage for work (a2fs-work1)

This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



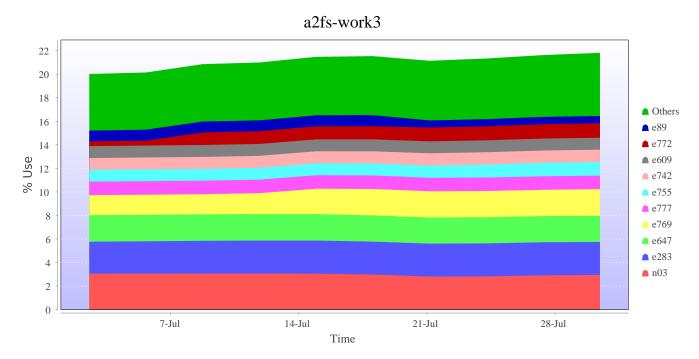
#### Disk usage for work (a2fs-work2)

This is a plot of Disk Use on a2fs-work2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



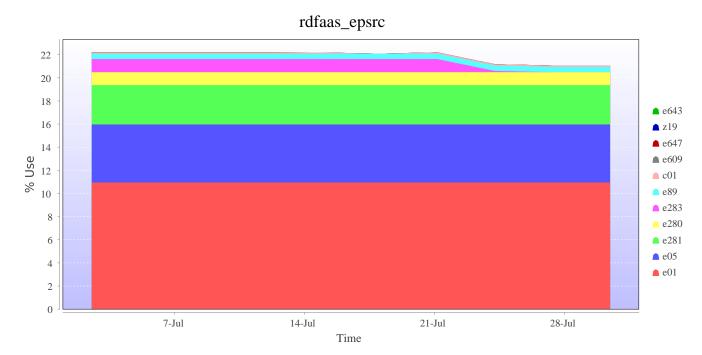
#### Disk usage for work (a2fs-work3)

This is a plot of Disk Use on a2fs-work3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



#### Disk usage for epsrc ( rdfaas\_epsrc )

This is a plot of Disk Use on rdfaas\_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



## Disk usage for general ( rdfaas\_general )

This is a plot of Disk Use on rdfaas\_general against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.

