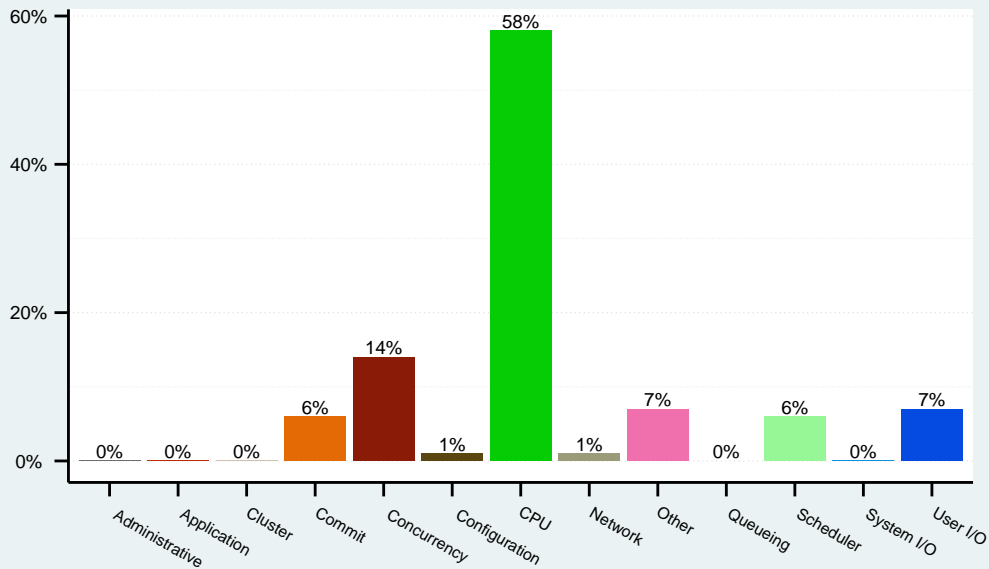


name	nodes	platform	version	sockets	cores	threads	mem	days	days shown	AWR.Minor.Capture	AWR.Minor.Graph	Capture.Sec
USDA	2	Solaris[tm]_OE_(64-bit)	11.2.0.4.0	2	16	128	16	26.5	26.5	3.0.21	4.0.12	41.27

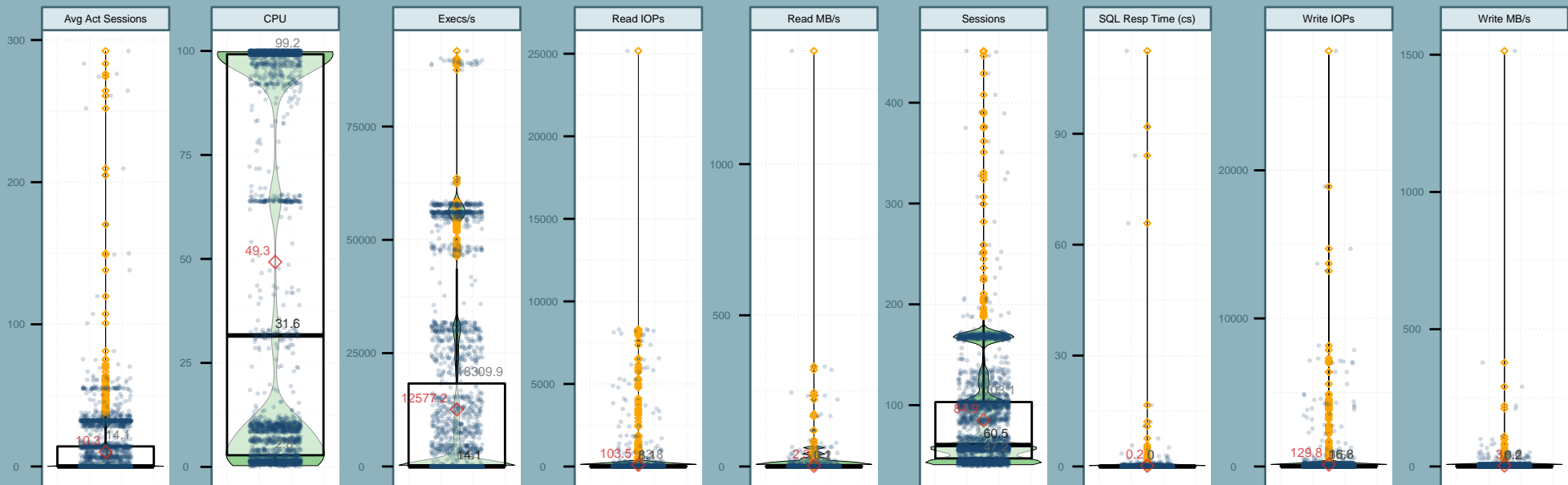
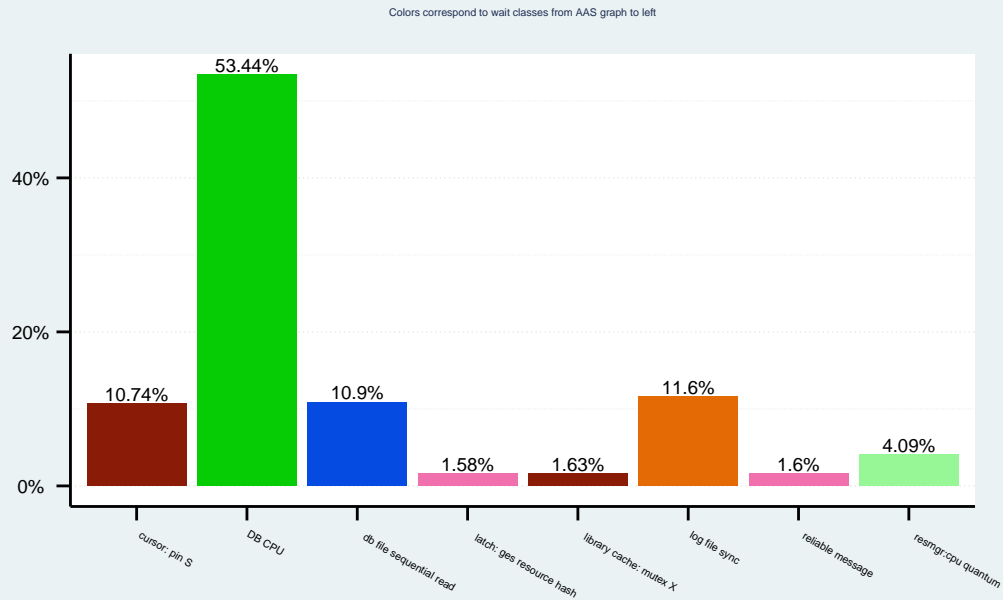
cpu	r_iops	w_iops	r_mb_s	w_mb_s	logons_total	logons/core	exec_s	commits_s	aas	sga	pga	memused	sizegb
100	7957.2	16787.1	256.7	152.1	451.3	28	91673.1	5982	292.3	38	25	44	582

HOSTS usda-z1,usda-z2

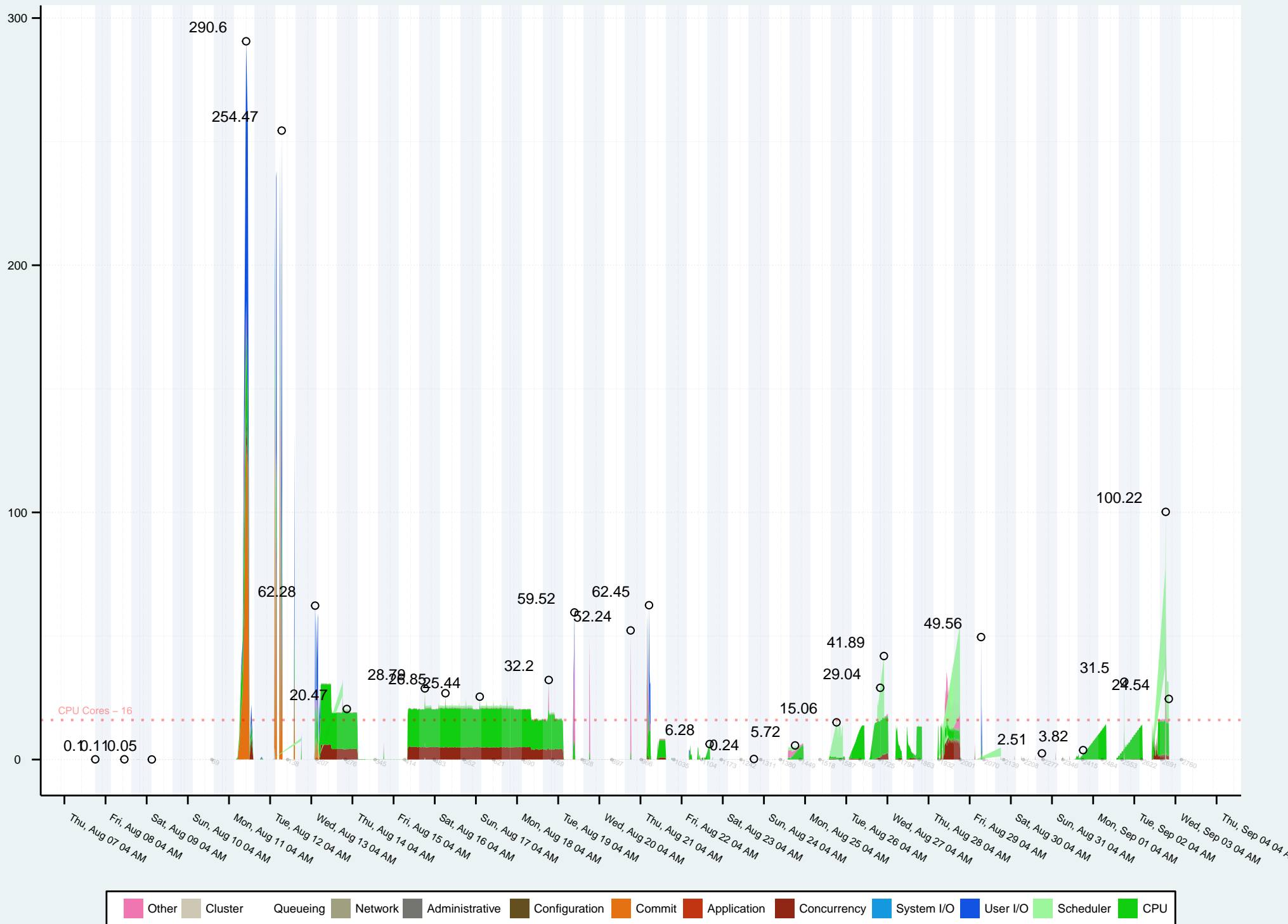
AAS % by Wait Class - All Snapshots



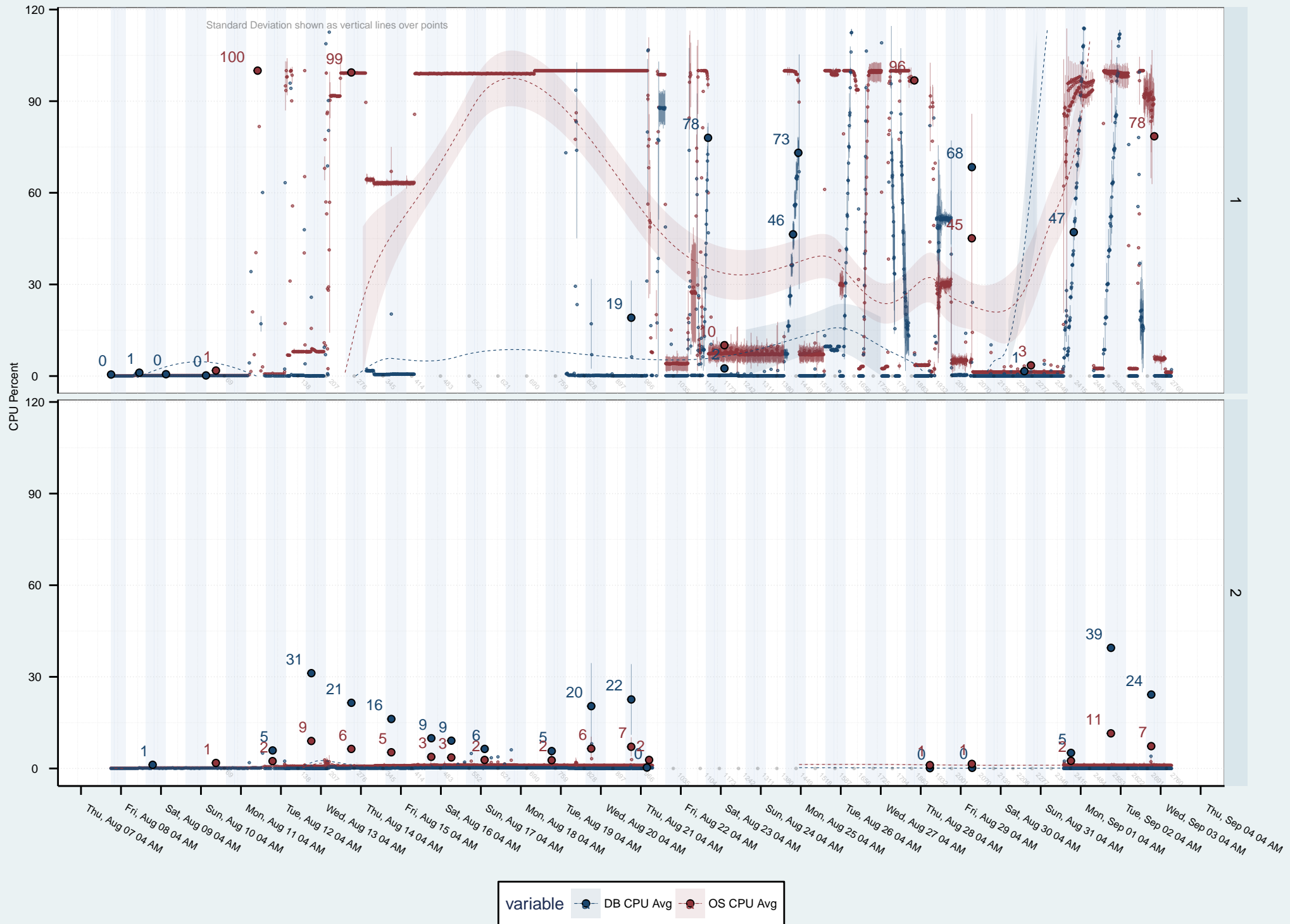
Top N Timed Events Aggregated over Snapshot Range



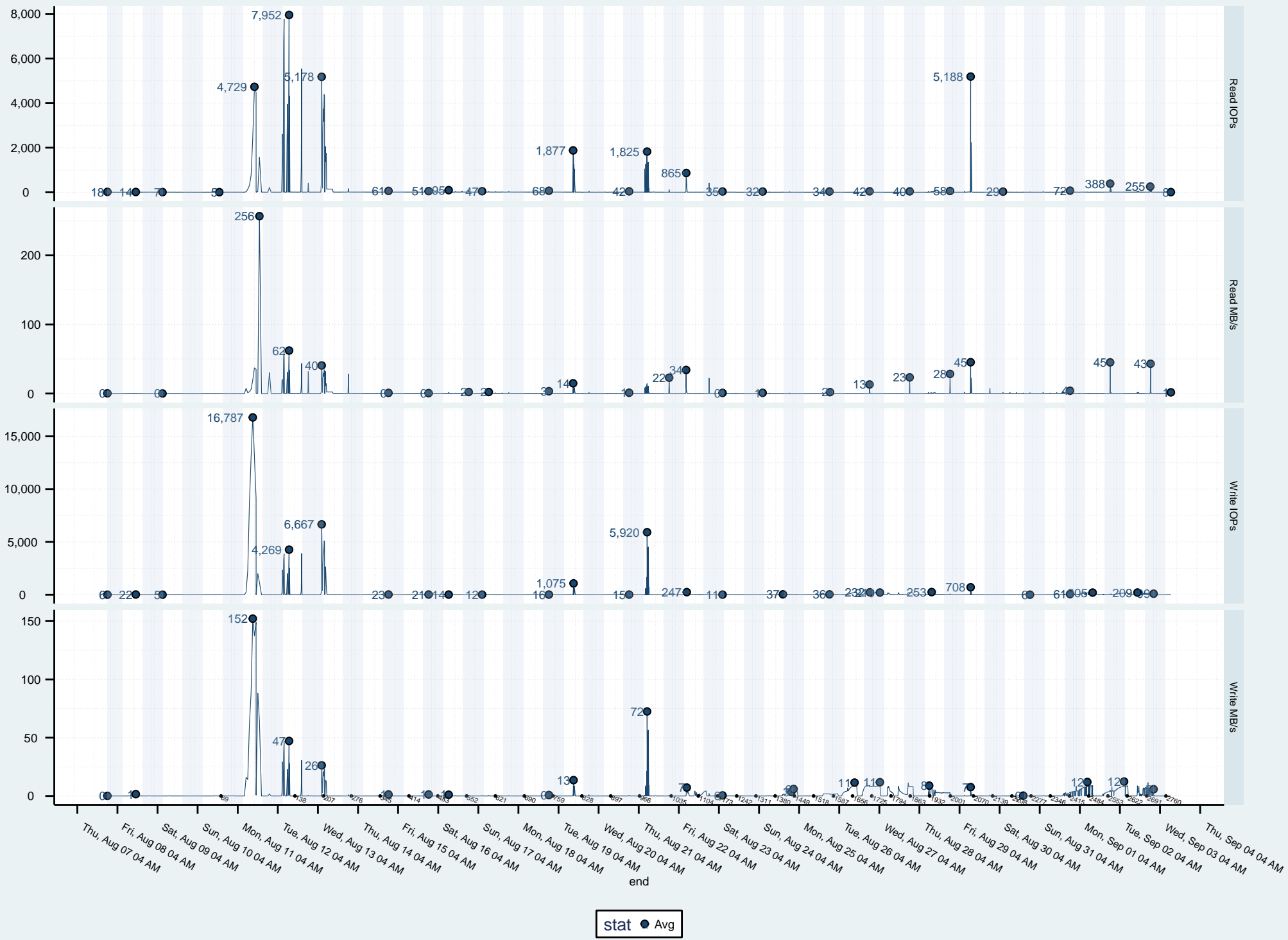
# Average Active Sessions (AAS) for USDA



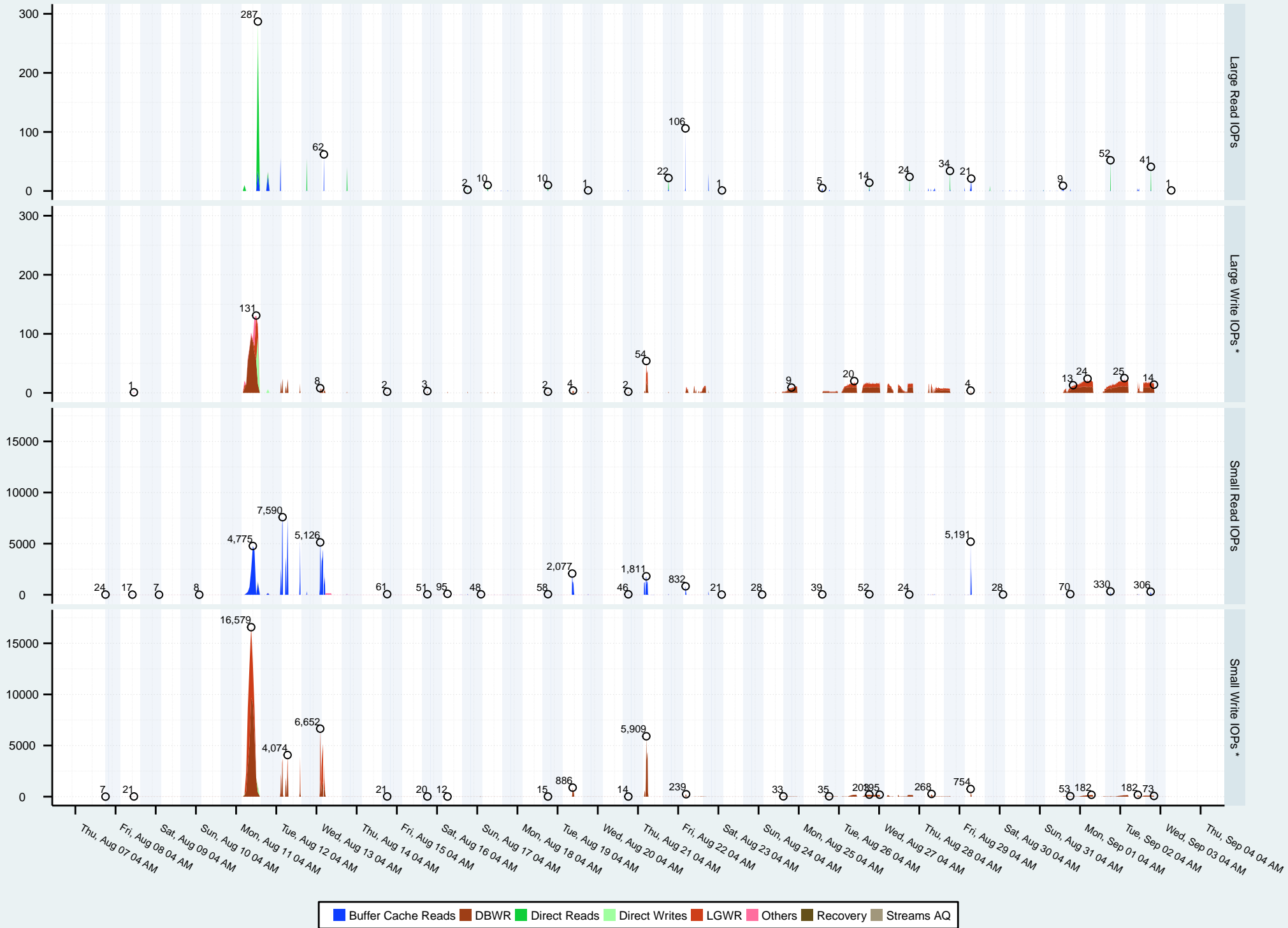
OS CPU % and Database CPU % for USDA



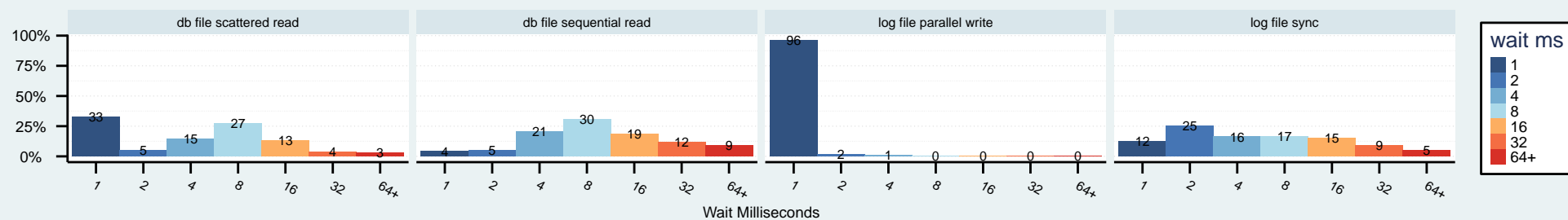
IO Avg and Max by IO Type for USDA



# IO Requests by Size by Function – USDA



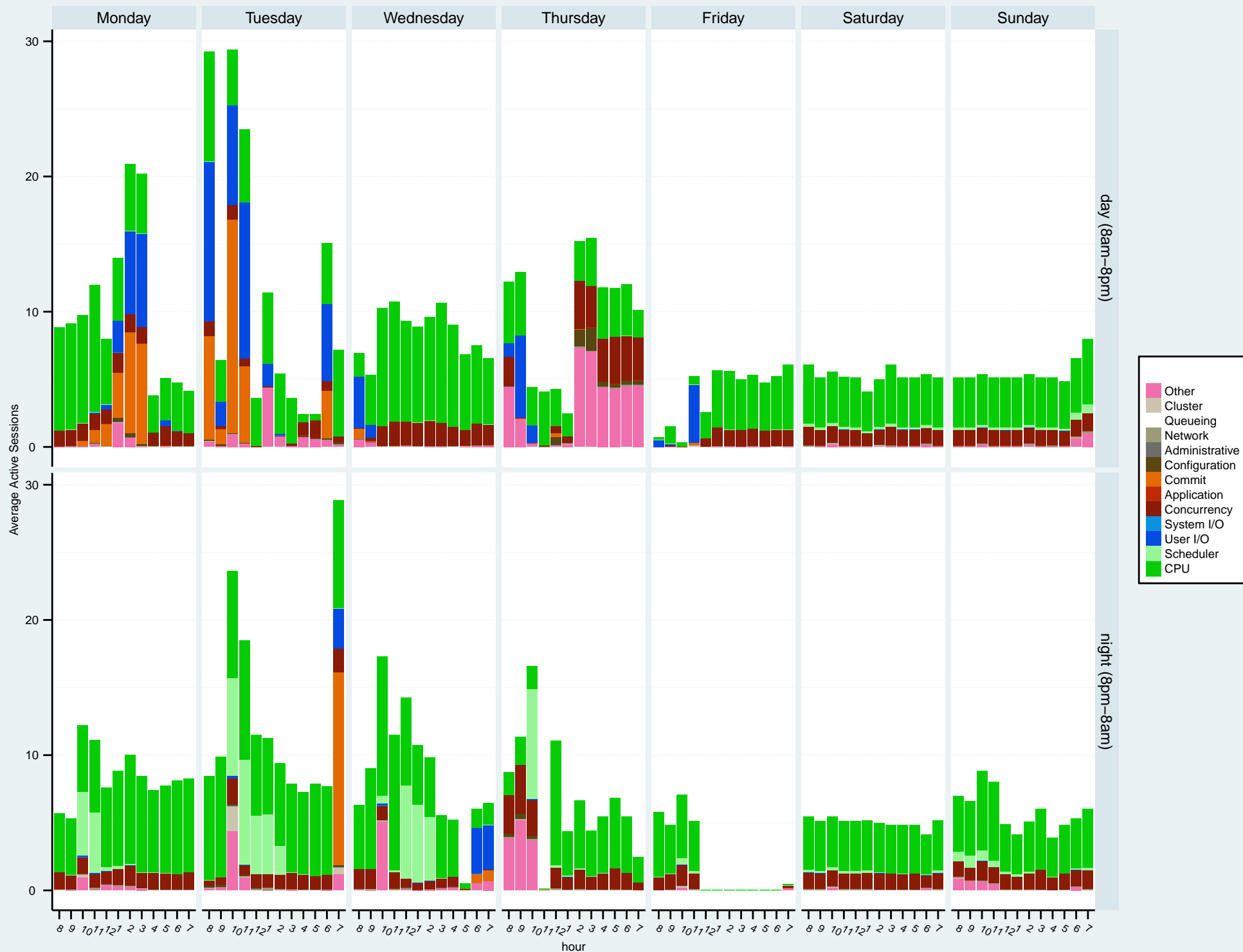
# I/O Wait Event Histogram



## I/O Wait Event Area Chart



Average Active Sessions Summarized by Day and Hour for USDA

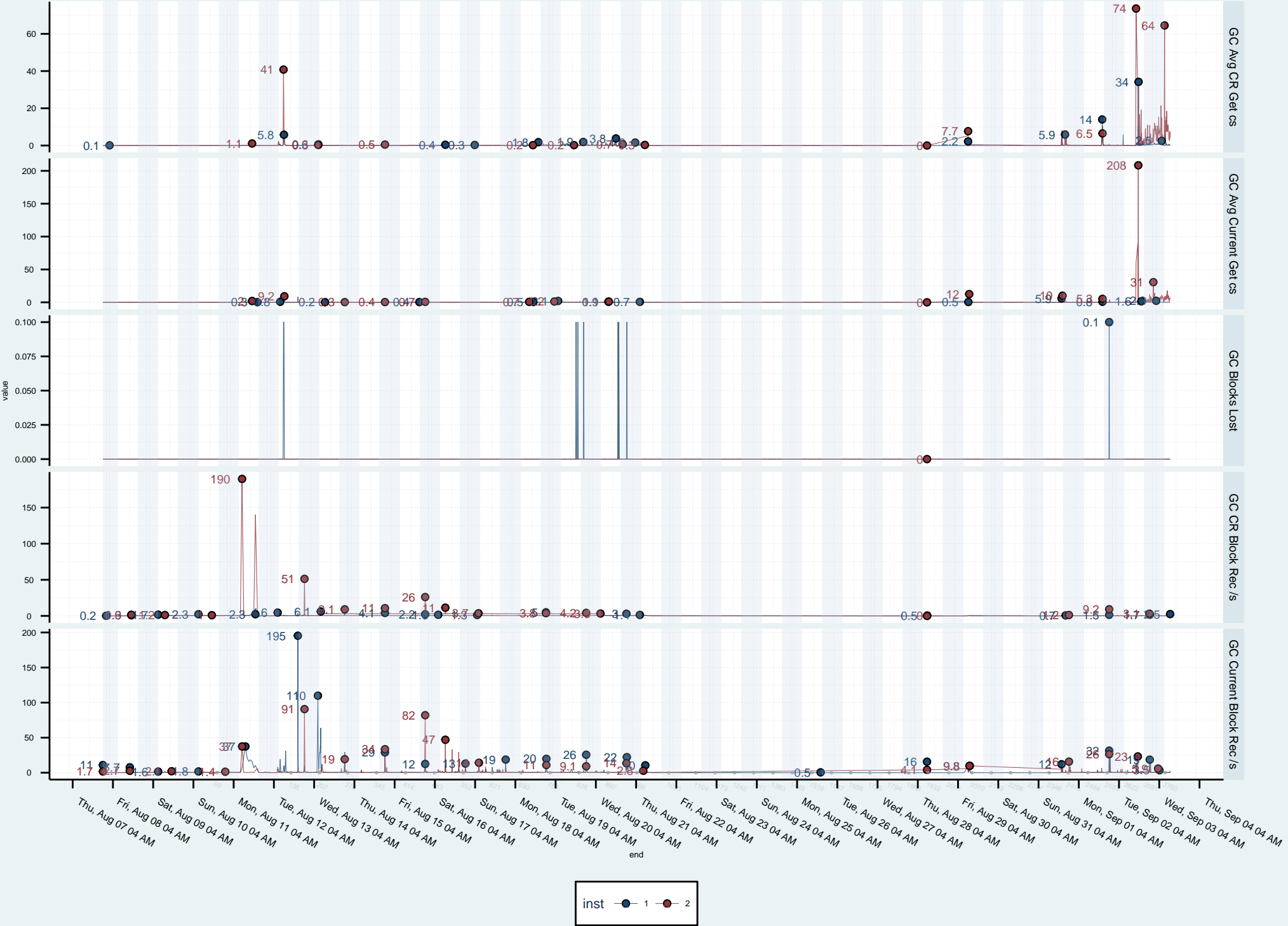


Main Activity Variables for USDA

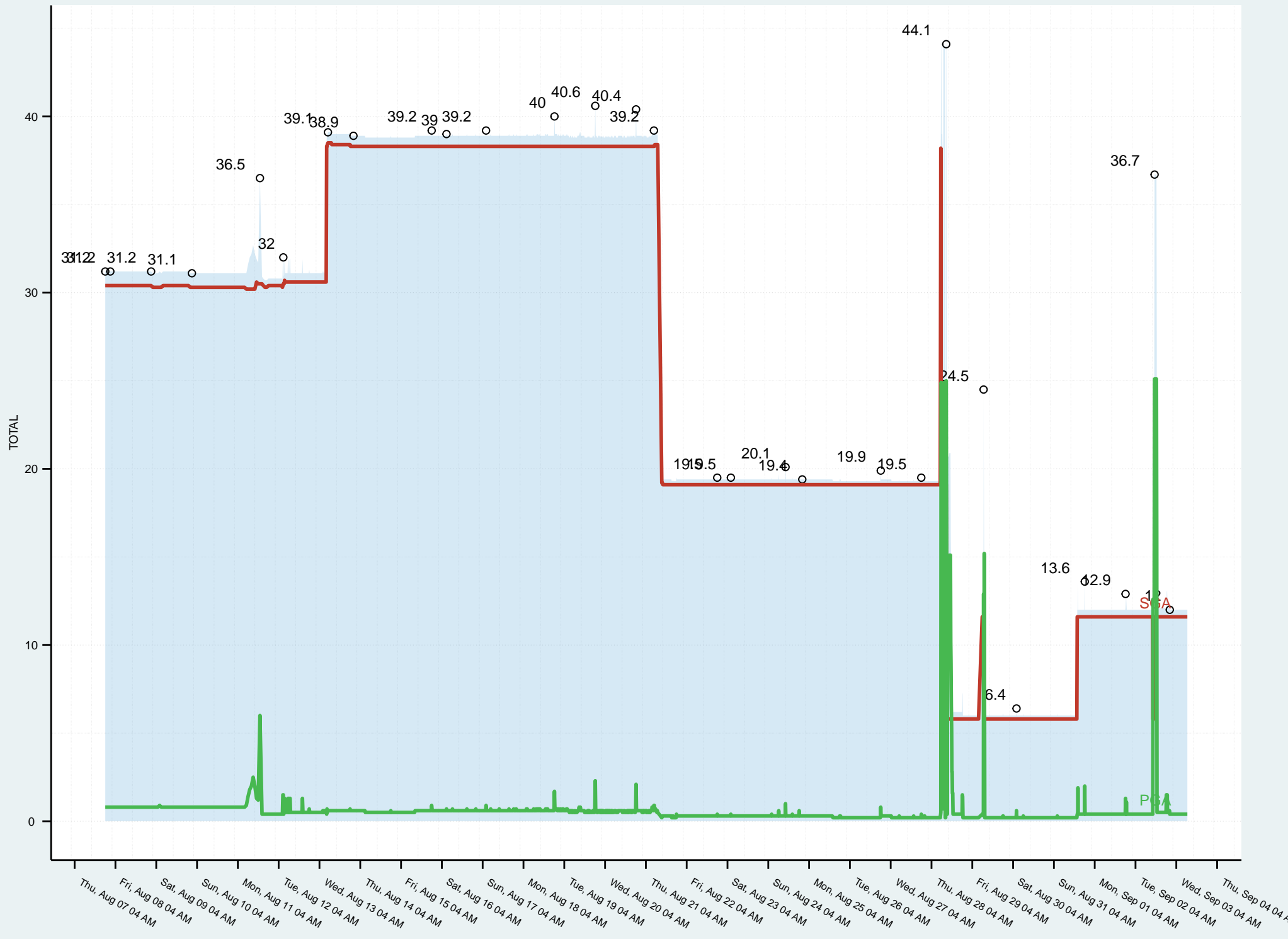




Global Cache Attributes for USDA



### Total Memory Usage in GB for USDA



PARAMETER_NAME	VALUE	PARAMETER_NAME	VALUE	PARAMETER_NAME	VALUE
O7_DICTIONARY_ACCESSIBILITY	FALSE	global_txn_processes	1	recovery_parallelism	0
aq_tm_processes	1	hash_area_size	131072	recyclebin	on
archive_lag_target	0	hi_shared_memory_address	0	remote_dependencies_mode	TIMESTAMP
asm_power_limit	1	hs_autoregister	TRUE	remote_login_passwordfile	EXCLUSIVE
audit_file_dest	/u01/app/oracle/product/1	instance_name	usdal	remote_os_authent	FALSE
audit_sys_operations	FALSE	instance_number	1	remote_os_roles	FALSE
audit_trail	DB	instance_type	RDBMS	replication_dependency_tracking	TRUE
awr_snapshot_time_offset	0	instant_restore	FALSE	resource_limit	FALSE
background_core_dump	partial	java_jit_enabled	TRUE	resource_manager_cpu_allocation	16
background_dump_dest	/u01/app/oracle/product/1	java_max_sessionspace_size	0	result_cache_max_result	5
backup_tape_io_slaves	FALSE	java_pool_size	0	result_cache_max_size	32243712
bitmap_merge_area_size	1048576	java_restrict	none	result_cache_mode	MANUAL
blank_trimming	FALSE	java_soft_sessionspace_limit	0	result_cache_remote_expiration	0
cell_offload_compaction	ADAPTIVE	job_queue_processes	1000	resumable_timeout	0
cell_offload_decryption	TRUE	large_pool_size	0	sec_case_sensitive_logon	TRUE
cell_offload_plan_display	AUTO	ldap_directory_access	NONE	sec_max_failed_login_attempts	10
cell_offload_processing	TRUE	ldap_directory_sysauth	no	sec_protocol_error_further_action	CONTINUE
client_result_cache_lag	3000	license_max_sessions	0	sec_protocol_error_trace_action	TRACE
client_result_cache_size	0	license_max_users	0	sec_return_server_release_banner	FALSE
clonedb	FALSE	license_sessions_warning	0	serial_reuse	disable
cluster_database	TRUE	lock_sga	FALSE	session_cached_cursors	50
cluster_database_instances	2	log_buffer	4268032	session_max_open_files	10
commit_logging	BATCH	log_checkpoint_interval	0	sessions	1560
commit_point_strength	1	log_checkpoint_timeout	1800	sga_max_size	6442450944
commit_wait	NOWAIT	log_checkpoints_to_alert	FALSE	sga_target	6442450944
compatible	11.2.0.4.0	max_dump_file_size	unlimited	shadow_core_dump	partial
control_file_record_keep_time	7	max_enabled_roles	150	shared_memory_address	0
control_files	+DATA/usda/controlfile/cu	memory_max_target	0	shared_pool_reserved_size	53687091
control_management_pack_access	DIAGNOSTIC+TUNING	memory_target	0	shared_pool_size	0
core_dump_dest	/u01/app/oracle/product/1	nls_comp	BINARY	shared_servers	1
cpu_count	64	nls_language	AMERICAN	skip_unusable_indexes	TRUE
create_bitmap_area_size	8388608	nls_length_semantics	BYTE	sort_area_retained_size	0
cursor_bind_capture_destination	memory+disk	nls_nchar_conv_excp	FALSE	sort_area_size	65536
cursor_sharing	EXACT	nls_territory	AMERICA	sprofile	+DATA/usda/spfileusda.ora
cursor_space_for_time	FALSE	object_cache_max_size_percent	10	sql92_security	FALSE
db_16k_cache_size	0	object_cache_optimal_size	102400	sql_trace	FALSE
db_2k_cache_size	0	olap_page_pool_size	0	sqltune_category	DEFAULT
db_32k_cache_size	0	open_cursors	300	standby_archive_dest	?/dbs/arch
db_4k_cache_size	0	open_links	4	standby_file_management	MANUAL
db_8k_cache_size	0	open_links_per_instance	4	star_transformation_enabled	FALSE
db_block_buffers	0	optimizer_capture_sql_plan_baselines	FALSE	statistics_level	TYPICAL
db_block_checking	FALSE	optimizer_dynamic_sampling	2	streams_pool_size	0
db_block_checksum	TYPICAL	optimizer_features_enable	11.2.0.4	tape_asynch_io	TRUE
db_block_size	8192	optimizer_index_caching	0	thread	1
db_cache_advice	ON	optimizer_index_cost_adj	100	timed_os_statistics	0
db_cache_size	0	optimizer_mode	ALL_ROWS	timed_statistics	TRUE
db_file_multiblock_read_count	128	optimizer_secure_view_merging	TRUE	trace_enabled	TRUE
db_files	200	optimizer_use_invisible_indexes	FALSE	transactions	1716
db_flash_cache_size	0	optimizer_use_pending_statistics	FALSE	transactions_per_rollback_segment	5
db_flashback_retention_target	1440	optimizer_use_sql_plan_baselines	TRUE	undo_management	AUTO
db_keep_cache_size	0	os_authent_prefix	ops\$	undo_retention	900
db_lost_write_protect	NONE	os_roles	FALSE	undo_tablespace	UNDOTBS1
db_name	usda	parallel_adaptive_multi_user	TRUE	use_indirect_data_buffers	FALSE
db_recovery_file_dest	+DATA	parallel_automatic_tuning	FALSE	use_large_pages	TRUE
db_recovery_file_dest_size	4621074432	parallel_degree_limit	CPU	workarea_size_policy	AUTO
db_recycle_cache_size	0	parallel_degree_policy	MANUAL	xml_db_events	enable
db_securefile	PERMITTED	parallel_execution_message_size	16384		
db_ultra_safe	OFF	parallel_force_local	FALSE		
db_unique_name	usda	parallel_io_cap_enabled	FALSE		
db_unrecoverable_scn_tracking	TRUE	parallel_max_servers	994		
db_writer_processes	1	parallel_min_percent	0		
dbwr_io_slaves	0	parallel_min_servers	0		
ddl_lock_timeout	0	parallel_min_time_threshold	AUTO		
deferred_segment_creation	TRUE	parallel_server	TRUE		
diagnostic_dest	/u01/app/oracle/product/1	parallel_server_instances	2		
disk_asynch_io	TRUE	parallel_servers_target	512		
dispatchers	(PROTOCOL=TCP) (SERVICE=u	parallel_threads_per_cpu	2		
distributed_lock_timeout	60	permit_92_wrap_format	TRUE		
dml_locks	6864	pga_aggregate_target	8388608000		
dnfs_batch_size	4096	plscope_settings	IDENTIFIERS=NONE		
dst_upgrade_insert_conv	TRUE	plsql_code_type	INTERPRETED		
enable_ddl_logging	FALSE	plsql_debug	FALSE		
enable_goldengate_replication	FALSE	plsql_optimize_level	2		
fast_start_io_target	0	plsql_v2_compatibility	FALSE		
fast_start_mttr_target	0	plsql_warnings	DISABLE:ALL		
fast_start_parallel_rollback	LOW	pre_page_sga	FALSE		
file_mapping	FALSE	processes	1024		
filesystemio_options	asynch	query_rewrite_enabled	TRUE		
gcs_server_processes	2	query_rewrite_integrity	enforced		
global_names	FALSE	read_only_open_delayed	FALSE		

	MODULE	ACTION	SQL_ID	COMMAND_NAME	SCHEMA	EXEC_RANK	ELAP_RANK	logRsRank	physRsRank	EXECS	PHY_READ_GB	ELANS	AVG_DOP	ELAP_PER_EXEC	SlogRsGBperExec	PhysRsGBperExec
1	Swingbench		147a57cxq3w5y	PL/SQL	SOE2	6	1	1	58	529,884,505	3	1	0	0.0	0	0
2	Swingbench		60v4b09fjz2m	SELECT	SOE	1	2	331	223	22,968,000,000	0	4	0	0.0	0	0
3	Swingbench		apgb2g9q2zjh1	PL/SQL	SOE2	9	3	4	33	244,687,176	13	1	0	0.0	0	0
4	Browse Pro	getProductDetails	0y1prvxqc2ra9	SELECT	SOE2	2	4	2	115	1,566,906,546	1	1	0	0.0	0	0
5	Swingbench		apgb2g9q2zjh1	PL/SQL	SOE	33	5	15	1	22,080,869	634	1	0	0.0	0	0
6	Swingbench		0w2qpuc6u2zsp	PL/SQL	SOE	26	6	3	4	28,307,253	173	1	0	0.0	0	0
7	Browse Pro	logon	gzhkw1qu6fwxm	INSERT	SOE2	3	7	10	157	900,047,567	0	1	0	0.0	0	0
8	Swingbench		147a57cxq3w5y	PL/SQL	SOE	19	8	7	32	77,598,106	13	1	0	0.0	0	0
9	Browse and	getOrdersByCustomer	7t0959msvvt5g	SELECT	SOE	30	9	30	2	25,169,425	249	1	0	0.0	0	0
10	Browse and	getOrderItemsById	1qf3b7a46jm3u	SELECT	SOE	32	10	34	3	22,401,961	244	1	0	0.0	0	0
11			apgb2g9q2zjh1	PL/SQL	SOE	48	11	39	5	3,213,015	108	1	0	0.1	0	0
12	Swingbench		01jzc2mg6cg92	PL/SQL	SOE	40	12	19	8	12,426,773	72	1	0	0.0	0	0
13	Browse Pro	logon	gzhkw1qu6fwxm	INSERT	SOE	15	13	22	70	143,536,472	2	1	0	0.0	0	0
14			apgb2g9q2zjh1	PL/SQL	SOE2	16	14	8	57	126,456,687	3	1	0	0.0	0	0
15	New Order		f7rxuxzt64k87	INSERT	SOE	20	15	13	9	72,747,457	66	1	0	0.0	0	0
16	Swingbench		cmndgkbbkcz5s9	PL/SQL	SOE	42	16	28	10	8,898,318	63	1	0	0.0	0	0
17	Update Cus		gh2g2tynpcpv1	INSERT	SOE	39	17	27	11	12,456,642	57	1	0	0.0	0	0
18	Browse and	getAddressDetails	g81cbrq5yamf5	SELECT	SOE	31	18	33	6	24,510,641	105	1	0	0.0	0	0
19	Browse and		1b3uta6tfthfy	UPDATE	SOE	34	19	35	7	21,698,256	103	1	0	0.0	0	0
20	New Order	getAddressDetails	g81cbrq5yamf5	SELECT	SOE	24	20	31	13	28,671,532	54	1	0	0.0	0	0
21	Update Cus	findCustomer	8zz6y2yzdqip0	SELECT	SOE	43	21	36	12	8,866,190	56	1	0	0.0	0	0
22	Browse Pro	getProductDetails	0y1prvxqc2ra9	SELECT	SOE	10	22	9	147	230,501,493	0	1	0	0.0	0	0
23	SQL*Plus		3g6zuaky5uavp	PL/SQL	BURN_MEM	164	23	293	193	39	0	1	0	3592.3	0	0
24	New Order		3fw75k1snsddx	INSERT	SOE	25	24	20	16	28,333,516	38	1	0	0.0	0	0
25	Browse Pro	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE2	5	25	6	96	705,735,029	2	1	0	0.0	0	0
26	Browse and	getOrdersByCustomer	7t0959msvvt5g	SELECT	SOE2	8	26	12	51	369,622,301	4	1	0	0.0	0	0
27	Browse and	getAddressDetails	g81cbrq5yamf5	SELECT	SOE2	7	27	11	53	369,921,898	4	1	0	0.0	0	0
28	Browse and	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE2	11	28	14	97	191,623,183	2	1	0	0.0	0	0
29	Update Cus		9t3n2wpr7my63	INSERT	SOE	36	29	29	28	20,546,853	15	1	0	0.0	0	0
30	Browse and		3hatpjzrqvfn7	UPDATE	SOE	35	30	40	14	21,683,624	38	1	0	0.0	0	0
31	Process Or		7hk2m2702ua0g	SELECT	SOE	47	31	41	20	4,904,040	28	1	0	0.0	0	0
32	Browse and		3hatpjzrqvfn7	UPDATE	SOE2	14	32	18	138	155,230,357	1	1	0	0.0	0	0
33	Browse and		1b3uta6tfthfy	UPDATE	SOE2	13	33	17	119	155,328,188	1	1	0	0.0	0	0
34	Browse Pro	logon	c749bc43qzfz3	SELECT	SOE2	4	34	334	223	831,928,735	0	1	0	0.0	0	0
35			a9gvfh5hx9u98	PL/SQL	SOE	49	35	38	34	3,211,274	12	1	0	0.0	0	0
36	Swingbench		a9gvfh5hx9u98	PL/SQL	SOE	51	36	43	26	1,694,271	17	1	0	0.0	0	0
37	Browse and	getOrderItemsById	1qf3b7a46jm3u	SELECT	SOE2	12	37	16	40	155,415,240	6	2	0	0.0	0	0
38	New Order	getProductDetailsByCategory	03sma6rkr27c	SELECT	SOE	17	38	5	154	84,643,207	0	2	0	0.0	0	0
39	Update Cus		budtrjajjnvw3	INSERT	SOE	38	39	37	37	12,461,507	7	1	0	0.0	0	0
40	DBMS_SCHED	ORA\$AT_OS_OPT_SY_32p2vm9nt3h3p6		SELECT	SOE2	184	40	52	21	1	24	1	206	28919.0	37	24
41	New Order	getCardDetailsByCustomerId	70s837zynp1zv	SELECT	SOE	28	41	32	36	28,269,696	10	1	0	0.0	0	0
42	Browse Pro	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE	21	42	24	35	71,744,993	10	1	0	0.0	0	0
43	New Order	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE	22	43	25	44	70,401,674	5	1	0	0.0	0	0
44	DBMS_SCHED	ORA\$AT_OS_OPT_SY_28p2vm9nt3h3p6		SELECT	SOE2	184	44	65	31	1	14	1	256	14672.0	23	14
45	Process Or		f9u2k84v884y7	UPDATE	SOE	46	45	42	142	4,909,857	0	1	0	0.0	0	0
46	New Order		5mddt5k145rg3	UPDATE	SOE	27	46	26	122	28,269,795	1	1	0	0.0	0	0
47	JDBC Thin		dp1rt1b33uhcw	SELECT	SYSTEM	80	47	318	222	84,860	0	1	0	0.1	0	0
48	New Order		7r7636982atn9	UPDATE	SOE	29	48	23	162	26,458,832	0	1	0	0.0	0	0
49	New Order	getProductQuantity	8z3542ffmp562	SELECT	SOE	18	49	21	159	80,372,526	0	1	0	0.0	0	0
50	DBMS_SCHED	ORA\$AT_OS_OPT_SY_30p2vm9nt3h3p6		SELECT	SOE2	184	50	59	24	1	19	1	238	5581.1	29	19
51	Browse Pro	logon	c749bc43qzfz3	SELECT	SOE	23	51	342	223	51,920,855	0	1	0	0.0	0	0
52	Browse and	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE	52	52	62	45	793,790	5	1	0	0.0	0	0
53	DBMS_SCHED	ST\$T60_12	620u884kp338p	SELECT	SH	165	53	48	15	34	38	1	0	97.3	1.2	1
54	DBMS_SCHED	ORA\$AT_OS_OPT_SY_28t3qvn6nkj6sy1		SELECT	SOE	184	54	112	46	1	5	1	111	2775.2	5.9	5
55	DBMS_SCHED	ORA\$AT_OS_OPT_SY_140t38pcn1pf680		SELECT	SOE	184	55	105	39	1	6	1	256	2236.3	9.5	6
56	Update Cus		a7q96p26uzq9a	SELECT	SOE	37	56	286	222	20,515,149	0	1	0	0.0	0	0
57	SalesByQua		cxrdv39w24z82	SELECT	SH	184	57	57	17	1	37	1	0	2178.6	32	37
58	DBMS_SCHED	ORA\$AT_OS_OPT_SY_28p2vm9nt3h3p6		SELECT	SOE2	183	58	64	23	2	19	1	5	1056.1	12	1e+01
59	JDBC Thin		43d9r1wmu02wk	SELECT	SYSTEM	79	59	323	221	92,489	0	1	0	0.0	0	0
60	SalesByQua		6c7ak380xvx69	SELECT	SH	184	60	56	18	1	36	1	0	1897.3	32	36
61	DBMS_SCHED	ORA\$AT_OS_OPT_SY_140nnhjmjga0q9r		SELECT	SOE	184	61	109	49	1	4	1	256	1750.2	6.8	4
62	Update Cus		buffkg6cm7uay	UPDATE	SOE	44	62	44	165	7,525,674	0	1	0	0.0	0	0
63	DBMS_SCHED	ORA\$AT_OS_OPT_SY_310fyn27ykvdvax		SELECT	SOE2	184	63	221	149	1	0	1	235	1567.2	0.5	0
64	Update Cus		4z3ktqk9zq1j9	SELECT	SOE	41	64	288	221	12,335,248	0	1	0	0.0	0	0
65	DBMS_SCHED	ORA\$AT_OS_OPT_SY_140t3qvn6nkj6sy1		SELECT	SOE	184	65	108	50	1	4	1	256	1452.9	6.8	4
66	DBMS_SCHED	ORA\$AT_OS_OPT_SY_120nnhjmjga0q9r		SELECT	SOE	184	66	107	48	1	4	1	256	1347.1	6.8	4
67	DBMS_SCHED	ORA\$AT_OS_OPT_SY_25t6tkp1hb0pq		SELECT	SOE2	184	67	233	156	1	0	1	256	1210.4	0.3	0
68	DBMS_SCHED	ORA\$AT_OS_OPT_SY_120pzc0tbwpxcpm		SELECT	SOE	184	68	117	61	1	3	1	256	1197.8	4.5	3
69	DBMS_SCHED	ORA\$AT_OS_OPT_SY_120t3qvn6nkj6sy1		SELECT	SOE	184	69	114	54	1	4	1	256	1140.1	5.6	4
70	DBMS_SCHED	ORA\$AT_OS_OPT_SY_120thfbf3ck2rkb		SELECT	SOE	184	70	116	56	1	3	1	256	943.4	4.7	3
71	SalesMovin		20qtc5mn3uwd7	SELECT	SH	184	71	119	52	1	4	1	0	859.1	4.2	4
72	SalesRollu		gf4q049tw8gv9	SELECT	SH	184	72	54	22	1	24	1	0	852.5	36	24
73	DBMS_SCHED	ORA\$AT_OS_OPT_SY_310t6tkp1hb0pq		SELECT	SOE2	184	73	232	155	1	0	1	256	803.5	0.3	0
74	Datagenera		99p0z8u909916	INSERT	SOE2	61	74	106	222	171,762	0	1	0	0.0	0	0
75	JDBC Thin		8ny02phps1h5	SELECT	SYSTEM	107	75	322	223	12,493	0	1	4	0.1	0	0