

WMAP Cosmological Parameters

Model: lcdm+nrel+yhe

Data: wmap9+spt+act

$10^9 \Delta_{\mathcal{R}}^2$	2.372 ± 0.100	H_0	$70.5^{+4.8}_{-4.9}$ km/s/Mpc
N_{eff}	2.92 ± 0.79	$A_{\text{clustered}}$	< 14 (95% CL)
$A_{\text{Poisson}}^{\text{ACT}}$	13.2 ± 2.7	$A_{\text{Poisson}}^{\text{SPT}}$	> 13 (95% CL)
$\ell(\ell+1)C_{220}/(2\pi)$	$5757 \pm 34 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14292^{+670}_{-669} Mpc
$d_A(z_*)$	14124^{+660}_{-658} Mpc	$D_v(z=0.57)/r_s(z_d)$	13.23 ± 0.52
η	$(6.20 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00991 ± 0.00038
ℓ_{eq}	139.7 ± 3.6	ℓ_*	301.2 ± 1.0
n_b	$(2.545 \pm 0.055) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.978 ± 0.019
Ω_b	0.0462 ± 0.0058	$\Omega_b h^2$	0.02266 ± 0.00049
Ω_c	$0.226^{+0.018}_{-0.019}$	$\Omega_c h^2$	0.112 ± 0.011
Ω_Λ	0.728 ± 0.023	Ω_m	0.272 ± 0.023
$\Omega_m h^2$	0.135 ± 0.012	$r_s(z_d)$	153.9 ± 7.7 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.349 ± 0.017	$r_s(z_d)/D_v(z=0.2)$	0.1903 ± 0.0088
$r_s(z_d)/D_v(z=0.35)$	$0.1142^{+0.0049}_{-0.0050}$	$r_s(z_d)/D_v(z=0.44)$	0.0937 ± 0.0039
$r_s(z_d)/D_v(z=0.54)$	0.0791 ± 0.0032	$r_s(z_d)/D_v(z=0.57)$	0.0757 ± 0.0030
$r_s(z_d)/D_v(z=0.6)$	$0.0727^{+0.0028}_{-0.0029}$	$r_s(z_d)/D_v(z=0.73)$	0.0626 ± 0.0023
$r_s(z_*)$	147.3 ± 7.3	R	1.724 ± 0.015
σ_8	0.824 ± 0.033	$\sigma_8 \Omega_m^{0.5}$	0.430 ± 0.022
$\sigma_8 \Omega_m^{0.6}$	0.377 ± 0.022	A_{SZ}	< 1.5 (95% CL)
t_0	13.80 ± 0.72 Gyr	τ	0.088 ± 0.014
θ_*	0.010431 ± 0.000036	θ_*	0.5977 ± 0.0021 °
τ_{rec}	287 ± 14	t_{reion}	442 ± 71 Myr
t_*	380367^{+18260}_{-18120} yr	Y_{He}	$0.302^{+0.038}_{-0.039}$
z_d	1020.5 ± 1.9	z_{eq}	3283^{+116}_{-117}
z_{rec}	1090.1 ± 1.1	z_{reion}	10.9 ± 1.2
z_*	$1090.76^{+0.96}_{-0.95}$		